U.S. GEOLOGICAL SURVEY

**WATER-QUALITY DATA FOR LANDFILLS,
HILLSBOROUGH COUNTY, FLORIDA,
JANUARY 1974–OCTOBER 1977**

OPEN-FILE REPORT 78-820

**Prepared in cooperation with
HILLSBOROUGH COUNTY, FLORIDA**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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By Mario Fernandez, Jr., and Robin R. Hallbourg

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1979

UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

For additional information write to:

U.S. Geological Survey
Water Resources Division
325 John Knox Road, Suite F-240
Tallahassee, Florida 32303

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ABSTRACT

Periodic water-quality data were collected at four landfills in Hillsborough County from January 1974 through October 1977. Water samples were analyzed for nitrogen and phosphorus species, cations, trace metals, chloride, specific conductance, chemical oxygen demand, biological oxygen demand, and coliforms. Select ground-water samples were analyzed for herbicide and pesticide. Results of chemical and bacteriological analysis from four landfills are presented as basic data. Geologic logs and well descriptions are presented for wells drilled at the landfills after January 1974.

INTRODUCTION

Ground water in and near a landfill site can become contaminated by leachate from the fill material. Anticipating possible degradation of ground water, the Hillsborough County Commission entered into a cooperative investigation with the U.S. Geological Survey to determine landfill effects on ground-water quality. The investigation began in May 1969 at the Eureka Springs landfill. The study was later expanded to include three other landfills: Rocky Creek (August 1969), Gibsonton and Ruskin (February 1974) landfills (fig. 1).

The purpose of this report is to present available well records, geologic logs of wells and surface- and ground-water quality data collected between January 1974 and October 1977 for planning purposes. This report will provide a base for a subsequent interpretive water-quality report.

Water samples were collected periodically from wells and selected surface-water sites at the four landfills. Specific conductance and pH were determined in the field. Sodium, potassium, calcium, magnesium, chloride, trace metals, chemical and biochemical oxygen demands, coliform, select herbicides and pesticides, and nitrogen and phosphorus species were determined in the laboratory.

PREVIOUS INVESTIGATIONS

Hydrologic factors affecting the utilization of land in Hillsborough County were presented in a map by Stewart and Hanan (1970). Stewart and Duerr (1973) described hydrologic and geologic factors that are to be considered in landfill operations.

DATA PRESENTED

This report lists water-quality analyses of water samples collected January 1974 through October 1977 from wells and surface-water sites in and near four landfills operated by Hillsborough County (tables 3-6). Included are landfill locations (figs. 1-5), description of wells drilled during January 1974 through October 1977 (table 1), and geologic logs of selected wells drilled during this period (table 2). All water samples were analyzed in U.S. Geological Survey laboratories.

CONVERSION FACTORS

The inch-pound units used in this report can be converted to equivalent SI (metric) units as follows:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain SI (metric) unit</u>
inch (in.)	2.54×10^{-2}	millimeter (mm)
foot (ft)	3.05×10^{-1}	meter (m)

Figure 1.--Location of Hillsborough County landfills.

Figure 2.--Location of monitoring wells in Rocky Creek landfill.

Figure 3.--Location of monitoring wells in Eureka Springs landfill.

Figure 4.--Location of monitoring wells in Gibsonton landfill.

Figure 5.--Location of monitoring wells in Ruskin landfill.

REFERENCES

- Stewart, J. W., and Duerr, A. D., 1973, Hydrologic and geologic considerations for solid-waste disposal in west-central Florida: U.S. Geological Survey Water-Resources Investigations 50-73.
- Stewart, J. W., and Hanan, R. V., 1970, Hydrologic factors affecting the utilization of land for sanitary landfills in northern Hillsborough County, Florida: Florida Bureau of Geology Map Series 39.

Table 1.--Description of wells

Well number: Well locations are shown in respective landfill maps, figures 2-5.

Station number: Left of decimal point is latitude and longitude, right of decimal point is sequence number.

Date drilled: Month and year.

Aquifer: A, artesian; WT, water table.

Well depth: Depth cased plus screen length, in feet below land surface.

Depth cased: Feet below land surface.

Casing diameter: 2 inches.

Screen length: All screens are attached to the bottom of casing, length in feet.

Screen diameter: 2 inches.

Well number	Station number	Date drilled	Aquifer	Well depth	Depth cased	Screen length
EUREKA SPRINGS LANDFILL						
1	2800560821925.01	2-75	A	45	40	5
2	2800580821926.01	2-75	WT	15	10	5
3	2800580821929.01	2-75	WT	15	10	5
4	2800580821932.01	2-75	WT	15	10	5
5	2800590821936.01	2-75	A	70	60	10
6	2801010821928.01	2-75	WT	18	11	7
7	2801949821930.01	2-75	WT	10.5	8.5	2
8	2801030821934.01	2-75	WT	11	6	5
9	2801929821936.01	2-75	WT	11	6	5
10	2801000821937.01	2-75	WT	8	4	4
11	2801000821938.01	2-75	WT	8.5	3.5	5
12	2801010821944.01	2-75	WT	8.8	3.5	5.3
13	2801010821944.01	2-75	WT	8	3	5
GIBSONTON LANDFILL						
223	2749520822312.01	1-74	A	42	37	5
223A	2749520822312.02	1-74	WT	17	12	5
241	274940822310.01	1-74	WT	16	11	5
243	2749340822311.01	1-74	WT	10	6	4

Table 1.--Description of wells - continued

Well number	Station number	Date drilled	Aquifer	Well depth	Depth cased	Screen length
RUSKIN LANDFILL						
112	2743530822550.01	1-74	A	47	42	5
112A	2743530822550.02	1-74	WT	13	8	5
114	2743520822551.01	1-74	WT	12	7	5
123	2743460822542.01	1-74	WT	13	8	5
132	2743350822550.01	1-74	WT	12	7	5

ROCKY CREEK LANDFILL

No new wells were drilled during January 1974 and October 1977.

Table 2.--Geologic logs of selected wells

EUREKA SPRINGS LANDFILL

Material	Thickness (ft)	Depth (ft)
Well number 1		
Station number 2800560821925.01		
Sand, fine, clayey, orange tan	10	10
Clay, orange tan, stiff	5	15
Clay, orange tan, stiff	5	20
Limestone, cherty	19	39
Limestone	6	45
Well number 2		
Station number 2800580821926.01		
Sand, fine, clayey, orange tan	15	15
Well number 3		
Station number 2800580821924.01		
Sand, fine, clayey, orange tan	15	15
Well number 4		
Station number 2800580821932.01		
Sand, fine, clayey, orange tan	15	15
Well number 5		
Station number 2800590821936.01		
Sand, fine, clayey, orange tan	10	10
Sand, fine, clayey, orange tan	5	15
Clay, orange tan, stiff	5	20
Clay, dark yellowish orange, alternating thin layering of grayish blue green clay	10	30
Rock		47
Limestone	0.5	47.5
Limestone	22.5	70

Table 2.--Geologic logs of selected wells - continued

EUREKA SPRINGS LANDFILL - continued

Material	Thickness (ft)	Depth (ft)
Well number 6 Station number 2801010821928.01		
Sand, fine, clayey, orange tan	18	18
Well number 7 Station number 2801040821930.01		
Sand, fine, clayey, orange tan	10.5	10.5
Well number 8 Station number 2801010821944.01		
Sand, fine, clayey, orange tan	11	11
Well number 10 Station number 2801000821937.01		
Sand, fine, clayey, orange tan	8	8
Well number 12 Station number 2801010821944.01		
Sand, fine, clayey, orange tan	8.8	8.8

GIBSONTON LANDFILL

Material	Thickness (ft)	Depth (ft)
Well number 223 Station number 2749520822312.01		
Sand, fine	5	5
Sand, fine with shells	7	12
Sand, medium with shells	5	17
Sand, clayey	5	22
Clay, sandy, traces of limestone chips	10	32
Clay, limey with limestone chips		38
Clay, limey with limestone chips; unpermeable	4	42

Table 2.--Geologic logs of selected wells - continued

RUSKIN LANDFILL

Material	Thickness (ft)	Depth (ft)
Well number 141 Station number 2743530822550.01		
Sand, fine with shells	5	5
Sand, fine to coarse, shell fragments	10	15
Clay, sandy, cohesive, fairly impermeable, some shell fragments	3	18
Clay, limey and limestone, alternating layers with hard lenses	4	22
Clay, limey and limestone, alternating layers with hard lenses	10	32
Limestone, hard		40
	7	47
Well number 123 Station number 2743460822542.01		
Sand, fine	3	3
Limestone, soft	0.5	3.5
Sand, clayey, increasing with depth	9.5	13
Well number 132 Station number 2743350822550.01		
Sand, clayey, increasing with depth	12	12
Clay, sandy	2	14
Well number 114 Station number 2743520822551.01		
Sand, clayey, increasing with depth	12	12

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS-SOLVED (MG/L AS C02) (00405)
FEB , 1974							
21...	383	--	9.2	--	--	--	--
MAY							
14...	380	7.4	10	--	189	231	15
AUG							
28...	377	7.6	9.9	--	--	--	--
JAN , 1975							
27...	370	7.7	10	--	--	--	--
APR							
07...	391	7.5	12	--	--	--	--
AUG							
20...	380	7.4	14	12	--	--	--
DEC							
09...	384	7.5	11	--	189	230	12
APR , 1976							
14...	385	6.1	13	10	--	--	--
JUL							
14...	420	7.6	11	10	--	--	--
MAY , 1977							
02...	412	7.2	10	--	--	--	--

280226082342101 - ROCKY CREEK LF 65 (LAT 28 02 26 LONG 082 34 21.01)

AUG , 1975							
22...	138	6.2	1.0	900	--	--	--
DEC							
09...	150	6.5	9.5	460	66	80	40
APR , 1976							
14...	188	5.9	12	580	--	--	--
JUL							
14...	387	7.0	22	250	--	--	--
MAY , 1977							
05...	370	6.3	18	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
AUG , 1974							
28...	302	6.3	20	--	--	--	--
JAN , 1975							
27...	310	6.8	17	--	--	--	--
APR							
03...	147	--	--	--	--	--	--
AUG							
20...	268	6.5	--	280	--	--	--
DEC							
08...	261	6.7	10	--	115	140	45
APR , 1976							
16...	310	--	14	140	--	--	--
JUL							
15...	337	7.3	17	30	--	--	--
OCT							
06...	329	6.0	15	--	--	--	--
MAY , 1977							
05...	370	6.5	19	--	--	--	--
19...	2190	5.4	--	--	--	--	--

280226082342501 - ROCKY CREEK LF 67 (LAT 28 02 26 LONG 082 34 25.01)

FEB , 1974							
21...	386	--	8.7	--	--	--	--
MAY							
10...	384	--	9.2	--	--	--	--
APR , 1976							
16...	379	7.7	9.9	32	--	--	--
MAY , 1977							
05...	383	7.2	12	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS-SOLVED (MG/L AS C02) (00405)
280226082341202 - ROCKY CREEK LF 69 (LAT 28 02 26 LONG 082 34 12.02)							
MAY , 1974							
14...	89	4.9	9.8	--	3	4	81
AUG							
28...	87	4.5	8.1	--	--	--	--
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)							
JAN , 1975							
27...	387	7.7	9.7	--	--	--	--
MAY , 1977							
05...	183	5.5	18	--	--	--	--
280228082335901 - ROCKY CREEK LF 73 (LAT 28 02 28 LONG 082 33 59.01)							
JUL , 1976							
16...	413	7.7	11	10	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)							
AUG , 1974							
28...	88	--	13	--	--	--	--
JAN , 1975							
24...	88	6.2	12	--	--	--	--
APR							
09...	99	6.1	12	--	--	--	--
AUG							
22...	117	6.1	13	300	--	--	--
DEC							
10...	107	6.2	11	240	42	51	51
APR , 1976							
14...	176	6.3	16	240	--	--	--
JUL							
15...	157	7.2	12	500	--	--	--
OCT							
06...	163	6.3	13	--	--	--	--
MAY , 1977							
18...	1483	6.2	10	--	--	--	--
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)							
FEB , 1974							
21...	105	--	11	--	--	--	--
MAY							
14...	81	--	13	--	--	--	--
JAN , 1975							
28...	337	7.6	7.7	--	--	--	--
APR , 1976							
15...	384	7.4	9.2	22	--	--	--
OCT							
06...	370	7.0	8.6	--	--	--	--
MAY , 1977							
17...	395	6.9	9.0	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)							
FEB , 1974							
21...	99	--	17	--	--	--	--
MAY							
14...	178	--	27	--	--	--	--
APR , 1975							
09...	400	5.8	89	--	--	--	--
JUL , 1976							
15...	650	7.0	100	10	--	--	--
OCT							
05...	558	5.5	120	--	--	--	--
MAY , 1977							
17...	630	6.0	110	--	--	--	--
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)							
FEB , 1974							
21...	378	--	8.5	--	--	--	--
MAY							
14...	370	--	9.3	--	--	--	--
280233082340701 - ROCKY CREEK LF 89 (LAT 28 02 33 LONG 082 34 07.01)							
FEB , 1974							
21...	152	--	26	--	--	--	--
MAY							
15...	158	--	24	--	--	--	--
APR , 1975							
09...	148	5.8	28	--	--	--	--
JUL , 1976							
19...	289	5.8	22	1300	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)							
MAY , 1974							
15...	386	--	--	--	--	--	--
AUG							
30...	385	7.4	7.9	--	--	--	--
JAN , 1975							
27...	374	7.6	7.9	--	--	--	--
APR							
07...	380	7.4	8.7	--	--	--	--
AUG							
20...	373	7.6	8.4	14	--	--	--
DEC							
09...	380	7.3	9.0	--	197	240	19
APR , 1976							
14...	382	6.9	9.0	55	--	--	--
JUL							
14...	450	7.7	10	15	--	--	--
MAY , 1977							
02...	413	7.1	9.8	--	--	--	--
280238082343201 - ROCKY CREEK LF 116 (LAT 28 02 38 LONG 082 34 32.01)							
FEB , 1974							
21...	374	--	9.0	--	--	--	--
MAY							
10...	378	--	11	--	--	--	--
280238082342603 - ROCKY CREEK LF 117 (LAT 28 02 38 LONG 082 34 26.03)							
OCT , 1976							
06...	170	5.5	12	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS-SOLVED (MG/L AS C02) (00405)
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280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)

FEB , 1974							
21...	69	--	11	--	--	--	--
MAY							
10...	164	--	12	--	--	--	--
AUG							
27...	128	--	27	--	--	--	--
27...	--	5.9	--	--	--	--	--
JAN , 1975							
28...	135	5.7	25	--	--	--	--
APR							
03...	339	--	--	--	--	--	--
APR , 1976							
16...	220	--	42	90	--	--	--
JUL							
16...	200	6.5	15	20	--	--	--
JAN , 1977							
18...	650	5.2	--	--	--	--	--
MAY							
18...	6400	5.0	160	--	--	--	--

280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)

MAY , 1974							
10...	399	--	9.1	--	--	--	--
AUG							
27...	--	8.1	--	--	--	--	--
APR , 1975							
09...	447	7.4	11	--	--	--	--
OCT , 1976							
06...	444	6.5	8.8	--	--	--	--
JAN , 1977							
18...	1140	5.6	--	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
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280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)

FEB , 1974							
21...	379	--	8.4	--	--	--	--
MAY							
14...	410	7.6	19	--	189	230	9.2
AUG							
30...	379	7.8	7.6	--	--	--	--
JAN , 1975							
27...	374	7.8	7.8	--	--	--	--
APR							
08...	380	--	--	--	--	--	--
AUG							
22...	372	6.1	10	11	--	--	--
DEC							
09...	377	7.2	8.6	--	172	210	21
APR , 1976							
15...	373	7.2	8.6	9	--	--	--
JUL							
14...	460	7.5	11	10	--	--	--
OCT							
05...	400	6.5	9.0	--	--	--	--
MAY , 1977							
02...	403	7.3	8.0	--	--	--	--

280240082340601 - ROCKY CREEK LF 127 (LAT 28 02 40 LONG 082 34 06.01)

FEB , 1974							
21...	62	--	6.5	--	--	--	--
MAY							
15...	66	--	7.8	--	--	--	--
JAN , 1975							
28...	144	5.4	33	--	--	--	--
APR							
09...	155	--	--	--	--	--	--

280240082341201 - ROCKY CREEK LF 130 (LAT 28 02 40 LONG 082 34 12.01)

FEB , 1974							
21...	91	--	7.0	--	--	--	--
AUG							
28...	106	6.4	9.9	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
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280240082335901 - ROCKY CREEK LF 132 (LAT 28 02 40 LONG 082 33 59.01)

MAY , 1974							
15...	75	--	12	--	--	--	--
AUG							
30...	63	5.9	12	--	--	--	--
JAN , 1975							
27...	52	5.8	13	--	--	--	--

280242082343502 - ROCKY CREEK LF 143 (LAT 28 02 42 LONG 082 34 35.02)

FEB , 1974							
21...	248	--	38	--	--	--	--
MAY							
14...	283	28.0	34	--	--	--	--

280242082343501 - ROCKY CREEK LF 144 (LAT 28 02 42 LONG 082 34 35.01)

MAY , 1974							
14...	369	--	9.6	--	--	--	--

280227082341700 - ROCKY CREEK LF SE PERIMETER DITCH (LAT 28 02 27 LONG 082 34 17)

AUG , 1975							
20...	108	--	--	16	--	--	--
DEC							
08...	1680	6.7	190	160	--	--	--

280235082342500 - ROCKY CREEK LF OXIDATION POND (LAT 28 02 35 LONG 082 34 25)

FEB , 1974							
21...	2700	--	240	--	--	--	--
DEC , 1975							
08...	1410	7.1	230	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
FEB , 1974							
21...	66	3.6	7.4	1.0	.2	180	--
MAY							
14...	75	3.7	7.3	.9	.2	200	13
AUG							
28...	72	3.6	7.4	.8	.2	190	--
JAN , 1975							
27...	70	3.8	6.7	.7	.2	190	--
APR							
07...	71	4.3	7.5	.8	.2	200	--
AUG							
20...	66	4.0	7.6	.8	.2	180	--
DEC							
09...	66	4.4	8.2	.9	.3	180	0
APR , 1976							
14...	70	4.1	7.0	.8	.2	190	--
MAY , 1977							
02...	70	4.5	7.7	.9	.2	190	--

280226082342101 - ROCKY CREEK LF 65 (LAT 28 02 26 LONG 082 34 21.01)

AUG , 1975							
22...	13	1.4	9.4	.3	.7	38	--
DEC							
09...	19	2.0	7.2	.4	.4	56	0
APR , 1976							
14...	22	2.3	7.5	.4	.4	64	--
MAY , 1977							
05...	40	4.1	12	.5	.5	120	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)							
AUG , 1974							
28...	37	4.8	16	.8	.7	110	--
JAN , 1975							
27...	41	4.7	12	.6	.5	120	--
AUG							
20...	27	2.9	11	.7	.5	79	--
DEC							
08...	34	3.8	9.6	.7	.4	100	0
APR , 1976							
16...	35	3.5	11	.6	.5	100	--
MAY , 1977							
05...	38	3.4	12	.6	.5	110	--
280226082342501 - ROCKY CREEK LF 67 (LAT 28 02 26 LONG 082 34 25.01)							
FEB , 1974							
21...	68	3.8	6.9	1.1	.2	190	--
MAY							
10...	76	4.0	7.6	1.1	.2	210	--
APR , 1976							
16...	69	4.6	7.6	1.3	.2	190	--
MAY , 1977							
05...	72	5.0	6.8	1.1	.2	200	--
280226082341202 - ROCKY CREEK LF 69 (LAT 28 02 26 LONG 082 34 12.02)							
MAY , 1974							
14...	5.6	2.4	5.1	.2	.5	24	21
AUG							
28...	3.6	2.1	6.4	.4	.7	18	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)							
JAN , 1975							
27...	74	4.1	6.5	.9	.2	200	--
MAY , 1977							
05...	12	2.3	10	.5	.7	39	--
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)							
AUG , 1974							
28...	9.3	.7	7.3	.4	.6	26	--
JAN , 1975							
24...	12	.9	5.7	.2	.4	34	--
APR							
09...	14	1.0	5.9	1.6	.4	39	--
AUG							
22...	12	1.0	7.3	.4	.5	34	--
DEC							
10...	11	1.0	6.6	.4	.5	32	0
APR , 1976							
14...	11	.9	6.1	.3	.5	31	--
MAY , 1977							
18...	13	.8	8.2	.4	.6	36	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)							
FEB , 1974							
21...	7.4	1.1	7.1	1.5	.6	23	--
MAY							
14...	7.9	1.0	7.4	1.7	.7	24	--
JAN , 1975							
28...	62	4.1	6.0	.7	.2	170	--
APR , 1976							
15...	70	3.8	6.0	.8	.2	190	--
MAY , 1977							
17...	71	4.1	6.3	.9	.2	190	--
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)							
FEB , 1974							
21...	9.1	1.4	5.8	.9	.5	29	--
MAY							
14...	20	2.3	8.6	1.4	.5	59	--
APR , 1975							
09...	44	5.5	31	1.3	1.2	130	--
MAY , 1977							
17...	52	6.9	47	1.9	1.6	160	--
280231082343601 - ROCKY CREEK LF 85 (LAT 28 02 31 LONG 082 34 36.01)							
FEB , 1974							
21...	66	4.1	6.5	1.0	.2	180	--
MAY							
14...	70	4.2	7.1	1.0	.2	190	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280233082340701 - ROCKY CREEK LF 89 (LAT 28 02 33 LONG 082 34 07.01)							
FEB , 1974							
21...	10	2.6	12	.9	.9	36	--
MAY							
15...	11	3.2	12	1.1	.8	41	--
APR , 1975							
09...	8.5	2.6	12	.4	.9	32	--
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)							
MAY , 1974							
15...	76	--	6.8	.8	.2	210	--
AUG							
30...	73	3.8	7.0	.7	.2	200	--
JAN , 1975							
27...	71	4.1	6.3	.7	.2	190	--
APR							
07...	71	4.0	6.4	.7	.2	190	--
AUG							
20...	66	3.5	6.6	.7	.2	180	--
DEC							
09...	66	3.8	6.8	.7	.2	180	0
APR , 1976							
14...	72	3.7	6.5	.7	.2	200	--
MAY , 1977							
02...	74	6.2	6.6	.8	.2	210	--
280238082343201 - ROCKY CREEK LF 116 (LAT 28 02 38 LONG 082 34 32.01)							
FEB , 1974							
21...	66	4.0	6.6	1.2	.2	180	--
MAY							
10...	73	4.1	6.9	1.2	.2	200	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)							
FEB , 1974							
21....	5.7	1.3	6.0	.2	.6	20	--
MAY							
10....	28	2.2	6.9	.5	.3	79	--
AUG							
27....	8.9	2.4	7.4	.0	.6	32	--
JAN , 1975							
28....	10	2.5	7.0	.1	.5	35	--
APR , 1976							
16....	10	3.4	15	.2	1.0	39	--
MAY , 1977							
18....	39	17	44	.4	1.5	170	--
280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)							
MAY , 1974							
10....	77	3.2	8.3	1.6	.3	210	--
APR , 1975							
09....	63	3.3	18	1.1	.6	170	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)							
FEB , 1974							
21....	68	3.8	7.0	.9	.2	190	--
MAY							
14....	71	3.8	14	.9	.4	190	4
AUG							
30....	70	6.8	6.5	.7	.2	200	--
JAN , 1975							
27....	80	3.4	6.3	.7	.2	210	--
AUG							
22....	67	3.6	7.0	.7	.2	180	--
DEC							
09....	68	3.9	7.3	.7	.2	190	14
APR , 1976							
15....	74	3.6	6.3	.7	.2	200	--
MAY , 1977							
02....	2.4	.1	100	.1	17	6	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280240082340601 - ROCKY CREEK LF 127 (LAT 28 02 40 LONG 082 34 06.01)							
FEB , 1974							
21...	6.1	.6	5.1	.1	.5	18	--
MAY							
15...	11	.6	5.2	.2	.4	30	--
JAN , 1975							
28...	8.2	3.8	17	.7	1.2	36	--
280240082341201 - ROCKY CREEK LF 130 (LAT 28 02 40 LONG 082 34 12.01)							
FEB , 1974							
21...	8.3	.7	8.7	.3	.8	24	--
AUG							
28...	16	.9	13	1.0	.9	44	--
280240082335901 - ROCKY CREEK LF 132 (LAT 28 02 40 LONG 082 33 59.01)							
MAY , 1974							
15...	12	1.1	6.4	.3	.5	35	--
AUG							
30...	2.9	.9	7.5	.2	1.0	11	--
JAN , 1975							
27...	4.7	.9	5.6	.1	.6	15	--
280242082343502 - ROCKY CREEK LF 143 (LAT 28 02 42 LONG 082 34 35.02)							
FEB , 1974							
21...	27	2.6	16	.4	.8	78	--
MAY							
14...	38	2.9	16	.8	.7	110	--
280242082343501 - ROCKY CREEK LF 144 (LAT 28 02 42 LONG 082 34 35.01)							
MAY , 1974							
14...	68	4.4	6.7	.9	.2	190	--
0235082342500 - ROCKY CREEK LF OXIDATION POND (LAT 28 02 35 LONG 082 34 25)							
FEB , 1974							
21...	36	16	210	190	7.3	160	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
------	--	--	---	--	--	--	--

280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)

AUG , 1974							
28...	0	0	<10	11	27	.0	0
JAN , 1975							
27...	1	0	20	22	0	.0	40
APR							
07...	0	0	<10	8	3	.1	100
AUG							
20...	0	0	10	6	2	.1	40
DEC							
09...	0	0	<10	6	0	.0	20
APR , 1976							
14...	0	0	20	4	8	.0	30
JUL							
14...	0	0	10	2	1	.6	60
MAY , 1977							
02...	1	0	<10	4	3	.0	20

280226082342101 - ROCKY CREEK LF 65 (LAT 28 02 26 LONG 082 34 21.01)

AUG , 1975							
22...	1	0	<10	10	8	.6	1500
DEC							
09...	0	1	50	14	12	.2	1200
APR , 1976							
14...	0	1	40	5	10	.0	440
JUL							
14...	2	2	20	15	17	1.0	1200
MAY , 1977							
05...	1	0	10	7	22	.0	1200

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)							
AUG , 1974							
28...	0	5	<10	17	42	.0	13000
JAN , 1975							
27...	1	12	10	32	120	.0	19000
AUG							
20...	0	50	<10	220	300	.1	40
DEC							
08...	0	9	<10	22	54	.2	2200
APR , 1976							
16...	1	62	10	140	820	.0	31000
JUL							
15...	1	17	20	120	490	.2	20000
OCT							
06...	0	6	20	12	29	.1	8600
MAY , 1977							
05...	1	40	<10	53	300	.0	14000
19...	1	0	140	68	110	.7	70
280226082342501 - ROCKY CREEK LF 67 (LAT 28 02 26 LONG 082 34 25.01)							
APR , 1976							
16...	0	1	<10	28	19	.2	180
MAY , 1977							
05...	1	0	<10	31	21	.0	110
280226082341202 - ROCKY CREEK LF 69 (LAT 28 02 26 LONG 082 34 12.02)							
AUG , 1974							
28...	0	0	<10	14	21	.3	50

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)							
JAN , 1975 27...	0	0	<10	17	5	.0	50
MAY , 1977 05...	2	0	60	14	33	.2	200
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)							
AUG , 1974 28...	2	0	40	17	37	.3	2500
JAN , 1975 24...	4	1	80	18	21	.5	3400
APR 09...	2	2	20	16	27	.2	1200
AUG 22...	1	0	<10	23	22	.2	1100
DEC 10...	1	0	<10	5	5	.0	300
APR , 1976 14...	1	1	30	7	17	.0	900
JUL 15...	1	1	20	0	4	.2	270
OCT 06...	1	0	50	4	14	.0	170
MAY , 1977 18...	2	0	50	21	12	.2	3700

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC	CADMIUM	CHRO-	COPPER,	LEAD,	MERCURY	ZINC,
	TOTAL	TOTAL	MIUM,	TOTAL	TOTAL	TOTAL	TOTAL
	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-
	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE
	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L
	AS AS)	AS CD)	AS CR)	AS CU)	AS PB)	AS HG)	AS ZN)
	(01002)	(01027)	(01034)	(01042)	(01051)	(71900)	(01092)
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)							
JAN , 1975							
28...	1	0	10	27	150	.0	510
APR , 1976							
15...	0	0	20	2	9	.0	10
OCT							
06...	0	0	50	11	3	.0	30
MAY , 1977							
17...	5	0	10	4	0	.0	10
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)							
APR , 1975							
09...	1	0	<10	51	280	.2	520
JUL , 1976							
15...	7	1	30	81	500	.0	1600
OCT							
05...	2	0	30	160	59	.0	310
MAY , 1977							
17...	3	0	20	150	460	.5	1200
280233082340701 - ROCKY CREEK LF 89 (LAT 28 02 33 LONG 082 34 07.01)							
APR , 1975							
09...	2	2	<10	30	69	.1	660
JUL , 1976							
19...	2	0	10	5	31	.3	2000

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)							
AUG , 1974							
30...	0	0	<10	5	57	.1	130
JAN , 1975							
27...	0	0	10	34	0	.0	230
APR							
07...	0	0	<10	5	6	.0	70
AUG							
20...	0	0	<10	5	7	.1	220
DEC							
09...	0	0	<10	15	12	.1	320
APR , 1976							
14...	0	0	10	11	8	.0	230
JUL							
14...	0	0	20	0	0	.7	120
MAY , 1977							
02...	1	0	<10	12	3	.0	30
280238082342603 - ROCKY CREEK LF 117 (LAT 28 02 38 LONG 082 34 26.03)							
OCT . 1976							
06...	1	0	40	33	0	.1	360
280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)							
AUG , 1974							
27...	0	0	<10	12	46	.2	1600
JAN , 1975							
28...	0	0	10	21	0	.0	1500
APR , 1976							
16...	1	3	<10	1	15	.0	450
JUL							
16...	0	1	30	7	8	.0	1200
MAY , 1977							
18...	2	0	<10	9	2	.5	310
280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)							
APR . 1975							
09...	2	0	20	100	270	.1	200
OCT , 1976							
06...	1	0	40	7	8	.0	1300

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)							
AUG , 1974							
30...	1	1	<10	3	55	.2	100
JAN , 1975							
27...	0	0	20	100	0	.1	120
AUG							
22...	0	0	<10	66	6	.2	90
DEC							
09...	0	0	<10	50	5	.2	140
APR , 1976							
15...	0	0	20	160	11	.0	160
JUL							
14...	0	1	20	39	8	.0	200
OCT							
05...	0	0	50	27	16	.0	280
MAY , 1977							
02...	1	0	10	41	3	.0	40
280240082340601 - ROCKY CREEK LF 127 (LAT 28 02 40 LONG 082 34 06.01)							
JAN , 1975							
28...	4	1	50	48	150	.6	110
280240082341201 - ROCKY CREEK LF 130 (LAT 28 02 40 LONG 082 34 12.01)							
AUG , 1974							
28...	2	1	100	83	120	.7	100
280240082335901 - ROCKY CREEK LF 132 (LAT 28 02 40 LONG 082 33 59.01)							
AUG , 1974							
30...	1	0	20	21	25	.3	3100
JAN , 1975							
27...	0	0	20	17	21	.0	2100

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
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280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)

APR , 1974										
29...	.11	--	.38	--	.00	--	.00	.08	--	--
AUG										
28...	.06	.43	--	.00	--	.00	--	.09	.06	.05
JAN , 1975										
27...	.07	--	.39	--	.00	--	.00	.17	--	--
APR										
07...	.12	--	.42	--	.00	--	.02	.08	.08	--
AUG										
20...	.05	--	.46	--	.00	--	.00	.09	--	--
DEC										
09...	.26	--	.45	--	.00	--	.00	.06	--	--
APR , 1976										
14...	.03	--	.43	--	.00	--	.00	.31	--	--
JUL										
14...	.16	--	.42	--	.00	--	.00	.08	--	--
MAY , 1977										
02...	.02	--	.41	--	.00	--	.00	.08	--	--

280226082342101 - ROCKY CREEK LF 65 (LAT 28 02 26 LONG 082 34 21.01)

AUG , 1975										
22...	--	.85	--	.04	--	.00	--	.18	.18	.19
DEC										
09...	.61	.60	--	.03	--	.00	--	.16	.08	.08
APR , 1976										
14...	.35	.54	--	.00	--	.03	--	.15	.02	.01
JUL										
14...	.47	.79	--	.01	--	.00	--	.49	.14	.14
MAY , 1977										
05...	.50	.60	--	--	.00	--	.02	.07	.01	.00

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)										
AUG , 1974										
28...	.29	.23	--	.00	--	.00	--	.03	.01	.01
JAN , 1975										
27...	.35	.24	--	.02	--	.33	--	.11	.09	.00
APR										
03...	.34	.13	--	.00	--	.01	--	.19	.03	.01
AUG										
20...	.67	--	.46	--	.01	--	.00	.10	--	--
DEC										
08...	.43	--	.27	--	.00	--	.00	.04	--	--
APR , 1976										
16...	.69	.44	--	.00	--	.04	--	.14	.04	.03
JUL										
15...	.53	.25	--	.00	--	.02	--	.13	.03	.03
MAY , 1977										
05...	.50	.17	--	--	.00	--	.01	.11	.01	.00
280226082342501 - ROCKY CREEK LF 67 (LAT 28 02 26 LONG 082 34 25.01)										
APR , 1976										
16...	.51	.39	--	.02	--	.90	--	.08	.03	.01
MAY , 1977										
05...	.39	.12	--	--	.00	--	.12	.14	.07	.01
280226082341202 - ROCKY CREEK LF 69 (LAT 28 02 26 LONG 082 34 12.02)										
AUG , 1974										
28...	.15	.94	--	.00	--	.00	--	.01	.00	.00
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)										
JAN , 1975										
27...	.14	.25	--	.00	--	.05	--	.17	.13	.02
MAY , 1977										
05...	1.1	1.2	--	--	.06	--	.00	.42	.32	.32

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280228082335901 - ROCKY CREEK LF 73 (LAT 28 02 28 LONG 082 33 59.01)										
JUL , 1976 16...	.38	.08	--	.00	--	.07	--	.14	.01	.00
280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)										
APR , 1975 09...	.41	.30	--	.00	--	.01	--	.37	.04	.00
AUG 22...	--	.60	--	.02	--	.10	--	.17	.04	.08
DEC 10...	.27	--	.43	--	.02	--	.00	.08	--	--
APR , 1976 14...	.29	.33	--	.00	--	.01	--	.09	.04	.03
JUL 15...	.15	--	.40	--	.01	--	.00	.07	--	--
MAY , 1977 18...	.88	.28	--	.00	--	.00	--	.21	.01	.01
280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)										
JAN , 1975 28...	.25	.04	--	.01	--	.08	--	.09	.11	.00
APR , 1976 15...	.06	--	.45	--	.00	--	.00	.10	--	--
MAY , 1977 17...	.15	--	.43	--	.00	--	.00	.15	--	--
280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)										
APR , 1975 09...	.68	.26	--	.00	--	.01	--	.18	.05	.01
JUL , 1976 15...	1.0	.67	--	.01	--	.01	--	.18	.07	.06
MAY , 1977 17...	1.1	2.9	--	.00	--	.01	--	.42	.07	.05

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280233082340701 - ROCKY CREEK LF 89 (LAT 28 02 33 LONG 082 34 07.01)										
APR . 1975										
09...	.79	1.2	--	.00	--	.02	--	.54	.03	.00
JUL . 1976										
19...	1.0	1.2	--	--	.00	--	.01	.56	.03	.02
280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)										
AUG . 1974										
30...	.32	--	.29	--	.00	--	.00	.10	.09	--
JAN . 1975										
27...	.08	.31	--	.00	--	.00	--	.18	.11	.01
APR										
07...	.42	--	.32	--	.00	--	.22	.08	.08	--
AUG										
20...	.50	--	.35	--	.01	--	.01	.08	--	--
DEC										
09...	.80	--	.34	--	.00	--	.00	.09	--	--
APR . 1976										
14...	.07	--	.33	--	.00	--	.00	.09	--	--
JUL										
14...	.10	--	.31	--	.00	--	.00	.08	--	--
MAY . 1977										
02...	.04	--	.30	--	.00	--	.00	.08	--	--
280238082340901 - ROCKY CREEK LF 114 (LAT 28 02 38 LONG 082 34 09.01)										
JAN . 1974										
29...	.47	--	.62	--	.00	--	.00	.09	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
------	---	--	---	--	---	--	---	--	---	--

280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)

AUG , 1974										
27...	.30	--	.15	--	.00	--	.00	.04	.04	--
JAN , 1975										
28...	.30	.14	--	.01	--	.00	--	.13	.11	.03
APR										
03...	.59	.23	--	.00	.01	.02	.13	.13	.04	.01
APR , 1976										
16...	.36	--	.17	--	.00	--	.00	.14	--	.14
JUL										
16...	.42	.18	--	.00	--	.01	--	.13	.03	.03
MAY , 1977										
18...	.41	--	.16	--	.01	--	.00	.04	.01	--

280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)

AUG , 1974										
27...	1.6	--	.44	--	.00	--	.01	.17	.00	--
APR , 1975										
09...	.52	.34	--	.00	--	.01	--	.57	.02	.00

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)										
AUG , 1974										
30...	.26	--	.32	--	.00	--	.00	.12	.10	--
JAN , 1975										
27...	.10	--	.34	--	.00	--	.02	.17	--	--
APR										
08...	.22	--	.40	--	.00	--	.00	--	--	--
AUG										
22...	.10	--	.53	--	.00	--	.01	.08	--	--
DEC										
09...	.42	--	.33	--	.00	--	.00	.10	--	--
APR , 1976										
15...	.13	--	.32	--	.00	--	.00	.16	--	--
JUL										
14...	.12	--	.29	--	.00	--	.00	.04	--	--
MAY , 1977										
02...	.04	--	.00	--	.00	--	.00	.16	--	--
280240082340601 - ROCKY CREEK LF 127 (LAT 28 02 40 LONG 082 34 06.01)										
JAN , 1975										
28...	1.7	1.4	--	.03	--	.02	--	.69	.16	.01
APR										
09...	1.2	1.5	--	.00	--	.01	--	.31	.31	.01
280240082341201 - ROCKY CREEK LF 130 (LAT 28 02 40 LONG 082 34 12.01)										
AUG , 1974										
28...	3.1	.97	--	.00	--	.06	--	3.9	.02	.01
280240082335901 - ROCKY CREEK LF 132 (LAT 28 02 40 LONG 082 33 59.01)										
AUG , 1974										
30...	.72	.05	--	.00	--	.01	--	.08	.05	.00
JAN , 1975										
27...	.20	.11	--	.01	--	.00	--	.11	.12	.00

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, DIS- SOLVED TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED TOTAL (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED TOTAL (MG/L AS P) (00671)
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280242082343502 - ROCKY CREEK LF 143 (LAT 28 02 42 LONG 082 34 35.02)

JAN , 1974										
29...	2.4	.74	--	.01	--	.01	--	--	.10	.08

280242082343501 - ROCKY CREEK LF 144 (LAT 28 02 42 LONG 082 34 35.01)

JAN , 1974										
29...	.27	--	.72	--	.00	--	.00	.27	--	--

280227082341700 - ROCKY CREEK LF SE PERIMETER DITCH (LAT 28 02 27 LONG 082 34 17)

AUG , 1975										
20...	.11	--	--	--	.00	--	.00	--	--	--
DEC 08...	--	--	--	.02	--	.14	--	--	--	--

280235082342500 - ROCKY CREEK LF OXIDATION POND (LAT 28 02 35 LONG 082 34 25)

DEC , 1975										
08...	--	--	--	.00	--	.00	--	--	--	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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280221082342901 - ROCKY CREEK LF 53 (LAT 28 02 21 LONG 082 34 29.01)

APR , 1974							
29...	--	--	--	<1	--	--	<1
AUG							
28...	.5	7	--	<1	--	--	<1
JAN , 1975							
27...	1.3	1	--	<1	--	--	<1
APR							
07...	.8	7	--	<1	--	--	<1
AUG							
20...	1.1	7	--	<1	--	--	<1
DEC							
09...	.9	12	--	816	--	--	<1
APR , 1976							
14...	.7	7	--	857	--	--	<1
JUL							
14...	.7	9	--	<1	--	--	<1
MAY , 1977							
02...	.6	5	--	--	<3	<3	--

280226082342101 - ROCKY CREEK LF 65 (LAT 28 02 26 LONG 082 34 21.01)

AUG , 1975							
22...	2.0	39	--	--	43	4	--
DEC							
09...	1.3	8	--	--	150	4	--
APR , 1976							
14...	.8	--	15	--	15000	93	--
JUL							
14...	2.2	--	35	--	93	<3	--
MAY , 1977							
05...	1.9	53	--	--	<3	<3	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)							
AUG , 1974							
28...	.8	27	--	21	--	--	<1
JAN , 1975							
27...	.9	31	--	--	<3	<3	--
APR							
03...	.2	--	--	--	<3	<3	--
AUG							
20...	1.4	43	--	--	<3	<3	--
DEC							
08...	.8	45	--	--	<3	<3	--
APR , 1976							
16...	.7	42	--	--	1100	240	--
JUL							
15...	1.2	--	28	--	<3	<3	--
MAY , 1977							
05...	1.5	40	--	--	<3	<3	--
280226082342501 - ROCKY CREEK LF 67 (LAT 28 02 26 LONG 082 34 25.01)							
APR , 1976							
16...	1.3	11	--	--	2400	2400	--
MAY , 1977							
05...	4.1	14	--	--	240	9	--
280226082341202 - ROCKY CREEK LF 69 (LAT 28 02 26 LONG 082 34 12.02)							
AUG , 1974							
28...	.5	13	--	27	--	--	<1
280226082341201 - ROCKY CREEK LF 70 (LAT 28 02 26 LONG 082 34 12.01)							
JAN , 1975							
27...	1.2	17	--	86	--	--	84
MAY , 1977							
05...	1.2	27	--	--	150	<3	--
280228082335901 - ROCKY CREEK LF 73 (LAT 28 02 28 LONG 082 33 59.01)							
JUL , 1976							
16...	2.9	23	--	--	93	<3	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
------	---	---	--	---	--	---	--

280228082335902 - ROCKY CREEK LF 74 (LAT 28 02 28 LONG 082 33 59.02)

APR , 1975							
09...	1.8	--	150	--	23	<3	--
AUG							
22...	2.2	33	--	--	<3	<3	--
DEC							
10...	.9	16	--	810	--	--	<1
APR , 1976							
14...	1.1	--	15	--	23	4	--
JUL							
15...	1.3	19	--	--	<3	<3	--
MAY , 1977							
18...	6.0	--	35	--	93	<3	--

280231082343603 - ROCKY CREEK LF 83 (LAT 28 02 31 LONG 082 34 36.03)

JAN , 1975							
28...	1.3	13	--	--	43	<3	--
APR , 1976							
15...	.8	0	--	830	--	--	<1
MAY , 1977							
17...	1.4	8	--	--	43	<3	--

280231082343602 - ROCKY CREEK LF 84 (LAT 28 02 31 LONG 082 34 36.02)

APR , 1975							
09...	11	--	100	--	4	4	--
JUL , 1976							
15...	5.7	--	110	--	<3	<3	--
MAY , 1977							
17...	10	58	--	--	110000	<3	--

280233082340701 - ROCKY CREEK LF 89 (LAT 28 02 33 LONG 082 34 07.01)

APR , 1975							
09...	4.2	--	130	--	9	4	--
JUL , 1976							
19...	4.9	--	110	--	4600	75	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
------	---	---	--	---	--	---	--

280235082335801 - ROCKY CREEK LF 98 (LAT 28 02 35 LONG 082 33 58.01)

AUG , 1974							
30...	--	8	--	--	--	--	--
JAN , 1975							
27...	.6	2	--	--	<3	<3	--
APR							
07...	.7	3	--	<1	--	--	<1
AUG							
20...	.5	10	--	--	4	3	--
DEC							
09...	.4	22	--	--	<3	<3	--
APR , 1976							
14...	6.0	9	--	B10	--	--	<1
JUL							
14...	.6	--	7	<1	--	--	<1
MAY , 1977							
02...	.8	8	--	--	<3	<3	--

280238082340901 - ROCKY CREEK LF 114 (LAT 28 02 38 LONG 082 34 09.01)

JAN , 1974							
29...	--	--	--	0	--	--	0

280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)

AUG , 1974							
27...	13	24	--	B8100	--	--	<1
JAN , 1975							
28...	4.1	28	--	--	<3	<3	--
APR							
03...	1.6	--	--	--	<3	<3	--
APR , 1976							
16...	>6.3	43	--	--	4600	<3	--
JUL							
16...	4.4	--	38	--	43	43	--
MAY , 1977							
18...	1.2	44	--	--	15	<3	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)							
AUG , 1974							
27...	17	--	53	7200	--	--	<1
APR , 1975							
09...	8.9	--	220	--	4	4	--
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)							
AUG , 1974							
30...	--	7	--	--	--	--	--
JAN , 1975							
27...	.4	14	--	<1	--	--	<1
APR							
08...	1.4	8	--	<1	--	--	<1
AUG							
22...	1.0	7	--	<1	--	--	<1
DEC							
09...	.6	13	--	850	--	--	<1
APR , 1976							
15...	.6	15	--	817	--	--	<1
JUL							
14...	1.0	6	--	81	--	--	<1
MAY , 1977							
02...	.8	0	--	--	<3	<3	--
280240082340601 - ROCKY CREEK LF 127 (LAT 28 02 40 LONG 082 34 06.01)							
JAN , 1975							
28...	2.2	--	87	--	460	<3	--
APR							
09...	<3.5	--	140	--	2400	<3	--
280240082341201 - ROCKY CREEK LF 130 (LAT 28 02 40 LONG 082 34 12.01)							
AUG , 1974							
28...	2.8	--	65	4800	--	--	<1

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
------	---	---	--	---	--	---	--

280240082335901 - ROCKY CREEK LF 132 (LAT 28 02 40 LONG 082 33 59.01)

AUG , 1974							
30...	--	23	--	--	--	--	--
JAN , 1975							
27...	1.5	13	--	--	<3	<3	--

280242082343502 - ROCKY CREEK LF 143 (LAT 28 02 42 LONG 082 34 35.02)

JAN , 1974							
29...	--	--	--	21	--	--	<1

280242082343501 - ROCKY CREEK LF 144 (LAT 28 02 42 LONG 082 34 35.01)

JAN , 1974							
29...	--	--	--	850	--	--	0

280227082341700 - ROCKY CREEK LF SE PERIMETER DITCH (LAT 28 02 27 LONG 082 34 17)

AUG , 1975							
20...	1.1	--	--	--	24000	24000	--
DEC							
08...	13	--	--	--	11000	70	--

280235082342500 - ROCKY CREEK LF OXIDATION POND (LAT 28 02 35 LONG 082 34 25)

DEC , 1975							
08...	18	--	--	--	240	93	--

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	DI- AZINON, TOTAL (UG/L) (39570)	ETHION, TOTAL (UG/L) (39398)	MALA- THION, TOTAL (UG/L) (39530)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL TRI- THION, TOTAL (UG/L) (39790)	PARA- THION, TOTAL (UG/L) (39540)	TOTAL TRI- THION (UG/L) (39786)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)										
OCT , 1976 06...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
280238082342603 - ROCKY CREEK LF 117 (LAT 28 02 38 LONG 082 34 26.03)										
OCT , 1976 06...	.00	.00	.00	.00	.00	.00	.00	15	.00	.00
280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)										
JAN , 1977 18...	.00	.00	.00	.00	.00	.00	.00	.17	.05	.00
280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)										
JAN , 1977 18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)										
OCT , 1976 05...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

TABLE 3. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE ROCKY CREEK LANDFILL - CONTINUED

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	LINDANE TOTAL (UG/L) (39340)	TOX- APHENE, TOTAL (UG/L) (39400)	PCB, TOTAL (UG/L) (39516)
280226082342502 - ROCKY CREEK LF 66 (LAT 28 02 26 LONG 082 34 25.02)												
OCT , 1976 06...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
280238082342603 - ROCKY CREEK LF 117 (LAT 28 02 38 LONG 082 34 26.03)												
OCT , 1976 06...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
280238082342602 - ROCKY CREEK LF 118 (LAT 28 02 38 LONG 082 34 26.02)												
JAN , 1977 18...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
280238082342601 - ROCKY CREEK LF 119 (LAT 28 02 38 LONG 082 34 26.01)												
JAN , 1977 18...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
280238082335701 - ROCKY CREEK LF 120 (LAT 28 02 38 LONG 082 33 57.01)												
OCT , 1976 05...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS-SOLVED (MG/L AS C02) (00405)
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)							
APR , 1976							
08...	--	7.6	--	--	--	--	--
JUL							
12...	354	7.4	6.0	5	--	--	--
MAY , 1977							
26...	354	6.7	8.0	--	--	--	--
280101082192801 - EUREKA SPRINGS LF 6 (LAT 28 01 01 LONG 082 19 28.01)							
AUG , 1975							
19...	56	5.4	11	--	--	--	--
DEC							
02...	341	6.7	14	140	--	--	--
MAY , 1977							
26...	308	6.2	10	--	--	--	--
280104082193001 - EUREKA SPRINGS LF 7 (LAT 28 01 04 LONG 082 19 30.01)							
AUG , 1975							
19...	118	5.4	9.0	--	--	--	--
DEC							
02...	130	5.4	9.8	--	--	--	--
APR , 1976							
08...	--	6.4	11	--	--	--	--
MAY							
08...	110	--	9.8	400	--	--	--
MAY , 1977							
31...	120	5.8	10	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKALINITY (MG/L AS CACO3) (00410)	BICARBONATE (MG/L AS HCO3) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)
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280103082193401 - EUREKA SPRINGS LF 8 (LAT 28 01 03 LONG 082 19 34.01)

AUG , 1975							
18...	51	6.5	3.3	--	--	--	--
19...	77	--	--	--	--	--	--
DEC							
02...	120	6.4	7.3	--	--	--	--
JUL , 1976							
12...	120	6.0	9.0	600	--	--	--

280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)

MAY , 1974							
09...	367	--	9.5	--	--	--	--
SEP							
03...	369	7.6	9.6	--	--	--	--
JAN , 1975							
16...	354	7.8	9.5	--	--	--	--
MAR							
28...	369	7.6	9.1	--	--	--	--
AUG							
18...	362	7.6	1.8	--	--	--	--
DEC							
01...	360	7.6	10	--	--	--	--
APR , 1976							
05...	362	7.2	11	2	--	--	--
JUL							
08...	345	7.8	10	3	--	--	--
MAY , 1977							
26...	341	7.0	10	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
------	---	--------------------------	--	---	---	---	--

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

FEB , 1974							
25...	333	--	8.9	--	--	--	--
MAY							
09...	331	-	8.7	--	--	--	--
AUG , 1975							
18...	329	7.6	.6	--	--	--	--
APR , 1976							
13...	326	7.2	11	2	--	--	--
JUL							
08...	330	7.8	9.0	3	--	--	--
MAY , 1977							
25...	345	7.1	8.5	--	--	--	--

280044082202501 - EUREKA SPRINGS LF 68 (LAT 28 00 44 LONG 082 20 25.01)

APR , 1975							
02...	372	--	--	--	--	--	--

280051082202901 - EUREKA SPRINGS LF 72 (LAT 28 00 51 LONG 082 20 29.01)

SEP , 1974							
04...	374	7.7	8.9	--	--	--	--
JAN , 1975							
24...	347	7.9	8.5	--	--	--	--
AUG							
18...	373	7.6	11	--	--	--	--
DEC							
03...	370	7.8	9.8	--	--	--	--
APR , 1976							
05...	375	7.1	10	16	--	--	--
JUL							
09...	385	7.5	10	3	--	--	--
MAY , 1977							
25...	0	7.2	10	--	--	--	--
AUG							
25...	380	--	--	--	--	--	--

280052082202701 - EUREKA SPRINGS LF 79 (LAT 28 00 52 LONG 082 20 27.01)

APR , 1975							
02...	382	7.7	9.0	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
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280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)

FEB , 1974							
25...	371	--	9.2	--	--	--	--
MAY							
09...	356	--	10	--	--	--	--
SEP							
03...	352	7.6	10	--	--	--	--
JAN , 1975							
16...	342	7.8	11	--	--	--	--
MAR							
28...	358	7.7	9.9	--	--	--	--
AUG							
18...	358	7.6	13	--	--	--	--
DEC							
01...	348	7.6	12	--	--	--	--
APR , 1976							
05...	362	7.3	9.8	10	--	--	--
JUL							
08...	340	7.9	11	2	--	--	--
MAY , 1977							
25...	380	7.1	10	--	--	--	--

280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

FEB , 1974							
22...	326	--	7.7	--	--	--	--
MAY							
07...	322	7.6	8.8	--	136	166	6.7
SEP							
03...	321	7.8	7.8	--	--	--	--
JAN , 1975							
16...	312	7.7	8.5	--	--	--	--
MAR							
28...	329	7.6	6.5	--	--	--	--
AUG							
18...	323	7.7	3.4	--	--	--	--
DEC							
01...	320	7.6	10	3	--	--	--
APR , 1976							
05...	333	7.2	10	--	--	--	--
JUL							
08...	326	7.7	8.8	4	--	--	--
MAY , 1977							
25...	340	7.1	8.5	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKALINITY (MG/L AS CACO3) (00410)	BICARBONATE (MG/L AS HCO3) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)
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280052082202901 - EUREKA SPRINGS LF 80 (LAT 28 00 52 LONG 082 20 29.01)

FEB , 1974							
22...	364	--	8.0	--	--	--	--
MAY							
08...	412	--	16	--	--	--	--
SEP							
04...	359	7.8	7.5	--	--	--	--
JAN , 1975							
24...	361	7.8	8.8	--	--	--	--
APR							
02...	377	--	--	--	--	--	--
DEC							
05...	369	7.6	8.0	--	--	--	--
APR , 1976							
07...	--	6.8	11	--	--	--	--
MAY							
07...	368	--	8.8	6	--	--	--
MAY , 1977							
31...	420	6.3	58	--	--	--	--

280052082202902 - EUREKA SPRINGS LF 81 (LAT 28 00 52 LONG 082 20 29.02)

FEB , 1974							
22...	571	--	45	--	--	--	--
MAY							
08...	544	--	40	--	--	--	--
JAN , 1975							
24...	494	7.9	40	--	--	--	--
APR							
02...	525	--	--	--	--	--	--
DEC							
03...	460	7.7	40	--	--	--	--
APR , 1976							
07...	--	--	45	--	--	--	--
MAY							
07...	530	--	46	17	--	--	--
JUL							
09...	800	7.4	60	3	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)							
FEB , 1974							
22...	379	--	8.3	--	--	--	--
MAY							
07...	378	7.6	9.3	--	141	172	6.9
SEP							
04...	377	7.6	9.6	--	--	--	--
JAN , 1975							
23...	356	7.7	8.9	--	--	--	--
JUL , 1976							
09...	500	7.9	25	5	--	--	--
280057082203901 - EUREKA SPRINGS LF 98 (LAT 28 00 57 LONG 082 20 39.01)							
FEB , 1974							
22...	507	--	29	--	--	--	--
MAY							
08...	460	--	19	--	--	--	--
APR , 1976							
07...	--	--	23	--	--	--	--
MAY							
07...	500	--	22	23	--	--	--
280059082201201 - EUREKA SPRINGS LF 104 (LAT 28 00 59 LONG 082 20 12.01)							
SEP , 1974							
04...	349	7.6	7.2	--	--	--	--
JAN , 1975							
23...	332	7.7	7.6	--	--	--	--
DEC							
03...	350	7.7	7.2	--	--	--	--
APR , 1976							
07...	--	7.8	9.4	--	--	--	--
MAY							
07...	351	--	8.4	18	--	--	--
280059082202201 - EUREKA SPRINGS LF 107 (LAT 28 00 59 LONG 082 20 22.01)							
APR , 1975							
01...	389	7.5	14	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS CO2) (00405)
------	--	--------------------------	---	---	--	--	--

280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)

FEB , 1974							
25...	832	--	97	--	--	--	--
MAY							
09...	424	--	37	--	--	--	--
JAN , 1975							
16...	650	6.5	65	--	--	--	--
MAR							
28...	563	6.6	43	--	--	--	--
DEC							
02...	1290	6.0	140	32	--	--	--
JUL , 1976							
09...	2250	6.4	180	40	--	--	--

280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)

FEB , 1974							
25...	348	--	10	--	--	--	--
MAY							
09...	308	--	6.8	--	--	--	--
APR , 1976							
13...	--	--	--	7	--	--	--
JUL							
09...	315	7.8	5.0	5	--	--	--
MAY , 1977							
31...	290	6.7	4.0	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
------	---	--------------------------	--	---	---	---	--

280058082202400 - EUREKA SPRINGS LF SW PERIMETER DITCH (LAT 28 00 58 LONG 082 20 24)

NOV , 1975							
26...	1210	--	49	10	--	--	--

280102082202000 - EUREKA SPRINGS LF OXIDATION POND (LAT 28 01 02 LONG 082 20 20)

AUG , 1975							
19...	224	--	--	--	--	--	--
NOV							
26...	195	--	9.0	5	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)							
MAY , 1977							
26...	67	5.3	4.7	.7	.1	190	--
280101082192801 - EUREKA SPRINGS LF 6 (LAT 28 01 01 LONG 082 19 28.01)							
AUG , 1975							
19...	4.4	.8	5.6	.8	.6	14	--
DEC							
02...	62	6.0	7.0	1.5	.2	180	--
MAY , 1977							
26...	41	5.0	6.0	1.6	.2	120	--
280104082193001 - EUREKA SPRINGS LF 7 (LAT 28 01 04 LONG 082 19 30.01)							
AUG , 1975							
19...	5.2	3.6	5.9	2.1	.5	28	--
DEC							
02...	5.1	3.7	7.3	2.0	.6	28	--
APR , 1976							
08...	4.1	3.9	6.1	2.0	.5	26	--
MAY , 1977							
31...	2.7	3.8	6.5	1.7	.6	22	--
280103082193401 - EUREKA SPRINGS LF 8 (LAT 28 01 03 LONG 082 19 34.01)							
AUG , 1975							
18...	5.5	1.2	4.9	1.1	.5	19	--
DEC							
02...	9.7	2.0	6.8	1.5	.5	32	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)

MAY , 1974							
09...	65	6.3	5.6	.5	.2	190	--
SEP							
03...	63	6.1	5.7	.4	.2	180	--
JAN , 1975							
16...	60	5.7	5.6	.4	.2	170	--
MAR							
28...	62	5.8	5.6	.4	.2	180	--
AUG							
18...	60	5.7	6.2	.6	.2	170	--
DEC							
01...	60	6.1	6.3	.5	.2	180	--
APR , 1976							
05...	58	5.8	5.9	.5	.2	170	--
MAY , 1977							
26...	63	6.9	5.9	.5	.2	190	--

280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)

FEB , 1974							
25...	59	6.1	5.9	.6	.2	170	--
25...	58	3.9	6.2	.8	.2	160	--
MAY							
09...	63	4.0	6.3	.6	.2	170	--
SEP							
03...	64	4.0	6.2	.5	.2	180	--
JAN , 1975							
16...	61	3.8	6.1	.5	.2	170	--
MAR							
28...	64	4.2	6.1	.5	.2	180	--
AUG							
18...	63	3.6	5.9	.5	.2	170	--
DEC							
01...	59	3.9	6.3	.6	.2	160	--
APR , 1976							
05...	57	3.7	6.3	.6	.2	160	--
MAY , 1977							
25...	63	4.4	6.0	.6	.2	180	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
280059082202202 - EUREKA SPRINGS LF 108 (LAT 28 00 59 LONG 082 20 22.02)							
SEP , 1974							
04...	371	7.6	7.6	--	--	--	--
JAN , 1975							
23...	358	7.8	8.7	--	--	--	--
APR							
01...	830	7.8	150	--	--	--	--
280103082202802 - EUREKA SPRINGS LF 129 (LAT 28 01 03 LONG 082 20 28.02)							
JUL , 1976							
12...	200	7.4	8.8	100	--	--	--
280103082202801 - EUREKA SPRINGS LF 130 (LAT 28 01 03 LONG 082 20 28.01)							
APR , 1976							
08...	--	7.4	13	--	--	--	--
MAY							
08...	382	--	13	60	--	--	--
JUL							
12...	470	7.8	11	50	--	--	--
280108082194201 - EUREKA SPRINGS LF 148 (LAT 28 01 08 LONG 082 19 42.01)							
FEB , 1974							
25...	94	--	8.7	--	--	--	--
SEP							
03...	44	6.0	7.4	--	--	--	--
80209082193901 - EUREKA SPRINGS LF 148 A (LAT 28 02 09 LONG 082 19 39.01)							
JAN , 1975							
16...	120	6.6	11	--	--	--	--
DEC							
03...	110	6.6	8.1	--	--	--	--
APR , 1976							
13...	150	6.8	9.9	460	--	--	--

E 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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182193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

B , 1974							
2...	54	4.0	4.9	.5	.2	150	--
Y							
7...	61	3.9	4.9	.5	.2	170	32
P							
3...	59	3.8	4.9	.5	.2	160	--
N , 1975							
6...	57	3.8	5.7	.5	.2	160	--
R							
8...	58	4.0	4.7	.5	.2	160	--
3							
3...	55	3.7	5.0	.5	.2	150	--
5							
1...	55	4.0	5.4	.5	.2	150	--
7 , 1976							
1...	52	3.8	6.3	.5	.2	150	--
7 , 1977							
...	57	4.6	4.8	.5	.2	160	--

2193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

, 1974							
...	57	3.3	5.3	.6	.2	160	--
...	59	3.4	5.2	.5	.2	160	--
, 1975							
...	57	3.2	5.1	.5	.2	160	--
, 1976							
...	54	3.1	5.3	.5	.2	150	--
, 1977							
...	60	3.8	5.3	.5	.2	170	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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280051082202901 - EUREKA SPRINGS LF 72 (LAT 28 00 51 LONG 082 20 29.01)

SEP , 1974							
04...	64	6.4	5.7	.4	.2	190	--
JAN , 1975							
24...	61	6.3	5.5	.4	.2	180	--
AUG							
18...	64	5.9	5.5	.5	.2	180	--
DEC							
03...	62	6.4	6.7	.5	.2	180	--
APR , 1976							
05...	57	5.9	5.8	.5	.2	170	--
MAY , 1977							
25...	66	6.8	5.5	.5	.2	190	--

280052082202701 - EUREKA SPRINGS LF 79 (LAT 28 00 52 LONG 082 20 27.01)

APR , 1975							
02...	65	6.7	5.4	.7	.2	190	--

280052082202901 - EUREKA SPRINGS LF 80 (LAT 28 00 52 LONG 082 20 29.01)

FEB , 1974							
22...	57	6.8	5.6	1.0	.2	170	--
MAY							
08...	70	7.8	6.2	.6	.2	210	--
SEP							
04...	63	6.4	5.4	.5	.2	180	--
JAN , 1975							
24...	62	6.7	5.9	.9	.2	180	--
DEC							
05...	58	6.4	6.5	.8	.2	170	--
APR , 1976							
07...	60	6.2	6.1	.8	.2	180	--
MAY , 1977							
31...	95	20	13	.3	.3	320	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280052082202902 - EUREKA SPRINGS LF 81 (LAT 28 00 52 LONG 082 20 29.02)							
FEB , 1974							
22...	81	15	9.9	1.1	.3	260	--
MAY							
08...	86	14	8.1	.4	.2	270	--
JAN , 1975							
24...	79	13	9.2	.3	.3	250	--
DEC							
03...	60	12	9.4	1.5	.3	200	--
APR , 1976							
07...	78	13	9.3	.3	.3	250	--
280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)							
FEB , 1974							
22...	61	6.4	5.7	.6	.2	180	--
MAY							
07...	66	7.0	5.5	.5	.2	190	53
SEP							
04...	63	7.9	5.5	.5	.2	190	--
JAN , 1975							
23...	63	6.4	5.6	.4	.2	180	--
280057082203901 - EUREKA SPRINGS LF 98 (LAT 28 00 57 LONG 082 20 39.01)							
FEB , 1974							
22...	78	14	5.7	.8	.2	250	--
MAY							
08...	75	11	5.6	.5	.2	230	--
APR , 1976							
07...	80	12	10	.5	.3	250	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
280059082201201 - EUREKA SPRINGS LF 104 (LAT 28 00 59 LONG 082 20 12.01)							
SEP , 1974							
04...	60	6.1	5.3	.5	.2	180	--
JAN , 1975							
23...	57	6.4	5.7	.8	.2	170	--
DEC							
03...	56	6.2	7.0	.7	.2	170	--
APR , 1976							
07...	49	5.8	6.6	.8	.2	150	--
280059082202201 - EUREKA SPRINGS LF 107 (LAT 28 00 59 LONG 082 20 22.01)							
APR , 1975							
01...	63	7.6	7.2	.6	.2	190	--
280059082202202 - EUREKA SPRINGS LF 108 (LAT 28 00 59 LONG 082 20 22.02)							
SEP , 1974							
04...	63	3.8	5.6	.4	.2	170	--
JAN , 1975							
23...	63	6.6	5.5	.4	.2	180	--
APR							
01...	200	48	34	1.2	.6	700	--
280103082202801 - EUREKA SPRINGS LF 130 (LAT 28 01 03 LONG 082 20 28.01)							
APR , 1976							
08...	56	5.7	6.8	5.5	.2	160	--
280108082194201 - EUREKA SPRINGS LF 148 (LAT 28 01 08 LONG 082 19 42.01)							
FEB , 1974							
25...	9.6	1.6	4.7	.4	.4	31	--
SEP							
03...	4.3	.3	5.2	.2	.7	12	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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280209082193901 - EUREKA SPRINGS LF 148 A (LAT 28 02 09 LONG 082 19 39.01)

JAN , 1975							
16...	10	2.9	6.8	.5	.5	37	--
DEC							
03...	12	2.9	6.1	.6	.4	42	--
APR , 1976							
13...	9.0	2.6	6.0	.6	.5	33	--

280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)

FEB , 1974							
25...	85	13	43	6.6	1.1	270	--
MAY							
09...	49	6.0	12	1.6	.4	150	--
JAN , 1975							
16...	64	11	38	7.8	1.2	210	--
MAR							
28...	59	9.2	29	4.9	.9	190	--

280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)

FEB , 1974							
25...	45	7.1	10	7.8	.4	140	--
MAY							
09...	51	5.5	7.8	1.0	.3	150	--
MAY , 1977							
31...	46	7.4	7.2	1.0	.3	150	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC	CADMIUM	CHRO-	COPPER,	LEAD,	MERCURY	ZINC,
	TOTAL	TOTAL	MIUM,	TOTAL	TOTAL	TOTAL	TOTAL
	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-
	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE
(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L
AS AS)	AS CD)	AS CR)	AS CU)	AS PB)	AS HG)	AS ZN)	
(01002)	(01027)	(01034)	(01042)	(01051)	(71900)	(01092)	

280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)

APR , 1976							
08...	2	1	30	3	18	.3	50
JUL							
12...	2	2	20	8	26	.6	50
MAY , 1977							
26...	1	0	40	7	14	.0	80

280101082192801 - EUREKA SPRINGS LF 6 (LAT 28 01 01 LONG 082 19 28.01)

AUG , 1975							
19...	1	0	10	43	14	.3	90
DEC							
02...	5	1	170	45	78	.3	60
MAY , 1977							
26...	1	0	40	16	7	.3	80

280104082193001 - EUREKA SPRINGS LF 7 (LAT 28 01 04 LONG 082 19 30.01)

AUG , 1975							
19...	3	0	20	72	27	.6	100
DEC							
02...	1	0	<10	34	17	.0	10
APR , 1976							
08...	1	1	50	22	20	.3	90
MAY , 1977							
31...	3	0	20	0	9	.0	30

280103082193401 - EUREKA SPRINGS LF 8 (LAT 28 01 03 LONG 082 19 34.01)

AUG , 1975							
18...	23	1	300	110	270	.5	100
DEC							
02...	2	0	<10	30	20	.0	20
JUL , 1976							
12...	1	1	30	8	17	.2	50

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
------	--	--	---	--	--	--	--

280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)

SEP , 1974							
03...	2	0	<10	6	7	.1	0
JAN , 1975							
16...	4	1	20	9	3	.3	60
MAR							
28...	2	1	<10	9	18	.0	70
AUG							
18...	2	1	<10	22	2	.3	40
DEC							
01...	3	0	<10	19	8	.0	20
APR , 1976							
05...	3	0	20	10	0	.1	20
JUL							
08...	3	0	50	2	2	.9	30
MAY , 1977							
26...	1	0	60	2	13	.0	40

280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)

SEP , 1974							
03...	2	1	<10	58	26	.9	150
JAN , 1975							
16...	1	1	<10	83	13	.0	440
MAR							
28...	0	0	<10	90	6	.0	580
AUG							
18...	0	0	<10	90	2	.5	620
DEC							
01...	1	0	<10	80	7	.1	310
APR , 1976							
05...	1	1	10	78	0	.0	450
JUL							
08...	0	0	20	55	1	.7	370
MAY , 1977							
25...	1	0	10	54	7	.0	410

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
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280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

SEP , 1974							
03...	0	1	<10	9	17	.2	150
JAN , 1975							
16...	0	2	<10	7	21	.0	440
MAR							
28...	0	0	<10	9	11	.0	320
AUG							
18...	0	1	<10	10	2	.4	500
DEC							
01...	0	0	<10	4	5	.0	340
APR , 1976							
05...	1	0	20	2	0	.3	300
JUL							
08...	0	0	20	0	2	.6	260
MAY , 1977							
25...	1	0	10	2	5	.0	230

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

AUG , 1975							
18...	0	0	<10	5	3	.4	340
APR , 1976							
13...	0	0	20	2	9	.2	400
MAY , 1977							
25...	1	0	10	2	8	.0	460

280051082202901 - EUREKA SPRINGS LF 72 (LAT 28 00 51 LONG 082 20 29.01)

SEP , 1974							
04...	1	0	<10	4	4	.2	30
JAN , 1975							
24...	1	0	10	9	12	.1	40
AUG							
18...	0	0	<10	6	3	.2	160
DEC							
03...	1	0	<10	1	0	1.1	400
APR , 1976							
05...	1	0	20	1	0	.2	70
JUL							
09...	0	0	10	0	2	1.1	130
MAY , 1977							
25...	2	0	10	0	8	--	320

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280052082202701 - EUREKA SPRINGS LF 79 (LAT 28 00 52 LONG 082 20 27.01)							
APR , 1975 02...	1	1	<10	37	16	.1	70
280052082202901 - EUREKA SPRINGS LF 80 (LAT 28 00 52 LONG 082 20 29.01)							
SEP , 1974 04...	1	1	<10	5	27	.1	60
JAN , 1975 24...	4	0	40	13	10	.5	40
DEC 05...	1	0	<10	22	24	1.4	20
APR , 1976 07...	5	5	60	19	24	.2	80
MAY , 1977 31...	3	9	10	47	150	.4	20000
280052082202902 - EUREKA SPRINGS LF 81 (LAT 28 00 52 LONG 082 20 29.02)							
JAN , 1975 24...	1	0	10	34	50	.1	1900
DEC 03...	1	2	<10	18	38	.3	6600
APR , 1976 07...	1	1	30	22	24	.2	2100
JUL 09...	3	1	20	38	18	.3	3800
280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)							
SEP , 1974 04...	1	1	<10	4	0	.1	160
JAN , 1975 23...	1	0	20	7	13	.4	20
JUL , 1976 09...	4	5	10	41	120	.5	3300

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280057082203901 - EUREKA SPRINGS LF 98 (LAT 28 00 57 LONG 082 20 39.01)							
APR , 1976 07...	2	1	20	7	16	.4	1800
280059082201201 - EUREKA SPRINGS LF 104 (LAT 28 00 59 LONG 082 20 12.01)							
SEP , 1974 04...	3	1	<10	5	28	.1	9
JAN , 1975 23...	4	1	60	22	17	.7	140
DEC 03...	4	0	<10	4	0	.7	80
APR , 1976 07...	3	0	30	4	0	.1	140
280059082202201 - EUREKA SPRINGS LF 107 (LAT 28 00 59 LONG 082 20 22.01)							
APR , 1975 01...	3	1	<10	11	44	.1	70
280059082202202 - EUREKA SPRINGS LF 108 (LAT 28 00 59 LONG 082 20 22.02)							
SEP , 1974 04...	1	2	<10	4	24	.2	0
JAN , 1975 23...	1	0	10	8	4	.1	10
APR 01...	3	0	20	56	39	.3	250
280103082202802 - EUREKA SPRINGS LF 129 (LAT 28 01 03 LONG 082 20 28.02)							
JUL , 1976 12...	11	1	20	5	10	1.2	50

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
280103082202801 - EUREKA SPRINGS LF 130 (LAT 28 01 03 LONG 082 20 28.01)							
APR , 1976							
08...	6	0	20	3	5	.2	20
JUL							
12...	5	1	20	11	18	.2	90
280108082194201 - EUREKA SPRINGS LF 148 (LAT 28 01 08 LONG 082 19 42.01)							
SEP , 1974							
03...	2	11	<10	5	120	.2	80
280209082193901 - EUREKA SPRINGS LF 148 A (LAT 28 02 09 LONG 082 19 39.01)							
JAN , 1975							
16...	12	4	50	21	40	.0	1000
DEC							
03...	8	0	<10	21	12	1.2	160
APR , 1976							
13...	8	0	50	14	20	.3	80
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)							
JAN , 1975							
16...	0	6	20	19	33	.0	18000
MAR							
28...	0	10	<10	8	46	.1	4700
JUL , 1976							
09...	0	4	20	12	64	.6	13000
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)							
JUL , 1976							
09...	0	0	20	0	4	.2	60
MAY , 1977							
31...	3	22	170	22	64	.6	230

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)										
JUL , 1976										
12...	.39	--	.09	--	.00	--	.02	.13	--	--
MAY , 1977										
26...	.07	.47	--	.02	--	.03	--	.49	.01	.00
280101082192801 - EUREKA SPRINGS LF 6 (LAT 28 01 01 LONG 082 19 28.01)										
AUG , 1975										
19...	4.2	.59	--	.00	--	.04	--	.26	.07	.00
DEC										
02...	1.8	2.6	--	.00	--	.02	--	1.8	.08	.13
MAY , 1977										
26...	1.7	1.7	--	.00	--	.04	--	4.0	.20	.03
280104082193001 - EUREKA SPRINGS LF 7 (LAT 28 01 04 LONG 082 19 30.01)										
AUG , 1975										
19...	1.0	.45	--	.00	--	.04	--	.06	.06	.01
DEC										
02...	.64	.51	--	.00	--	.62	--	.78	.10	.16
MAY , 1976										
08...	.81	.52	--	.00	--	.04	--	1.7	.08	.03
MAY , 1977										
31...	.87	.36	--	--	.00	--	.00	.36	.12	.11
280103082193401 - EUREKA SPRINGS LF 8 (LAT 28 01 03 LONG 082 19 34.01)										
AUG , 1975										
19...	.18	.02	--	.00	--	.15	--	1.6	.04	.00
DEC										
02...	.47	.26	--	.02	--	.00	--	1.3	.19	.07
JUL , 1976										
12...	.93	1.9	--	.00	--	.07	--	4.0	.11	.06

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)										
SEP , 1974										
03...	.00	.04	--	.00	--	.00	--	.12	.09	.05
JAN , 1975										
16...	.04	.07	--	.00	--	.00	--	.05	.05	.02
MAR										
28...	.04	--	.06	--	.00	--	.01	.10	--	--
AUG										
18...	.00	--	.05	--	.00	--	.00	.09	--	--
DEC										
01...	.18	--	.05	--	.00	--	.00	.08	--	--
APR , 1976										
05...	.18	--	.04	--	.00	--	.00	.08	--	--
JUL										
08...	.18	--	.04	--	.00	--	.00	.07	--	--
MAY , 1977										
26...	.00	--	.03	--	.00	--	.00	.07	--	--
280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)										
FEB , 1974										
19...	.05	--	.04	--	.00	--	.00	--	--	--
SEP										
03...	.03	.01	--	.04	--	1.3	--	.08	.07	.02
JAN , 1975										
16...	.08	.00	--	.07	--	1.5	--	.04	.04	.02
MAR										
28...	.04	--	.01	--	.14	--	1.4	.06	--	--
AUG										
18...	.02	--	.00	--	.12	--	1.4	.04	--	--
DEC										
01...	.12	--	.00	--	.07	--	1.8	.03	--	--
APR , 1976										
05...	.48	--	.01	--	.13	--	1.3	.04	--	--
JUL										
08...	.24	--	.00	--	.07	--	1.7	.03	--	--
MAY , 1977										
25...	.00	--	.00	--	.10	--	1.5	.02	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
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280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

FEB , 1974										
19...	.08	--	.00	--	.00	--	.00	--	--	--
SEP										
03...	.17	.00	--	.01	--	.21	--	.05	.05	.01
JAN , 1975										
16...	.06	.00	--	.00	--	.10	--	.02	.02	.01
MAR										
28...	.03	--	.02	--	.00	--	.07	.05	--	--
AUG										
18...	.16	--	.01	--	.01	--	.12	.03	--	--
DEC										
01...	.00	--	.00	--	.00	--	.16	.02	--	--
APR , 1976										
05...	.20	--	.00	--	.00	--	.11	.10	--	--
JUL										
08...	.22	--	.00	--	.00	--	.08	.01	--	--
MAY , 1977										
25...	.00	--	.00	--	.00	--	.09	.01	--	--

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

FEB , 1974										
19...	.39	--	.12	--	.16	--	.88	--	--	--
AUG , 1975										
18...	.02	--	.01	--	.05	--	1.4	.14	--	--
APR , 1976										
13...	.00	--	.00	--	.05	--	1.4	.10	--	--
JUL										
08...	.69	--	.00	--	.04	--	1.4	.02	--	--
MAY , 1977										
25...	.00	--	.00	--	.03	--	1.5	.02	--	--

280044082202501 - EUREKA SPRINGS LF 68 (LAT 28 00 44 LONG 082 20 25.01)

APR , 1975										
02...	.38	--	.03	--	.01	--	.03	.07	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
SEP , 1974										
04...	.15	.02	--	.01	--	.07	--	.07	.06	.03
JAN , 1975										
24...	.00	--	.01	--	.01	--	.00	.06	--	--
AUG										
18...	.00	--	.01	--	.02	--	.15	.04	--	--
DEC										
03...	.14	--	.02	--	.02	--	.18	.05	--	--
APR , 1976										
05...	.08	--	.00	--	.00	--	.00	.05	--	--
JUL										
09...	.16	--	.00	--	.01	--	.23	.04	--	--
MAY , 1977										
25...	.00	--	.00	--	.00	--	.02	.03	--	--

280051082202901 - EUREKA SPRINGS LF 72 (LAT 28 00 51 LONG 082 20 29.01)

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
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280052082202901 - EUREKA SPRINGS LF 80 (LAT 28 00 52 LONG 082 20 29.01)

JAN , 1974										
30...	.62	--	.08	—	--	--	--	--	--	--
APR										
30...	.17	--	.05	—	.00	--	.08	.12	.12	.12
SEP										
04...	.01	.00	--	.00	--	.00	--	.33	.03	.01
JAN , 1975										
24...	.61	3.0	--	.00	--	.01	--	20	.14	.01
APR										
02...	.04	--	1.8	—	.01	--	.00	2.1	--	--
DEC										
05...	.40	--	.85	—	.00	--	.00	.26	--	--
MAY , 1976										
07...	.66	.34	--	.00	--	.09	--	22	.03	.01
MAY , 1977										
31...	.00	.02	--	—	.00	--	.00	.06	.03	.03

280052082202902 - EUREKA SPRINGS LF 81 (LAT 28 00 52 LONG 082 20 29.02)

JAN , 1974										
30...	.60	--	.11	—	.00	--	.06	—	.04	.04
APR										
30...	.54	--	.15	—	.00	--	.35	.04	.04	.04
JAN , 1975										
24...	3.6	.04	--	.00	--	.00	--	.17	.05	.01
APR										
02...	.34	--	.21	—	.00	--	.01	.22	--	--
DEC										
03...	1.2	--	2.6	—	.01	--	.03	.30	--	--
MAY , 1976										
07...	1.3	.23	--	.00	--	.08	--	.31	.03	.02
JUL										
09...	.52	--	.32	—	.00	--	.02	.08	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)										
JAN , 1974										
30...	.11	--	.02	--	--	--	--	--	--	--
APR										
30...	.08	--	.02	--	.00	--	.00	.03	--	--
SEP										
04...	.05	.00	--	.00	--	.00	--	.06	.06	.03
JAN , 1975										
23...	.16	--	.01	--	.00	--	.00	.07	--	--
JUL , 1976										
09...	1.4	.35	--	.00	--	.11	--	.16	.01	.01
280057082203901 - EUREKA SPRINGS LF 98 (LAT 28 00 57 LONG 082 20 39.01)										
JAN , 1974										
29...	.46	.08	--	--	--	--	--	--	.04	.00
APR										
30...	.17	--	.20	--	.00	--	.03	.03	.03	.03
MAY , 1976										
07...	.05	--	.12	--	.00	--	.02	.08	--	--
280059082201201 - EUREKA SPRINGS LF 104 (LAT 28 00 59 LONG 082 20 12.01)										
SEP , 1974										
04...	.03	.02	--	.00	--	.00	--	.08	.08	.03
JAN , 1975										
23...	.24	.09	--	.00	--	.01	--	.40	.04	.01
DEC										
03...	.17	--	.23	--	.00	--	.00	.10	--	--
MAY , 1976										
07...	.32	--	.33	--	.00	--	.00	.16	--	--
280059082202201 - EUREKA SPRINGS LF 107 (LAT 28 00 59 LONG 082 20 22.01)										
APR , 1975										
01...	.11	--	.34	--	.01	--	.05	.25	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280059082202202 - EUREKA SPRINGS LF 108 (LAT 28 00 59 LONG 082 20 22.02)										
JAN , 1974										
30...	.11	--	.02	--	--	--	--	--	--	--
APR										
30...	.12	--	.03	--	.00	--	.16	.03	.03	.03
SEP										
04...	.01	.00	--	.00	--	.00	--	.09	.09	.03
JAN , 1975										
23...	.06	--	.02	--	.00	--	.00	.08	--	--
APR										
01...	.41	2.2	--	.00	--	.00	--	.98	.04	.00
280103082202802 - EUREKA SPRINGS LF 129 (LAT 28 01 03 LONG 082 20 28.02)										
JUL , 1976										
12...	1.2	2.8	--	.00	--	.20	--	1.6	.01	.01
280103082202801 - EUREKA SPRINGS LF 130 (LAT 28 01 03 LONG 082 20 28.01)										
MAY , 1976										
08...	1.1	6.1	--	.00	--	.02	--	--	.43	.40
JUL										
12...	.77	--	8.3	--	.00	--	.05	1.4	--	--
280108082194201 - EUREKA SPRINGS LF 148 (LAT 28 01 08 LONG 082 19 42.01)										
FEB , 1974										
20...	.23	.60	--	.00	--	.12	--	--	--	.02
SEP										
03...	.23	.39	--	.00	--	.02	--	.23	.10	.05
280209082193901 - EUREKA SPRINGS LF 148 A (LAT 28 02 09 LONG 082 19 39.01)										
DEC , 1975										
03...	1.2	.70	--	.04	--	.00	--	2.0	.74	1.0
APR , 1976										
13...	.64	.96	--	.08	--	.00	--	2.8	1.8	1.3

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)										
JAN , 1975										
16...	.80	.13	--	.11	--	.75	--	.01	.01	.01
MAR										
28...	.71	--	.10	--	.05	--	6.0	.06	--	--
DEC										
02...	2.0	--	.21	--	.07	--	61	.06	.02	--
JUL , 1976										
09...	.09	--	.74	--	.26	--	140	.04	--	--
280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)										
FEB , 1974										
20...	.79	.08	--	.00	--	1.1	--	--	--	.04
APR , 1976										
13...	.54	--	--	--	--	--	--	.38	--	--
JUL										
09...	.52	--	1.7	--	.00	--	.27	.42	--	--
MAY , 1977										
31...	.45	.07	--	--	.00	--	.03	11	.06	.03
280102082202000 - EUREKA SPRINGS LF OXIDATION POND (LAT 28 01 02 LONG 082 20 20)										
AUG , 1975										
19...	--	--	--	.00	--	.00	--	--	--	--
NOV										
26...	.40	--	.50	--	.00	--	.00	.04	--	--
280058082202400 - EUREKA SPRINGS LF SW PERIMETER DITCH (LAT 28 00 58 LONG 082 20 24)										
NOV , 1975										
26...	1.2	--	.17	--	.00	--	.00	.06	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS.) 100 ML) (31616)
280056082192501 - EUREKA SPRINGS LF 1 (LAT 28 00 56 LONG 082 19 25.01)							
JUL , 1976							
12...	.9	--	20	--	150	4	--
MAY , 1977							
26...	.9	--	1	--	240	4	--
280101082192801 - EUREKA SPRINGS LF 6 (LAT 28 01 01 LONG 082 19 28.01)							
AUG , 1975							
19...	4.3	--	380	--	<3	<3	--
DEC							
02...	4.1	--	25	--	--	--	--
MAY , 1977							
26...	3.2	--	100	--	75	240	--
280104082193001 - EUREKA SPRINGS LF 7 (LAT 28 01 04 LONG 082 19 30.01)							
AUG , 1975							
19...	2.0	--	91	--	<3	<3	--
DEC							
02...	1.3	--	130	--	--	--	--
MAY , 1976							
08...	1.3	--	95	--	4600	240	--
MAY , 1977							
31...	1.2	--	13	--	200	93	--
280103082193401 - EUREKA SPRINGS LF 8 (LAT 28 01 03 LONG 082 19 34.01)							
AUG , 1975							
19...	.4	7	--	--	<3	<3	--
DEC							
02...	1.6	--	53	--	--	--	--
JUL , 1976							
12...	4.2	--	210	--	750	43	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
------	---	---	--	---	--	---	--

280109082192401 - EUREKA SPRINGS LF 21 BASS (LAT 28 01 09 LONG 082 19 24.01)

SEP , 1974							
03...	.5	1	--	B2	--	--	<1
JAN , 1975							
16...	1.1	0	--	<1	--	--	<1
MAR							
28...	.4	2	--	<1	--	--	<1
AUG							
18...	1.6	0	--	<1	--	--	<1
DEC							
01...	.7	4	--	<1	--	--	<1
APR , 1976							
05...	.3	0	--	<1	--	--	<1
JUL							
08...	.7	1	--	<1	--	--	<1
MAY , 1977							
26...	.1	3	--	--	4	<3	--

280112082193101 - EUREKA SPRINGS LF 22 CATON (LAT 28 01 12 LONG 082 19 31.01)

FEB , 1974							
19...	--	--	--	B8	--	--	B2
SEP							
03...	.2	0	--	B15	--	--	<1
JAN , 1975							
16...	.6	0	--	<1	--	--	<1
MAR							
28...	.5	0	--	<1	--	--	<1
AUG							
18...	<1.0	0	--	<1	--	--	<1
DEC							
01...	.9	9	--	<1	--	--	<1
APR , 1976							
05...	.1	0	--	<1	--	--	<1
JUL							
08...	.5	0	--	<1	--	--	<1
MAY , 1977							
25...	.2	0	--	<1	--	--	<1

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
------	---	---	--	---	--	---	--

280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

FEB , 1974							
19...	--	--	--	19	--	--	0
SEP							
03...	.5	0	--	813	--	--	1
JAN , 1975							
16...	.6	2	--	1900	--	--	<1
MAR							
28...	.3	0	--	<1	--	--	<1
AUG							
18...	1.3	0	--	<1	--	--	<1
DEC							
01...	1.0	3	--	<1	--	--	<1
APR , 1976							
05...	.1	0	--	<1	--	--	<1
JUL							
08...	.9	0	--	<1	--	--	<1
MAY , 1977							
25...	.2	0	--	<1	--	--	<1

280117082193201 - EUREKA SPRINGS LF 24 GREY (LAT 28 01 17 LONG 082 19 32.01)

FEB , 1974							
19...	--	--	--	320	--	--	0
AUG , 1975							
18...	1.2	0	--	<1	--	--	<1
APR , 1976							
13...	.6	0	--	81	--	--	<1
JUL							
08...	.3	0	--	<1	--	--	<1
MAY , 1977							
25...	.2	0	--	81	--	--	<1

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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280044082202501 - EUREKA SPRINGS LF 68 (LAT 28 00 44 LONG 082 20 25.01)

APR , 1975							
02...	.5	19	--	<1	--	--	<1

280051082202901 - EUREKA SPRINGS LF 72 (LAT 28 00 51 LONG 082 20 29.01)

SEP , 1974							
04...	.1	13	--	B3	--	--	<1
JAN , 1975							
24...	.7	1	--	B1	--	--	<1
AUG							
18...	1.2	1	--	<1	--	--	<1
DEC							
03...	.4	0	--	--	--	--	--
APR , 1976							
05...	.1	1	--	<1	--	--	<1
JUL							
09...	.8	0	--	<1	--	--	<1
MAY , 1977							
25...	E.0	0	--	<1	--	--	<1

280052082202901 - EUREKA SPRINGS LF 80 (LAT 28 00 52 LONG 082 20 29.01)

JAN , 1974							
30...	--	--	--	>2700	--	--	>200
APR							
30...	--	--	--	--	--	--	1
30...	--	--	--	340	--	--	<1
SEP							
04...	.6	13	--	1300	--	--	<1
JAN , 1975							
24...	3.6	15	--	--	15000	9300	--
APR							
02...	--	8	--	--	23	9	--
DEC							
05...	5.2	13	--	--	--	--	--
MAY , 1976							
07...	2.0	12	--	--	4600	23	--
MAY , 1977							
31...	1.0	2	--	--	93	150	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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280052082202902 - EUREKA SPRINGS LF 81 (LAT 28 00 52 LONG 082 20 29.02)

JAN , 1974							
30...	--	--	--	>2700	--	--	>200
APR							
30...	--	--	--	210	--	--	<1
JAN , 1975							
24...	1.0	4	--	220	--	--	<1
APR							
02...	3.6	41	--	--	3	<3	--
DEC							
03...	7.6	43	--	--	--	--	--
MAY , 1976							
07...	2.6	20	--	--	240	93	--
JUL							
09...	2.8	11	--	--	15	9	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)

JAN , 1974							
30...	--	--	--	<1	--	--	0
APR							
30...	--	--	--	<1	--	--	<1
SEP							
04...	.2	9	--	41	--	--	<1
JAN , 1975							
23...	.8	2	--	<1	--	--	<1
JUL , 1976							
09...	4.9	27	--	--	11000	460	--

280057082203901 - EUREKA SPRINGS LF 98 (LAT 28 00 57 LONG 082 20 39.01)

JAN , 1974							
30...	--	--	--	835	--	--	0
APR							
30...	--	--	--	<1	--	--	<1
MAY , 1976							
07...	.5	9	--	--	4	<3	--

280059082201201 - EUREKA SPRINGS LF 104 (LAT 28 00 59 LONG 082 20 12.01)

SEP , 1974							
04...	.0	0	--	53	--	--	1
JAN , 1975							
23...	1.2	8	--	--	240	40	--
DEC							
03...	.2	2	--	--	--	--	--
MAY , 1976							
07...	.5	1	--	--	14	<3	--

280059082202201 - EUREKA SPRINGS LF 107 (LAT 28 00 59 LONG 082 20 22.01)

APR , 1975							
01...	.3	7	--	--	--	--	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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280116082193502 - EUREKA SPRINGS LF 149 (LAT 28 01 16 LONG 082 19 35.02)

JAN , 1975							
16...	.7	21	--	83	--	--	81
MAR							
28...	.7	21	--	867	--	--	<1
DEC							
02...	.8	--	76	--	--	--	--
JUL , 1976							
09...	.6	--	0	--	<3	<3	--

280116082193501 - EUREKA SPRINGS LF 150 (LAT 28 01 16 LONG 082 19 35.01)

FEB , 1974							
20...	--	--	--	2300	--	--	>400
APR , 1976							
13...	1.3	--	--	--	--	--	--
JUL							
09...	1.9	10	--	2000	--	--	370
MAY , 1977							
31...	.9	0	--	--	4	<3	--

280102082202000 - EUREKA SPRINGS LF OXIDATION POND (LAT 28 01 02 LONG 082 20 20)

AUG , 1975							
19...	1.2	--	--	--	--	--	--
NOV							
26...	1.0	8	--	--	21	7	--

280058082202400 - EUREKA SPRINGS LF SW PERIMETER DITCH (LAT 28 00 58 LONG 082 20 24)

NOV , 1975							
26...	4.9	31	--	--	930	430	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
280059082202202 - EUREKA SPRINGS LF 108 (LAT 28 00 59 LONG 082 20 22.02)							
JAN , 1974							
30...	--	--	--	--	--	--	0
APR							
30...	--	--	--	820	--	--	<1
SEP							
04...	5.1	0	--	853	--	--	1
JAN , 1975							
23...	.6	8	--	81	--	--	<1
APR							
01...	1.5	38	--	--	--	--	--
280103082202802 - EUREKA SPRINGS LF 129 (LAT 28 01 03 LONG 082 20 28.02)							
JUL , 1976							
12...	1.7	--	48	--	4600	23	--
280103082202801 - EUREKA SPRINGS LF 130 (LAT 28 01 03 LONG 082 20 28.01)							
MAY , 1976							
08...	2.9	--	3	--	150000	1100	--
JUL							
12...	5.4	--	36	--	4	4	--
280108082194201 - EUREKA SPRINGS LF 148 (LAT 28 01 08 LONG 082 19 42.01)							
SEP , 1974							
03...	.8	3	--	1800	--	--	<1
280209082193901 - EUREKA SPRINGS LF 148 A (LAT 28 02 09 LONG 082 19 39.01)							
DEC , 1975							
03...	1.2	28	--	--	--	--	--
APR , 1976							
13...	.7	--	31	--	3900	3900	--

TABLE 4. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE EUREKA SPRINGS LANDFILL - CONTINUED

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	LINDANE TOTAL (UG/L) (39340)	TOX- APHENE, TOTAL (UG/L) (39400)	PCB, TOTAL (UG/L) (39516)
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280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

OCT , 1976 07...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
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280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)

OCT , 1976 07...	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
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DATE	DI- AZINON, TOTAL (UG/L) (39570)	ETHION, TOTAL (UG/L) (39398)	MALA- THION, TOTAL (UG/L) (39530)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL TRI- THION, TOTAL (UG/L) (39790)	PARA- THION, TOTAL (UG/L) (39540)	TOTAL TRI- THION TOTAL (UG/L) (39786)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)
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280116082193601 - EUREKA SPRINGS LF 23 GREEN (LAT 28 01 16 LONG 082 19 36.01)

OCT , 1976 07...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
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280057082203903 - EUREKA SPRINGS LF 96 (LAT 28 00 57 LONG 082 20 39.03)

OCT , 1976 07...	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
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TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	COLOR (PLATINUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CaCO3) (00410)	BICARBONATE (MG/L AS HCO3) (00440)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2) (00405)
274952082231201 - GIBSONTON LF 223 (LAT 27 49 52 LONG 082 23 12.01)							
JUL , 1976							
13...	3650	7.2	--	20	--	--	--
JUN , 1977							
01...	3480	7.0	640	--	--	--	--
274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)							
JAN , 1974							
31...	2950	--	520	--	--	--	--
APR							
29...	3010	--	540	--	--	--	--
SEP							
05...	3480	7.3	650	--	--	--	--
JAN , 1975							
15...	3370	7.6	650	--	--	--	--
APR							
10...	--	--	--	--	--	--	--
AUG							
25...	3000	7.3	540	55	--	--	--
NOV							
20...	--	--	570	--	--	--	--
25...	--	7.2	--	--	--	--	--
26...	3190	7.2	580	41	180	220	22
MAR , 1976							
30...	--	7.4	--	--	--	--	--
30...	3050	--	560	31	--	--	--
JUL							
13...	3860	7.2	620	20	--	--	--
JUN , 1977							
01...	3400	7.4	--	--	--	--	--
274934082231101 - GIBSONTON LF 241 (LAT 27 49 34 LONG 082 23 11.01)							
JAN , 1974							
31...	33000	--	12000	--	--	--	--
APR							
29...	34100	--	13000	--	--	--	--
SEP							
05...	31000	7.1	11000	--	--	--	--
JAN , 1975							
15...	26200	7.0	9200	--	--	--	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
274940082231001 - GIBSONTON LF 243 (LAT 27 49 40 LONG 082 23 10.01)							
JAN , 1974							
31...	4250	--	940	--	--	--	--
APR							
29...	4450	--	260	--	--	--	--
SEP							
05...	4720	7.1	1100	--	--	--	--
JAN , 1975							
15...	4260	7.1	850	--	--	--	--
APR							
11...	4150	--	--	--	--	--	--
274935082230401 - GIBSONTON LF 244 WARD (LAT 27 49 35 LONG 082 23 04.01)							
JAN , 1974							
31...	7000	--	1900	--	--	--	--
APR							
29...	8520	--	2400	--	--	--	--
SEP							
05...	7750	7.4	2400	--	--	--	--
JAN , 1975							
15...	7930	7.4	2100	--	--	--	--
APR							
10...	9100	--	--	--	--	--	--
AUG							
25...	7800	7.3	2300	19	--	--	--
NOV							
25...	6900	7.1	1900	32	164	200	25
MAR , 1976							
30...	--	7.1	--	--	--	--	--
31...	8800	--	2600	15	--	--	--
JUN , 1977							
01...	9000	7.2	2600	--	--	--	--
274945082231500 - GIBSONTON LF PERIMETER DITCH (LAT 27 49 45 LONG 082 23 15)							
AUG , 1975							
25...	4280	--	--	--	--	--	--
NOV							
25...	27000	7.6	9000	40	--	--	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
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274955082231400 - GIBSONTON LF OXIDATION POND (LAT 27 49 55 LONG 082 23 14)

AUG , 1975							
25...	18800	--	--	34	--	--	--
NOV							
25...	12500	8.2	3900	100	--	--	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
274952082231201 - GIBSONTON LF 223 (LAT 27 49 52 LONG 082 23 12.01)							
JUN , 1977							
01...	300	130	310	8.8	3.8	1300	--
274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)							
APR , 1974							
29...	270	110	260	9.3	3.4	1100	--
SEP							
05...	300	110	300	12	3.8	1200	--
JAN , 1975							
15...	130	120	310	10	4.7	820	--
AUG							
25...	220	94	300	8.3	4.3	940	--
NOV							
20...	260	110	290	8.3	3.8	1100	--
MAR , 1976							
30...	250	100	270	7.8	3.7	1000	--
JUN , 1977							
01...	290	110	290	9.4	3.7	1200	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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274934082231101 - GIBSONTON LF 241 (LAT 27 49 34 LONG 082 23 11.01)

APR , 1974							
29...	350	740	7000	62	49	3900	--
SEP							
05...	270	660	6000	220	45	3400	--
JAN , 1975							
15...	200	460	5400	200	48	2400	--

274940082231001 - GIBSONTON LF 243 (LAT 27 49 40 LONG 082 23 10.01)

APR , 1974							
29...	350	95	540	3.2	6.6	1300	--
SEP							
05...	390	90	520	3.2	6.2	1300	--
JAN , 1975							
15...	290	77	480	3.0	6.5	1000	--

274935082230401 - GIBSONTON LF 244 WARD (LAT 27 49 35 LONG 082 23 04.01)

APR , 1974							
29...	460	250	1000	25	9.3	2200	--
SEP							
05...	420	220	970	16	9.5	2000	--
JAN , 1975							
15...	360	180	1000	20	11	1600	--
AUG							
25...	430	210	970	20	9.6	1900	--
NOV							
25...	410	190	840	18	8.6	1800	1600
MAR , 1976							
30...	450	230	1400	23	13	2100	--
JUN , 1977							
01...	480	240	1200	24	11	2200	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
274952082231201 - GIBSONTON LF 223 (LAT 27 49 52 LONG 082 23 12.01)										
JUL , 1976										
13...	.53	2.3	--	.00	--	.05	--	.42	.09	.09
JUN , 1977										
01...	.52	.79	--	.00	--	1.2	--	2.2	.02	.01
274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)										
SEP , 1974										
05...	.42	1.0	--	.00	--	.00	--	.18	.04	.02
JAN , 1975										
15...	.65	1.2	--	.00	--	.00	--	.43	.02	.02
APR										
10...	.73	12	14	.01	--	.03	--	1.8	1.2	1.2
AUG										
25...	.41	--	.92	--	.01	--	.00	.26	--	--
NOV										
26...	.32	--	.60	--	.02	--	.03	.12	--	--
MAR , 1976										
30...	.29	--	1.9	--	.00	--	.00	.42	--	--
JUL										
13...	.69	.90	--	.00	--	.02	--	.73	.04	.03
274934082231101 - GIBSONTON LF 241 (LAT 27 49 34 LONG 082 23 11.01)										
SEP , 1974										
05...	.78	.40	--	.00	--	.00	--	--	.54	.51
JAN , 1975										
15...	1.1	.47	--	.00	--	.01	--	2.7	1.2	1.2
274940082231001 - GIBSONTON LF 243 (LAT 27 49 40 LONG 082 23 10.01)										
SEP , 1974										
05...	.49	.80	--	.00	--	.00	--	.51	.03	.00
JAN , 1975										
15...	.53	.69	--	.00	--	.00	--	.76	.00	.00
APR										
11...	.83	.45	--	.00	--	.02	--	2.6	.02	.01

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
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274935082230401 - GIBSONTON LF 244 WARD (LAT 27 49 35 LONG 082 23 04.01)

SEP , 1974										
05...	.12	.94	--	.00	--	.00	--	.18	.16	.13
JAN , 1975										
15...	.12	.96	--	.00	--	.00	--	.08	.08	.08
APR										
10...	.18	1.1	--	.00	--	.00	--	.35	.31	.31
AUG										
25...	.22	--	1.0	--	.00	--	.00	.21	--	--
NOV										
25...	.19	.94	--	.00	--	.00	--	.20	.06	.06
MAR , 1976										
31...	.18	--	1.0	--	.00	--	.00	.18	--	--
JUN , 1977										
01...	.37	1.0	--	.00	--	.01	--	.24	.04	.04

274945082231500 - GIBSONTON LF PERIMETER DITCH (LAT 27 49 45 LONG 082 23 15)

AUG , 1975										
25...	--	--	--	--	.05	--	.04	--	--	--
NOV										
25...	1.2	3.0	--	.02	--	.04	--	1.4	1.2	1.4

274955082231400 - GIBSONTON LF OXIDATION POND (LAT 27 49 55 LONG 082 23 14)

AUG , 1975										
25...	--	--	--	--	.00	--	.50	--	--	--
NOV										
25...	4.1	2.0	--	.01	--	.00	--	.26	.08	.02

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	ARSENIC	CADMIUM	CHRO-	COPPER,	LEAD,	MERCURY	ZINC,
	TOTAL	TOTAL	MIUM,	TOTAL	TOTAL	TOTAL	TOTAL
	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-	RECOV-
	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE
	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L
	AS AS)	AS CD)	AS CR)	AS CU)	AS PB)	AS HG)	AS ZN)
	(01002)	(01027)	(01034)	(01042)	(01051)	(71900)	(01092)

274952082231201 - GIBSONTON LF 223 (LAT 27 49 52 LONG 082 23 12.01)

JUN , 1977							
01...	20	0	20	6	10	.3	60

274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)

SEP , 1974							
05...	1	7	10	4	31	.1	100
JAN , 1975							
15...	1	1	10	13	15	.1	60
AUG							
25...	0	0	<10	8	10	.1	200
NOV							
25...	1	0	<10	25	7	.0	70
MAR , 1976							
30...	1	1	<10	4	26	.1	30
JUL							
13...	2	2	20	9	26	.1	140
JUN , 1977							
01...	2	0	10	0	5	.0	40

274934082231101 - GIBSONTON LF 241 (LAT 27 49 34 LONG 082 23 11.01)

SEP , 1974							
05...	1	7	10	8	44	.2	490
JAN , 1975							
15...	1	1	50	15	12	.6	130

274940082231001 - GIBSONTON LF 243 (LAT 27 49 40 LONG 082 23 10.01)

SEP , 1974							
05...	2	5	10	5	16	.3	30
JAN , 1975							
15...	4	7	10	10	16	.8	40

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	ARSENIC	CADMIUM	CHRO-	COPPER,	LEAD,	MERCURY	ZINC,
	TOTAL	TOTAL	MIUM,	TOTAL	TOTAL	TOTAL	TOTAL
	RECOV-	RECOV-	TOTAL	RECOV-	RECOV-	RECOV-	RECOV-
	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE	ERABLE
(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L	(UG/L
AS AS)	AS CD)	AS CR)	AS CU)	AS PB)	AS HG)	AS ZN)	
(01002)	(01027)	(01034)	(01042)	(01051)	(71900)	(01092)	

274935082230401 - GIBSONTON LF 244 WARD (LAT 27 49 35 LONG 082 23 04.01)

SEP , 1974							
05...	1	1	10	6	22	.1	390
JAN , 1975							
15...	0	1	10	11	18	.1	330
AUG							
25...	0	0	<10	8	5	.1	580
NOV							
25...	0	0	<10	74	13	.2	360
MAR , 1976							
30...	0	0	10	20	12	.0	160
JUN , 1977							
01...	2	0	20	6	24	.4	3800

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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274952082231201 - GIBSONTON LF 223 (LAT 27 49 52 LONG 082 23 12.01)

JUL , 1976							
13...	6.5	--	40	--	<3	<3	--
JUN , 1977							
01...	1.9	--	44	--	240	<3	--

274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)

SEP , 1974							
05...	1.4	--	55	770	--	--	80
JAN , 1975							
15...	4.6	33	--	--	240	<3	--
APR							
10...	7.0	--	53	>8000	--	--	81
AUG							
25...	4.6	35	--	8600	--	--	823
NOV							
26...	2.3	21	--	830	--	--	<3
MAR , 1976							
30...	2.9	22	--	--	15	<3	--
JUL							
13...	2.2	--	63	--	7	7	--

274934082231101 - GIBSONTON LF 241 (LAT 27 49 34 LONG 082 23 11.01)

SEP , 1974							
05...	1.8	--	950	480	--	--	84
JAN , 1975							
15...	2.0	0	--	--	15	<3	--

274940082231001 - GIBSONTON LF 243 (LAT 27 49 40 LONG 082 23 10.01)

SEP , 1974							
05...	.0	--	70	600	--	--	<1
JAN , 1975							
15...	1.9	--	120	--	43	<3	--
APR							
11...	1.6	--	86	--	150	<3	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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274935082230401 - GIBSONTON LF 244 WARD (LAT 27 49 35 LONG 082 23 04.01)

SEP , 1974							
05...	2.4	--	87	2700	--	--	130
JAN , 1975							
15...	2.5	24	--	29	--	--	81
APR							
10...	.8	--	130	--	20	<3	--
AUG							
25...	3.4	25	--	700	--	--	140
NOV							
25...	2.6	--	67	1000	--	--	84
MAR , 1976							
31...	1.6	30	--	--	11000	150	--
JUN , 1977							
01...	3.2	--	90	--	240	43	--

274945082231500 - GIBSONTON LF PERIMETER DITCH (LAT 27 49 45 LONG 082 23 15)

AUG , 1975							
25...	4.3	--	--	--	4600	930	--
NOV							
25...	4.5	--	190	--	--	--	--

274955082231400 - GIBSONTON LF OXIDATION POND (LAT 27 49 55 LONG 082 23 14)

AUG , 1975							
25...	9.0	--	--	--	23	4	--
NOV							
25...	>9.8	--	300	--	--	--	--

TABLE 5. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE GIBSONTON LANDFILL - CONTINUED

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	LINDBANE TOTAL (UG/L) (39340)	TOX- APHENE, TOTAL (UG/L) (39400)	PCB, TOTAL (UG/L) (39516)
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274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)

OCT . 1976	.00	.0	.00	.00	.00	.00	.00	.00	.00	.00	0	.0
08...												

DATE	DI- AZINON, TOTAL (UG/L) (39570)	ETHION, TOTAL (UG/L) (39398)	MALA- THION, TOTAL (UG/L) (39530)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL TRI- THION, TOTAL (UG/L) (39790)	PARA- THION, TOTAL (UG/L) (39540)	TOTAL TRI- THION TOTAL (UG/L) (39786)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)
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274952082231202 - GIBSONTON LF 223A (LAT 27 49 52 LONG 082 23 12.02)

OCT . 1976	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
08...										

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS-SOLVED (MG/L AS C02) (00405)
274353082255002 - RUSKIN LF 112 A (LAT 27 43 53 LONG 082 25 50.02)							
FEB , 1974							
05...	860	--	28	--	--	--	--
APR							
29...	853	--	31	--	--	--	--
274352082255101 - RUSKIN LF 114 (LAT 27 43 52 LONG 082 25 51.01)							
FEB , 1974							
05...	850	--	21	--	--	--	--
APR							
29...	822	--	22	--	--	--	--
274346082254201 - RUSKIN LF 123 (LAT 27 43 46 LONG 082 25 42.01)							
FEB , 1974							
04...	1500	--	120	--	--	--	--
APR							
29...	1450	--	120	--	--	--	--
AUG , 1975							
25...	1380	7.4	210	13	295	360	22
OCT							
08...	1100	--	61	--	--	--	--
MAR , 1976							
30...	--	7.5	--	--	--	--	--
31...	5200	--	170	8	--	--	--
JUN , 1977							
01...	1180	7.4	70	--	--	--	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	SPECIFIC CONDUCTANCE (MICRO-MHOS) (00095)	PH (UNITS) (00400)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	COLOR (PLATINUM-COBALT UNITS) (00080)	ALKALINITY (MG/L AS CAC03) (00410)	BICARBONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DISSOLVED (MG/L AS CO2) (00405)
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274345082255001 - RUSKIN LF 132 (LAT 27 43 45 LONG 082 25 50.01)

FEB , 1974							
05...	760	--	24	--	--	--	--
APR 29...	756	--	26	--	--	--	--
JAN , 1975							
14...	755	7.6	27	--	--	--	--
APR 10...	700	7.7	25	--	--	--	--
AUG 25...	740	7.5	35	100	262	320	15
OCT 08...	790	7.5	29	5	262	320	13
NOV 25...	760	7.5	25	200	246	300	15
MAR , 1976							
30...	--	7.7	21	--	--	--	--
31...	680	--	25	17	--	--	--
JUN , 1977							
01...	800	7.2	26	--	--	--	--

274345082254001 - RUSKIN LF 141 WILLIS (LAT 27 43 45 LONG 082 25 45.01)

FEB , 1974							
04...	750	--	19	--	--	--	--
APR 29...	753	--	21	--	--	--	--
JAN , 1975							
16...	744	7.7	21	--	--	--	--
APR 10...	778	7.8	20	--	--	--	--
AUG 25...	770	7.7	29	13	164	200	6.4
MAR , 1976							
30...	--	7.7	26	--	--	--	--
31...	770	--	22	22	--	--	--
JUN , 1977							
01...	780	7.8	20	--	--	--	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	SPE- CIFIC CON- DUCT- ANCE (MICRO- MHOS) (00095)	PH (UNITS) (00400)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	ALKA- LINITY (MG/L AS CAC03) (00410)	BICAR- BONATE (MG/L AS HC03) (00440)	CARBON DIOXIDE DIS- SOLVED (MG/L AS C02) (00405)
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274353082255000 - RUSKIN LF OXIDATION POND (LAT 27 43 53 LONG 082 25 50)

AUG , 1975							
25...	1630	7.9	130	380	714	870	17
OCT , 1975							
08...	770	7.4	37	75	156	190	12
NOV							
24...	1410	8.1	127	200	--	--	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
274353082255002 - RUSKIN LF 112 A (LAT 27 43 53 LONG 082 25 50.02)							
APR , 1974							
29...	150	6.4	36	.5	.8	400	--
274352082255101 - RUSKIN LF 114 (LAT 27 43 52 LONG 082 25 51.01)							
APR , 1974							
29...	150	12	23	.7	.5	420	--
274346082254201 - RUSKIN LF 123 (LAT 27 43 46 LONG 082 25 42.01)							
APR , 1974							
29...	200	27	110	1.1	1.9	610	--
AUG , 1975							
25...	560	25	99	1.1	1.1	1500	1200
OCT							
08...	130	19	99	1.0	2.1	400	--
MAR , 1976							
30...	220	8.3	120	1.1	2.2	580	--
JUN , 1977							
01...	270	27	120	.9	1.9	790	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM AD- SORP- TION RATIO (00931)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)
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274345082255001 - RUSKIN LF 132 (LAT 27 43 45 LONG 082 25 50.01)

APR , 1974							
29...	120	27	26	.6	.6	410	--
JAN , 1975							
14...	110	20	28	.5	.6	360	--
APR							
10...	110	25	27	.4	.6	380	--
AUG							
25...	100	22	26	.6	.6	340	77
OCT							
08...	110	22	28	.7	.6	370	110
NOV							
25...	110	23	26	.7	.6	370	120
MAR , 1976							
30...	110	24	28	.5	1.1	130	--
JUN , 1977							
01...	110	25	28	.5	.6	380	--

274345082254001 - RUSKIN LF 141 WILLIS (LAT 27 43 45 LONG 082 25 45.01)

APR , 1974							
29...	90	43	16	2.5	.3	400	--
JAN , 1975							
16...	87	35	15	2.3	.3	360	--
APR							
10...	88	41	15	2.2	.3	390	--
AUG							
25...	90	43	15	2.2	.3	400	240
MAR , 1976							
30...	90	42	16	2.2	.3	400	--
JUN , 1977							
01...	97	43	15	2.3	.3	420	--

274353082255000 - RUSKIN LF OXIDATION POND (LAT 27 43 53 LONG 082 25 50)

AUG , 1975							
25...	180	29	80	67	1.5	570	0

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
274346082254201 - RUSKIN LF 123 (LAT 27 43 46 LONG 082 25 42.01)										
AUG , 1975										
25... 99		--	.50	--	.00	--	.00	.09	--	--
MAR , 1976										
31... .18		--	.56	--	.01	--	.00	.36	--	--
JUN , 1977										
01... .15		.24	--	.00	--	270	--	.93	.22	.22
274345082255001 - RUSKIN LF 132 (LAT 27 43 45 LONG 082 25 50.01)										
JAN , 1974										
14... .30		.09	--	.00	--	.00	--	.05	.00	.00
APR , 1975										
10... .24		.33	--	.01	--	.00	--	.48	.13	.13
AUG										
25... .40		--	.25	--	.01	--	.00	.34	--	--
OCT										
08... --		--	--	--	.01	--	.00	--	--	--
NOV										
25... .40		.10	--	.00	--	.03	--	.87	.03	.01
MAR , 1976										
31... .78		--	.08	--	.00	--	.00	.08	--	--
JUN , 1977										
01... .36		.03	--	.00	--	220	--	.37	.34	.34

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER
SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P) (00671)
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274345082254001 - RUSKIN LF 141 WILLIS (LAT 27 43 45 LONG 082 25 45.01)

JAN , 1975										
14...	.14	.34	--	.00	--	.00	--	.00	.00	.00
APR										
10...	.14	.32	--	.00	--	.00	--	.02	.01	.00
AUG										
25...	.13	--	.36	--	.00	--	.00	.03	--	--
MAR , 1976										
31...	.13	--	.33	--	.00	--	.00	.02	--	--
JUN , 1977										
01...	.00	--	.26	--	.00	--	.00	.01	--	--

274353082255000 - RUSKIN LF OXIDATION POND (LAT 27 43 53 LONG 082 25 50)

AUG , 1975										
25...	--	5.1	--	.01	--	.00	--	3.2	1.5	1.3
OCT , 1975										
08...	--	--	--	--	.00	--	.01	--	--	--
NOV										
24...	5.6	2.9	--	.01	--	.00	--	1.3	.15	.16

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)
------	--	--	--	--	--	--	--

274346082254201 - RUSKIN LF 123 (LAT 27 43 46 LONG 082 25 42.01)

AUG , 1975							
25...	--	0	10	2	10	--	30
MAR , 1976							
30...	19	0	<10	10	8	.1	50
JUN , 1977							
01...	12	0	20	3	7	.0	60

274345082255001 - RUSKIN LF 132 (LAT 27 43 45 LONG 082 25 50.01)

JAN , 1975							
14...	25	1	20	14	12	.4	50
APR							
10...	15	0	<10	14	10	.0	20
AUG							
25...	--	0	10	8	4	--	10
OCT							
08...	26	--	--	--	--	.2	--
NOV							
25...	28	3	<10	19	47	1.2	60
MAR , 1976							
30...	8	1	<10	8	19	.1	50
JUN , 1977							
01...	1	0	20	2	7	.0	60

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	ARSENIC	CADMIUM	CHROMIUM,	COPPER,	LEAD,	MERCURY	ZINC,
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE	RECOVERABLE
	(UG/L AS AS) (01002)	(UG/L AS CD) (01027)	(UG/L AS CR) (01034)	(UG/L AS CU) (01042)	(UG/L AS PB) (01051)	(UG/L AS HG) (71900)	(UG/L AS ZN) (01092)

274345082254001 - RUSKIN LF 141 WILLIS (LAT 27 43 45 LONG 082 25 45.01)

JAN , 1975							
16...	0	0	<10	7	0	.0	380
APR							
10...	0	0	<10	18	8	.0	330
AUG							
25...	--	0	<10	1300	3	--	240
MAR , 1976							
30...	1	0	<10	250	4	.1	250
JUN , 1977							
01...	32	0	10	4	10	.0	260

274353082255000 - RUSKIN LF OXIDATION POND (LAT 27 43 53 LONG 082 25 50)

AUG , 1975							
25...	--	0	<10	6	3	--	50
OCT , 1975							
08...	8	--	--	--	--	.1	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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274346082254201 - RUSKIN LF 123 (LAT 27 43 46 LONG 082 25 42.01)

AUG , 1975							
25...	.9	13	--	<1	--	--	<1
MAR , 1976							
31...	.6	19	--	--	460	<3	--
JUN , 1977							
01...	.9	--	24	--	9	<3	--

274345082255001 - RUSKIN LF 132 (LAT 27 43 45 LONG 082 25 50.01)

JAN , 1974							
14...	1.3	18	--	816	--	--	<1
APR , 1975							
10...	1.1	--	18	--	390	<3	--
AUG							
25...	.8	11	--	<1	--	--	<1
OCT							
08...	.9	--	--	--	93	23	--
NOV							
25...	2.8	--	22	--	23	23	--
MAR , 1976							
31...	.5	9	--	--	240	<3	--
JUN , 1977							
01...	.5	7	--	--	43	<3	--

TABLE 6. CHEMICAL AND BACTERIOLOGICAL ANALYSES FOR GROUND- AND SURFACE-WATER SAMPLES FROM THE RUSKIN LANDFILL - CONTINUED

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM- ICAL (LOW LEVEL) (MG/L) (00335)	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COLI- FORM, CON- FIRMED (MPN) (31505)	COLI- FORM, FECAL, EC BROTH (MPN) (31615)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)
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274345082254001 - RUSKIN LF 141 WILLIS (LAT 27 43 45 LONG 082 25 45.01)

JAN , 1975							
14...	2.0	9	--	<1	--	--	<1
APR							
10...	.9	--	21	83	--	--	<1
AUG							
25...	2.0	12	--	<1	--	--	<1
MAR , 1976							
31...	.6	12	--	--	<3	<3	--
JUN , 1977							
01...	.1	9	--	--	<3	<3	--

274353082255000 - RUSKIN LF OXIDATION POND (LAT 27 43 53 LONG 082 25 50)

AUG , 1975							
25...	>86	--	500	--	240000	240000	--
OCT , 1975							
08...	2.8	--	--	--	11000	2400	--
NOV							
24...	9.5	--	230	--	12000	1400	--