WARZYN

PROJECT
6072100

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VOLUME II OF III

REVISED
REMEDIAL INVESTIGATION REPORT

BLACKWELL LANDFILL NPL SITE
DUPAGE COUNTY, ILLINOIS

DECEMBER
1994

PREPARED FOR:
FOREST PRESERVE DISTRICT
DUPAGE COUNTY, ILLINOIS

• • •

PREPARED BY:
WARZYN INC.
PHILADELPHIA, PENNSYLVANIA

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A

LEACHATE AND WATER LEVEL DATA

A-1

DEPTH TO LEACHATE AND LEACHATE LEVEL DATA

APPENDIX A1

Depth to Leachate and Leachate Elevation Data

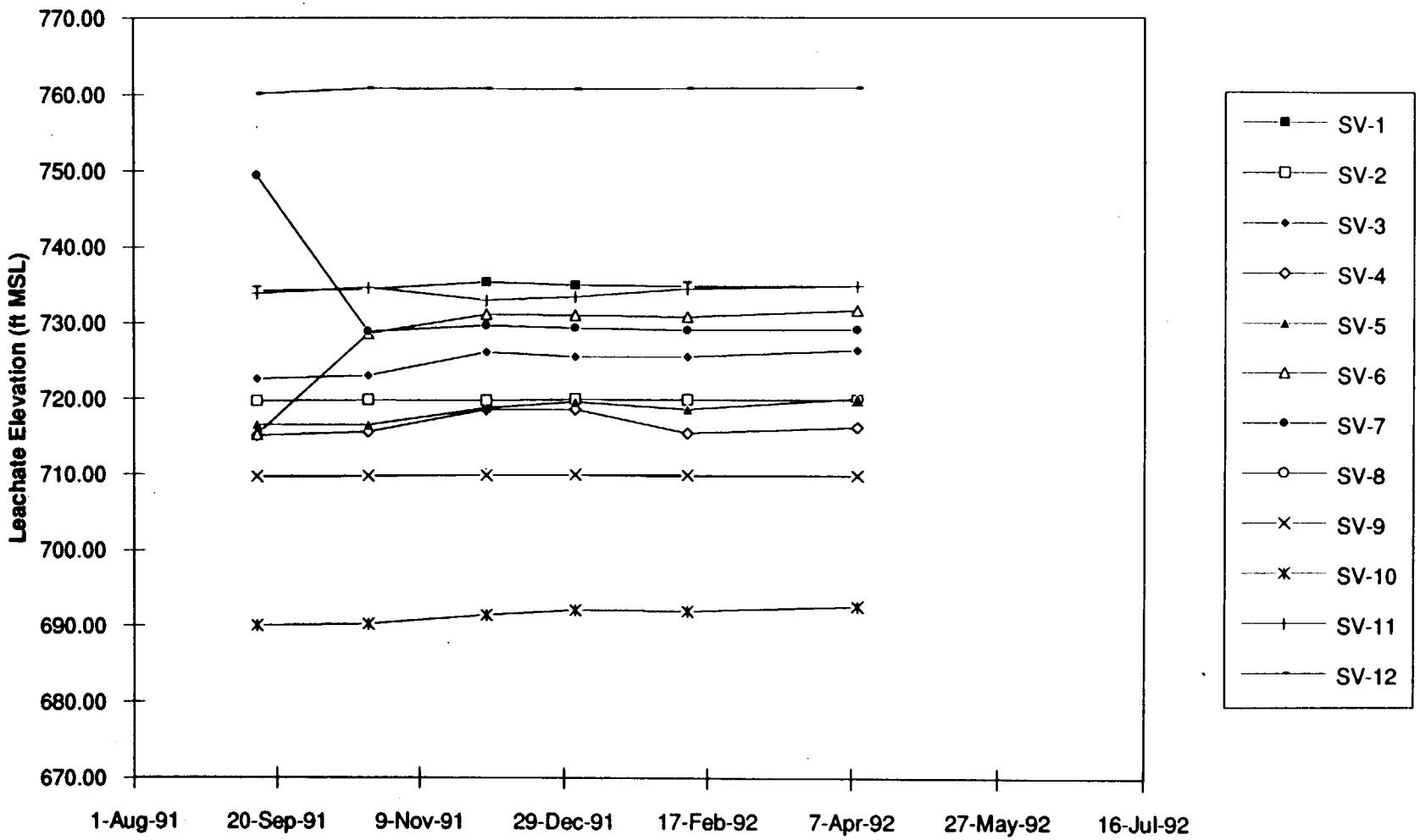
Blackwell Landfill Site
DuPage County, Illinois

Leachate Vent	Elevation (TOIC)	Liquid Level 9/13/92	Leachate Elevation 9/13/92	Liquid Level 10/22/91	Leachate Elevation 10/22/91	Liquid Level 12/2/91	Leachate Elevation 12/2/91	Liquid Level 1/2/92	Leachate Elevation 1/2/92	Liquid Level 2/10/92	Leachate Elevation 2/10/92	Liquid Level 4/9/92	Leachate Elevation 4/9/92
SV-1	740.77	6.54	734.23	6.29	734.48	5.38	735.39	5.85	734.92	5.99	734.78	6.03	734.74
SV-2	761.80	42.10	719.70	42.00	719.80	42.03	719.77	41.94	719.86	41.99	719.81	42.05	719.75
SV-3	734.66	12.06	722.60	11.64	723.02	8.53	726.13	9.14	725.52	9.15	725.51	8.34	726.32
SV-4	744.06	28.96	715.10	28.43	715.63	25.49	718.57	25.50	718.56	28.64	715.42	27.87	716.19
SV-5	728.61	12.04	716.57	12.09	716.52	9.82	718.79	9.06	719.55	10.05	718.56	8.67	719.94
SV-6	762.57	47.33	715.24	34.03	728.54	31.50	731.07	31.64	730.93	31.84	730.73	30.98	731.59
SV-7	783.44	34.06	749.38	54.56	728.88	53.80	729.64	54.19	729.25	54.45	728.99	54.38	729.06
SV-8	726.06	16.40	709.66	16.31	709.75	16.13	709.93	16.17	709.89	16.30	709.76	16.35	709.71
SV-9	750.66	40.92	709.74	40.86	709.80	40.77	709.89	40.71	709.95	40.81	709.85	40.88	709.78
SV-10	753.96	63.89	690.07	63.70	690.26	62.51	691.45	61.89	692.07	62.00	691.96	61.40	692.56
SV-11	810.43	76.50	733.93	75.77	734.66	77.43	733.00	77.02	733.41	75.96	734.47	75.60	734.83
SV-12	827.37	67.25	760.12	66.60	760.77	66.62	760.75	66.69	760.68	66.63	760.74	66.56	760.81
DV-2	756.34	11.13	745.21	10.77	745.57	2.73	753.61	3.88	752.46	4.50	751.84	4.07	752.27
DV-3	750.75	14.67	736.08	14.50	736.25	13.74	737.01	13.61	737.14	13.89	736.86	13.64	737.11
DV-4	725.61	25.46	700.15	26.31	699.30	22.70	702.91	23.16	702.45	23.78	701.83	23.10	702.51
DV-5	721.92	26.25	695.67	25.50	696.42	25.42	696.50	25.84	696.08	25.86	696.06	25.67	696.25
DV-6	779.96	49.63	730.33	dry	dry	54.65	725.31	55.50	724.46	55.31	724.65	54.89	725.07
DV-7	833.94	87.12	746.82	115.15	718.79	94.88	739.06	115.28	718.66	115.30	718.64	115.28	718.66
DV-8	732.59	16.96	715.63	17.05	715.54	15.72	716.87	15.52	717.07	15.77	716.82	14.92	717.67
DV-9	726.97	11.58	715.39	10.07	716.90	7.71	719.26	7.42	719.55	8.05	718.92	6.53	720.44
DV-10	768.61	42.50	726.11	42.30	726.31	41.40	727.21	42.26	726.35	41.40	727.21	41.74	726.87
DV-11	756.72	13.29	743.43	dry	dry	6.84	749.88	7.12	749.60	6.65	750.07	6.92	749.80
DV-12	731.25	35.77	695.48	35.43	695.82	31.08	700.17	32.39	698.86	33.33	697.92	23.30	707.95
DV-13	748.60	36.83	711.77	36.78	711.82	36.93	711.67	36.69	711.91	36.76	711.84	36.78	711.82

Notes:
TOIC = *Top of inner casing*
Elevation datum is Mean Sea Level (MSL)

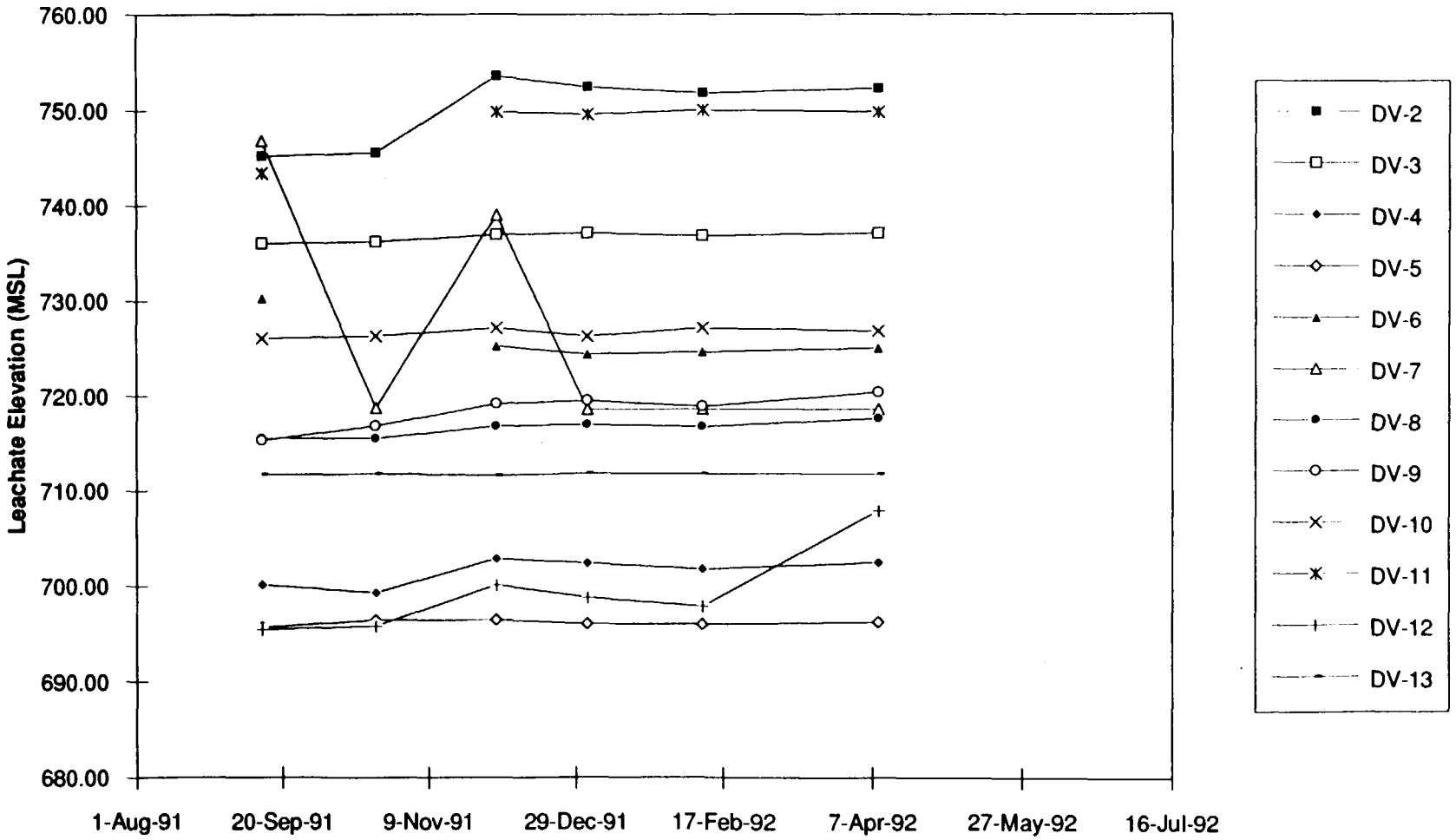
DEPTOLEC.XLS JCQ/MJS

Leachate Elevation in SV-1 through SV-12

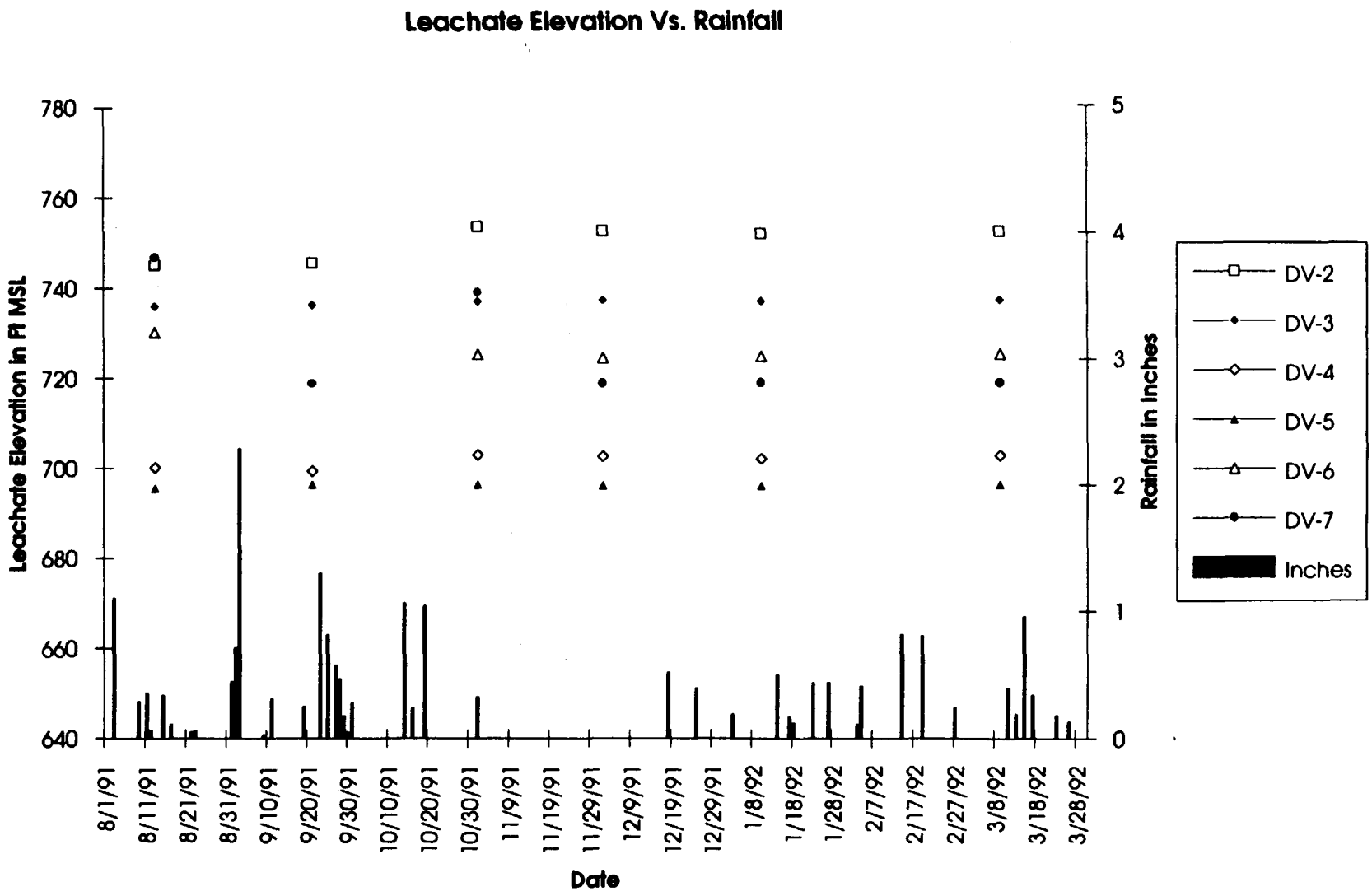


LSV1-12.XLC JCQ/

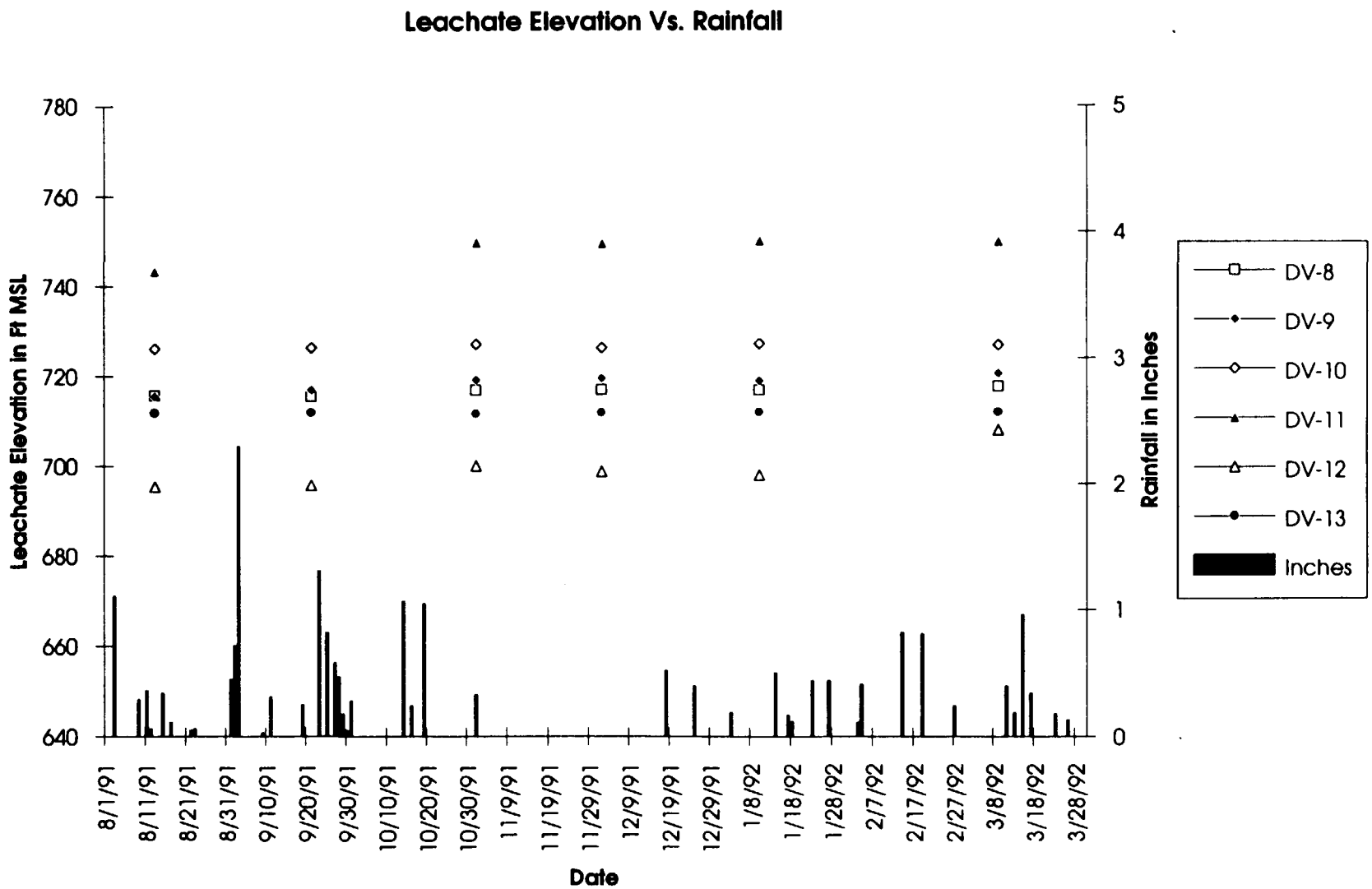
Leachate Elevation in DV-2 through DV-13

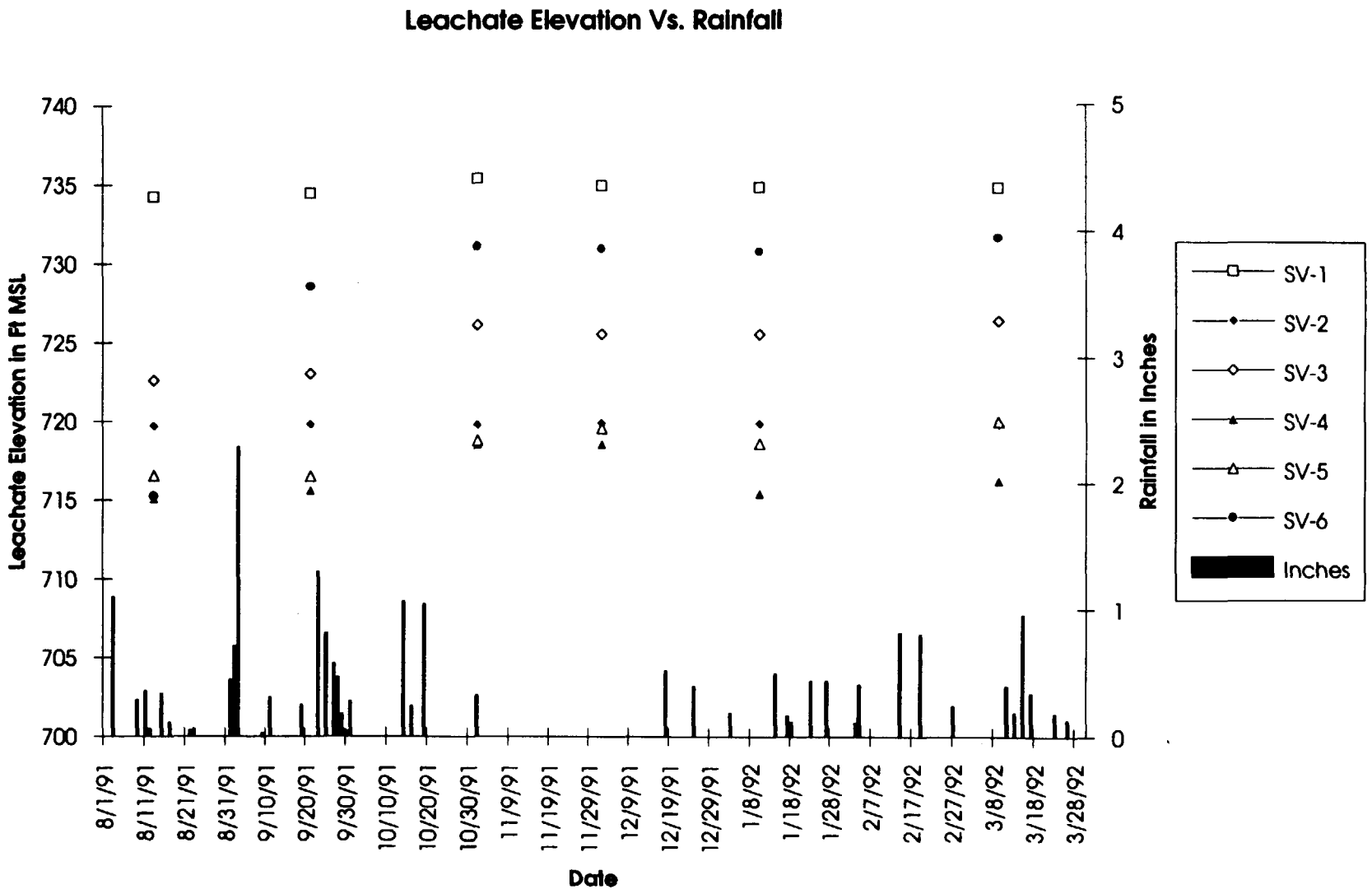


DV2-13.XLC

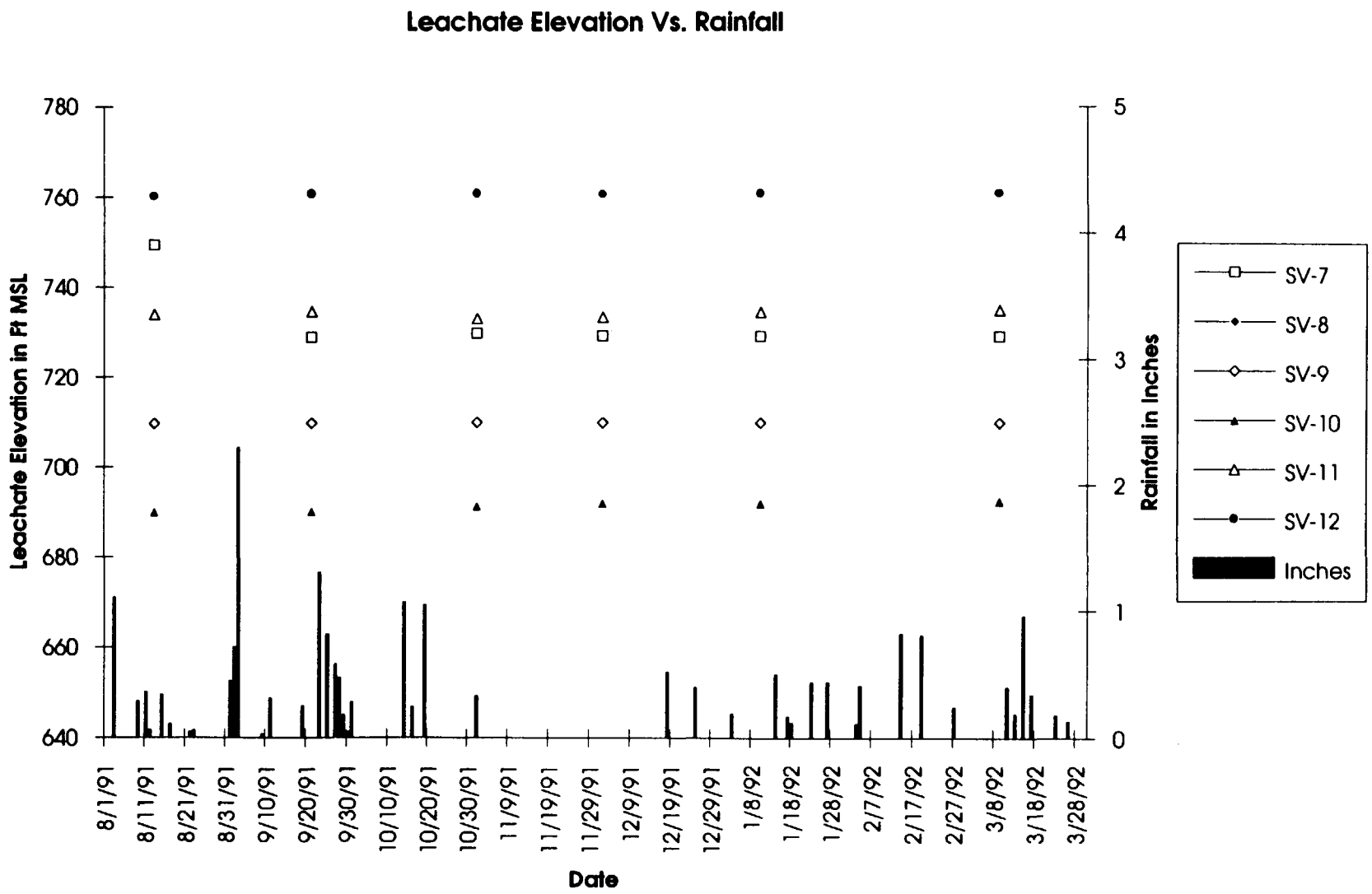

Leachate Elevation Vs. Rainfall
Leachate Elevation in Ft MSL
780
760
740
720
700
680
660
640
Rainfall in Inches
5
4
3
2
1
0
8/1/91
8/11/91
8/21/91
8/31/91
9/10/91
9/20/91
9/30/91
10/10/91
10/20/91
10/30/91
11/9/91
11/19/91
11/29/91
12/9/91
12/19/91
12/29/91
1/8/92
1/18/92
1/28/92
2/7/92
2/17/92
2/27/92
3/8/92
3/18/92
3/28/92
Date
DV-2
DV-3
DV-4
DV-5
DV-6
DV-7
Inches

DV_1.XLC
3/4/94


Leachate Elevation Vs. Rainfall
Leachate Elevation in Ft MSL
780
760
740
720
700
680
660
640
Rainfall in Inches
5
4
3
2
1
0
8/1/91
8/11/91
8/21/91
8/31/91
9/10/91
9/20/91
9/30/91
10/10/91
10/20/91
10/30/91
11/9/91
11/19/91
11/29/91
12/9/91
12/19/91
12/29/91
1/8/92
1/18/92
1/28/92
2/7/92
2/17/92
2/27/92
3/8/92
3/18/92
3/28/92
Date
DV-8
DV-9
DV-10
DV-11
DV-12
DV-13
Inches


Leachate Elevation Vs. Rainfall
Leachate Elevation in Ft MSL
740
735
730
725
720
715
710
705
700
Rainfall in Inches
5
4
3
2
1
0
8/1/91
8/11/91
8/21/91
8/31/91
9/10/91
9/20/91
9/30/91
10/10/91
10/20/91
10/30/91
11/9/91
11/19/91
11/29/91
12/9/91
12/19/91
12/29/91
1/8/92
1/18/92
1/28/92
2/7/92
2/17/92
2/27/92
3/8/92
3/18/92
3/28/92
Date
SV-1
SV-2
SV-3
SV-4
SV-5
SV-6
Inches

SV_1.XLC
3/4/94


Leachate Elevation Vs. Rainfall
Leachate Elevation in Ft MSL
780
760
740
720
700
680
660
640
Rainfall in Inches
5
4
3
2
1
0
8/1/91
8/11/91
8/21/91
8/31/91
9/10/91
9/20/91
9/30/91
10/10/91
10/20/91
10/30/91
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11/19/91
11/29/91
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12/19/91
12/29/91
1/8/92
1/18/92
1/28/92
2/7/92
2/17/92
2/27/92
3/8/92
3/18/92
3/28/92
Date
SV-7
SV-8
SV-9
SV-10
SV-11
SV-12
Inches

A-2

WATER LEVEL AND ELEVATION DATA

APPENDIX A2
Water Elevation Data
Blackwell Landfill Site
DuPage County, Illinois

Location Number	Elevation (TOIC)	Water Leve (9/13/91)	Water Elevation (9/13/91)	Water Leve (1/2/92)	Water Elevation (1/2/92)	Water Leve (2/10/92)	Water Elevation (2/10/92)	Water Leve (4/9/92)	Water Elevation (4/9/92)	Water Leve (7/1/92)	Water Elevation (7/1/92)	Screened Units
G-101	713.62	7.07	706.55	6.39	707.23	6.70	706.92	6.21	707.41	7.00	706.62	Silt/sand above Yorkville
G-102	727.55	20.73	706.82	20.29	707.26	20.60	706.95	20.44	707.11	21.28	706.27	Silt/sand above Yorkville
G-103S	717.98	20.24	697.74	18.17	699.81	18.46	699.52	18.15	699.83	20.55	697.43	Silt/sand (Yorkville)
G-103D	717.92	26.26	691.66	22.87	695.05	23.18	694.74	22.61	695.31	26.44	691.48	Sand/clay (Malden/Tiskilwa)
G-105	724.28	22.63	701.65	21.43	702.85	21.54	702.74	21.40	702.88	22.90	701.38	Silt/sand/gravel above Yorkville
G-106	716.37	13.93	702.44	13.81	702.56	13.94	702.43	13.60	702.77	13.82	702.55	Silt/sand/gravel above Yorkville
G-107S	708.45	18.34	690.11	16.36	692.09	16.52	691.93	15.92	692.53	17.75	690.70	Sand (Yorkville)
G-107D	707.71	19.18	688.53	17.05	690.66	17.18	690.53	16.46	691.25	18.16	689.55	Silt/sand/gravel (Malden/Tiskilwa)
G-108	699.92	10.88	689.04	8.96	690.96	9.06	690.86	8.45	691.47	9.96	689.96	Sand/gravel above Yorkville
G-109	705.58	16.46	689.12	14.62	690.96	14.75	690.83	14.13	691.45	15.50	690.08	Outwash aquifer
G-111	708.89	19.38	689.51	17.27	691.62	17.48	691.41	16.71	692.18	18.25	690.64	Outwash aquifer
G-113	707.86	17.97	689.89	15.94	691.92	16.13	691.73	15.35	692.51	17.86	690.00	Outwash aquifer
G-114	709.33	19.28	690.05	17.24	692.09	17.46	691.87	16.63	692.70	18.19	691.14	Outwash aquifer
G-115S	707.49	17.25	690.24	15.41	692.08	15.56	691.93	14.75	692.74	16.18	691.31	Outwash aquifer
G115D	706.87	18.83	688.04	16.56	690.31	16.78	690.09	15.94	690.93	17.82	689.05	Sand/gravel (Malden/Tiskilwa)
G-116	707.66	19.62	688.04	17.38	690.28	17.57	690.09	16.82	690.84	18.64	689.02	Outwash aquifer
G-117	707.37	17.84	689.53	15.77	691.60	15.94	691.43	15.20	692.17	16.75	690.62	Outwash aquifer
G-118S	711.20	20.13	691.07	18.09	693.11	18.30	692.90	17.42	693.78	19.01	692.19	Outwash aquifer
G-118D	710.35	22.27	688.08	20.07	690.28	20.22	690.13	19.41	690.94	21.31	689.04	Silt/clay (Malden/Tiskilwa)
G-119	720.61	15.81	704.80	14.51	706.10	14.95	705.66	14.68	705.93	15.52	705.09	Clay/sand (Yorkville)
G-120	730.85	43.33	687.52	40.61	690.24	40.74	690.11	39.81	691.04	42.35	688.50	Silt (Malden/Tiskilwa)
G-121	703.69	14.80	688.89	12.74	690.95	12.87	690.82	12.25	691.44	13.72	689.97	Outwash aquifer
G-122	706.44	17.65	688.79	15.59	690.85	15.74	690.70	15.01	691.43	16.61	689.83	Outwash aquifer
G-123	707.69	17.77	689.92	15.90	691.79	16.04	691.65	15.26	692.43	16.75	690.94	Outwash aquifer
G-124	714.69	15.85	698.84	13.31	701.38	14.18	700.51	13.17	701.52	15.28	699.41	Silt/sand above Yorkville
G-125	714.10	8.56	705.54	8.72	705.38	8.80	705.30	8.81	705.29	9.12	704.98	Sand/gravel above Yorkville
G-126	704.45	15.55	688.90	13.51	690.94	13.63	690.82	NM	NM	14.51	689.94	Outwash aquifer
G-127	706.56	17.15	689.41	15.09	691.47	15.26	691.30	14.51	692.05	16.04	690.52	Outwash aquifer

APPENDIX A2
Water Elevation Data
Blackwell Landfill Site
DuPage County, Illinois

Location Number	Elevation (TOIC)	Water Leve (9/13/91)	Water Elevation (9/13/91)	Water Leve (1/2/92)	Water Elevation (1/2/92)	Water Leve (2/10/92)	Water Elevation (2/10/92)	Water Leve (4/9/92)	Water Elevation (4/9/92)	Water Leve (7/1/92)	Water Elevation (7/1/92)	Screened Units
G-128S	707.12	17.43	689.69	15.52	691.60	15.68	691.44	14.92	692.20	16.40	690.72	Outwash aquifer
G-128D	707.37	19.13	688.24	16.98	690.39	17.15	690.22	16.40	690.97	18.18	689.19	Dolomite
G-129	702.56	12.25	690.31	10.22	692.34	10.39	692.17	9.52	693.04	11.07	691.49	Outwash aquifer
G-130	710.29	19.16	691.13	17.11	693.18	17.36	692.93	16.41	693.88	18.02	692.27	Outwash aquifer
G-131D	705.87	17.70	688.17	15.52	690.35	15.68	690.19	14.93	690.94	17.16	688.71	Dolomite
G-132D	725.82	35.03	690.79	31.87	693.95	32.15	693.67	31.32	694.50	34.36	691.46	Dolomite
G-133S	707.56	18.02	689.54	16.39	691.17	16.54	691.02	15.80	691.76	17.18	690.38	Outwash aquifer
G-133D	707.84	19.96	687.88	17.72	690.12	17.93	689.91	17.14	690.70	19.00	688.84	Dolomite
G-134	727.32	36.66	690.66	32.18	695.14	32.59	694.73	32.44	694.88	37.70	689.62	Dolomite
G-135	721.16	33.30	687.86	30.78	690.38	30.99	690.17	30.05	691.11	32.30	688.86	Dolomite
G-136	710.23	24.48	685.75	22.12	688.11	22.28	687.95	21.06	689.17	23.60	686.63	Dolomite
G-137	701.74	13.83	687.91	11.66	690.08	11.80	689.94	11.01	690.73	12.87	688.87	Sand/gravel/dolomite
G-138	708.69	20.70	687.99	18.42	690.27	18.64	690.05	17.82	690.87	19.70	688.99	Silt/dolomite
G-139	702.06	14.04	688.02	11.87	690.19	11.98	690.08	11.15	690.91	13.18	688.88	Silt/dolomite
G-140S	705.51	16.07	689.44	14.01	691.50	14.08	691.43	13.43	692.08	14.98	690.53	Outwash aquifer
G-140D	705.65	17.18	688.47	15.05	690.60	15.20	690.45	14.44	691.21	16.19	689.46	Dolomite
G-141D	708.30	20.10	688.20	17.86	690.44	18.03	690.27	17.30	691.00	19.06	689.24	Dolomite
Piezometers												
P-1	717.30	dry	<696.30	19.96	697.34	20.57	696.73	20.42	696.88	Dry	<696.30	Outwash aquifer
P-2	699.12	10.43	688.69	8.47	690.65	8.59	690.53	8.01	691.11	9.52	689.60	Outwash aquifer
P-3	706.58	16.25	690.33	14.39	692.19	14.54	692.04	13.68	692.90	15.20	691.38	Outwash aquifer
P-4	711.32	12.95	698.37	12.15	699.17	12.34	698.98	11.94	699.38	12.95	698.37	Sand/silt above Yorkville

APPENDIX A2
Water Elevation Data
Blackwell Landfill Site
DuPage County, Illinois

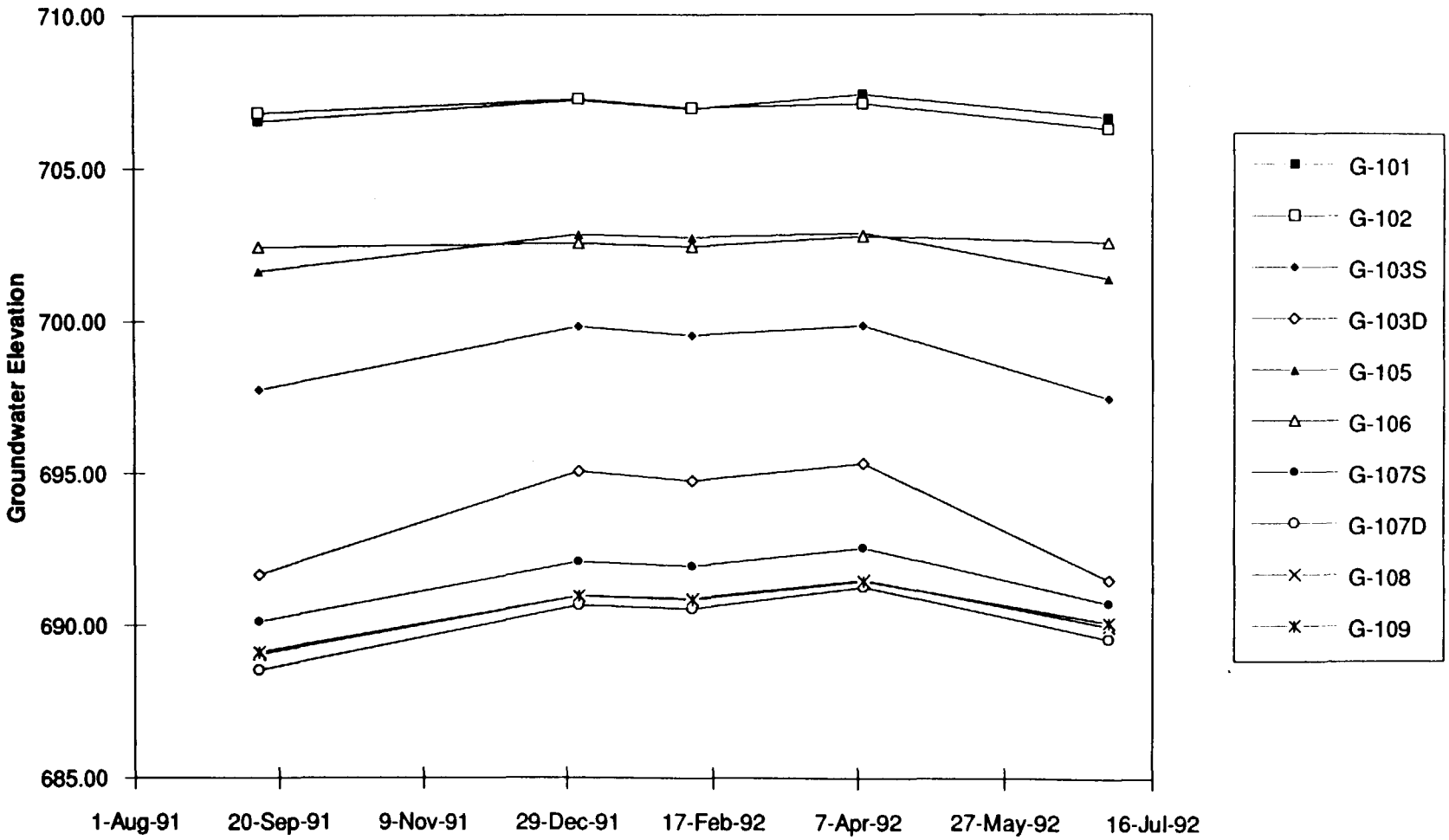
Location Number	Elevation (TOSG)	Water Leve (9/13/91)	Water Elevation (9/13/91)	Water Leve (1/2/92)	Water Elevation (1/2/92)	Water Leve (2/10/92)	Water Elevation (2/10/92)	Water Leve (4/9/92)	Water Elevation (4/9/92)	Water Leve (7/1/92)	Water Elevation (7/1/92)	Location
Staff Gauges												
SG-1	707.45	2.82	704.63	2.90	704.55	.82 (frozen	704.63	2.73	704.72	3.06	704.39	Spring Brook-UpStream
SG-2	701.17	2.88	698.29	3.07	698.10	3.1	698.07	2.99	698.18	3.24	697.93	Spring Brook-Mid-stream
SG-3	692.81	3.91	688.90	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Sand Pond
SG-3R	693.95	NI	NI	2.73	691.22	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Sand Pond
SG-3RR	693.14	NI	NI	NI	NI	NI	NI	1.72	691.42	Dry	Dry	Sand Pond
SG-3RR2	694.19	NI	NI	NI	NI	NI	NI	NI	NI	4.00	690.19	Sand Pond
SG-4	692.53	3.70	688.83	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Pine Lake
SG-4R	695.12	NI	NI	NI	NI	.56 (frozen	692.56	2.02	693.1	3.46	691.66	Pine Lake
SG-5	693.13	2.81	690.32	2.76	690.37	2.82	690.31	2.75	690.38	NM	NM	DuPage River-Midstream
SG-6	697.20	2.67	694.53	2.78	694.42	2.79	694.41	2.7	694.5	2.83	694.37	Spring Brook-Downstream
SG-7	709.68	3.32	706.36	2.98	706.70	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Silver Lake
SG-7R	709.92	NA	NA	NA	NA	.08 (frozen	706.84	3.01	706.91	3.88	706.04	Silver Lake
SG-8	699.38	9.12	690.26	9.06	690.32	9.15	690.23	9.1	690.28	9.26	690.12	DuPage River-Downstream
SG-9	697.42	6.87	690.55	6.81	690.61	6.96	690.46	6.84	690.58	7.05	690.37	DuPage River-Upstream

Notes:

NA = Not Available
NI = Not Installed
NM = Not Measured
TOIC = Top of inner casing
TOSG = Top of Staff Gauge

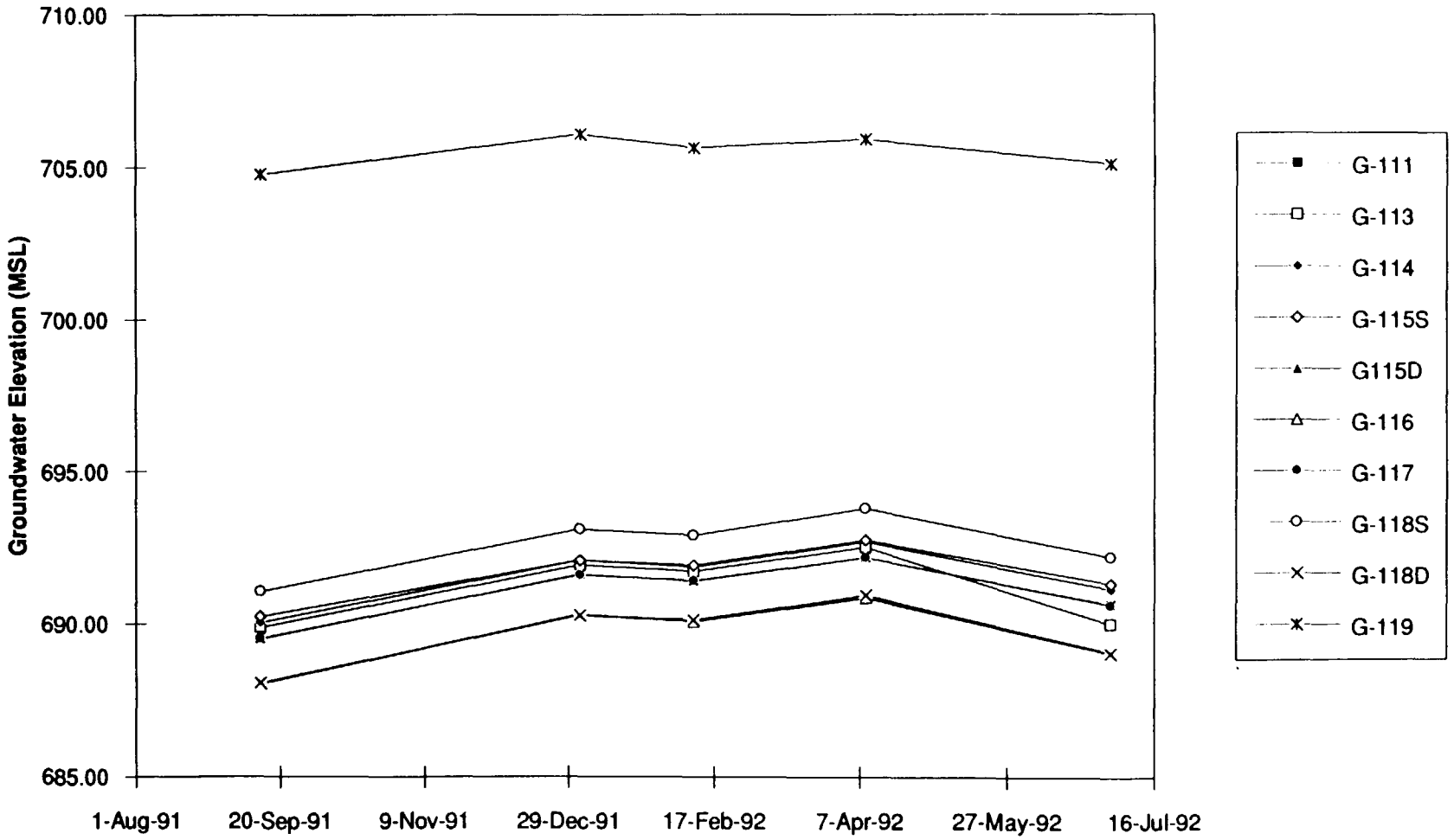
SG-3 was replaced with SG-3R in Jan. '92
SG-3R was replaced with SG-3RR in Apr. '92
SG-3RR2 was installed to further into Sand Pond to supplement SG-3RR on July 2, 1992
SG-4 was replaced with SG-4R in Feb. '92
SG-7 was resurveyed as SG-7R in Feb. '92

Groundwater Elevation in Wells G-101 through G-109



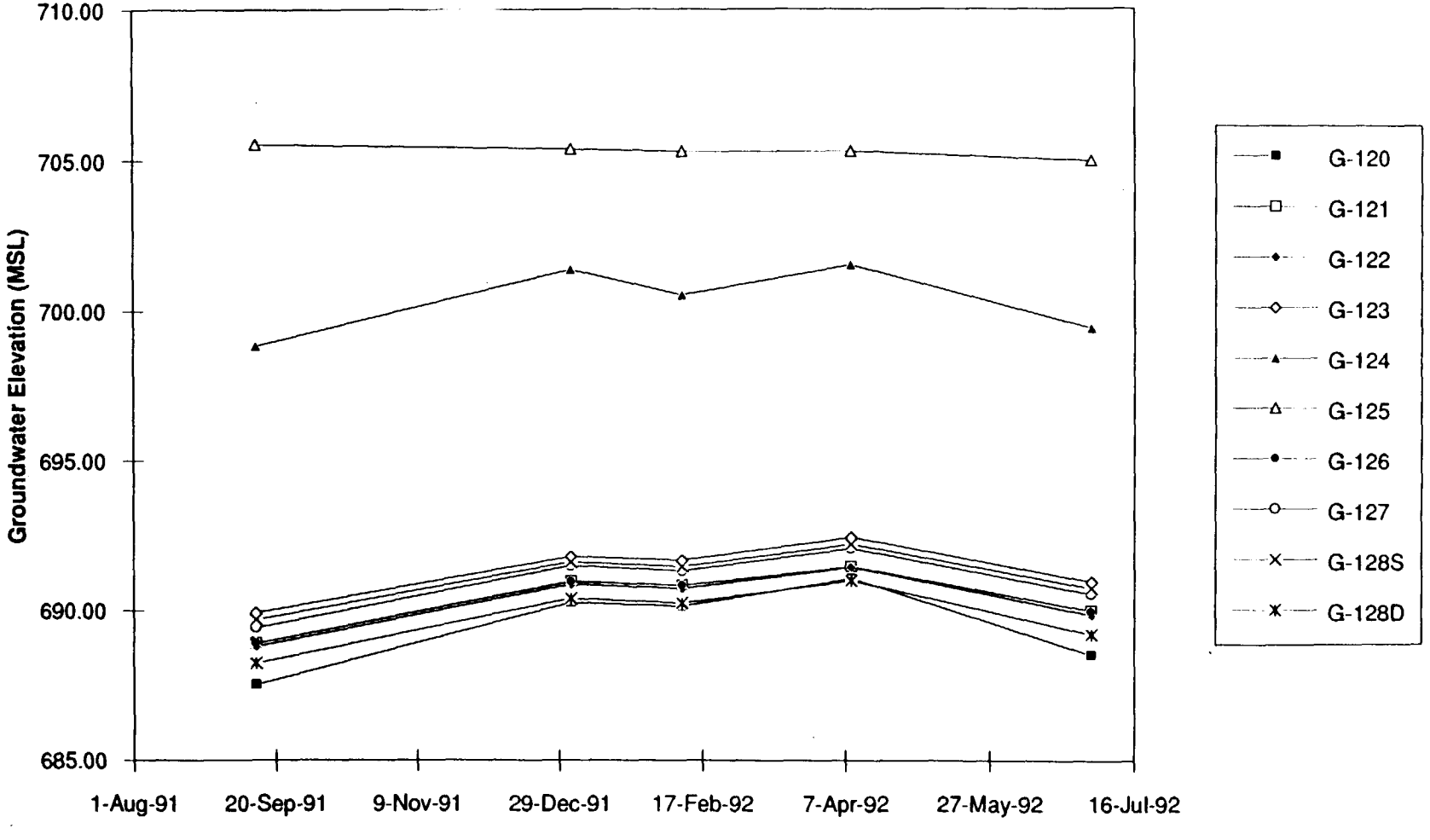
G101-109.XLC JCQ/

Groundwater Elevations in Wells G-111 through G-119



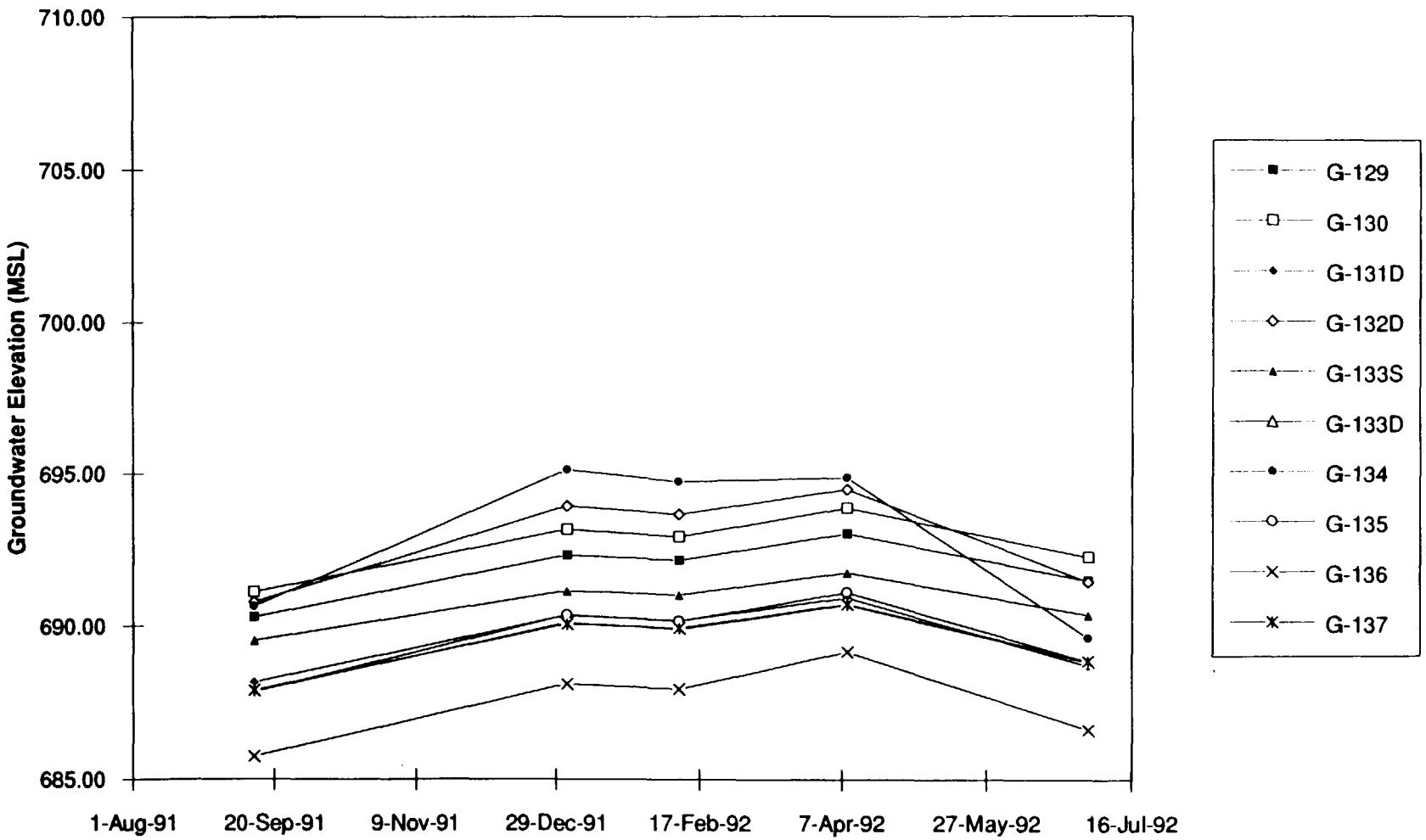
G111-119.XLC JCQ/

Groundwater Elevations in Wells G-120 through G128D



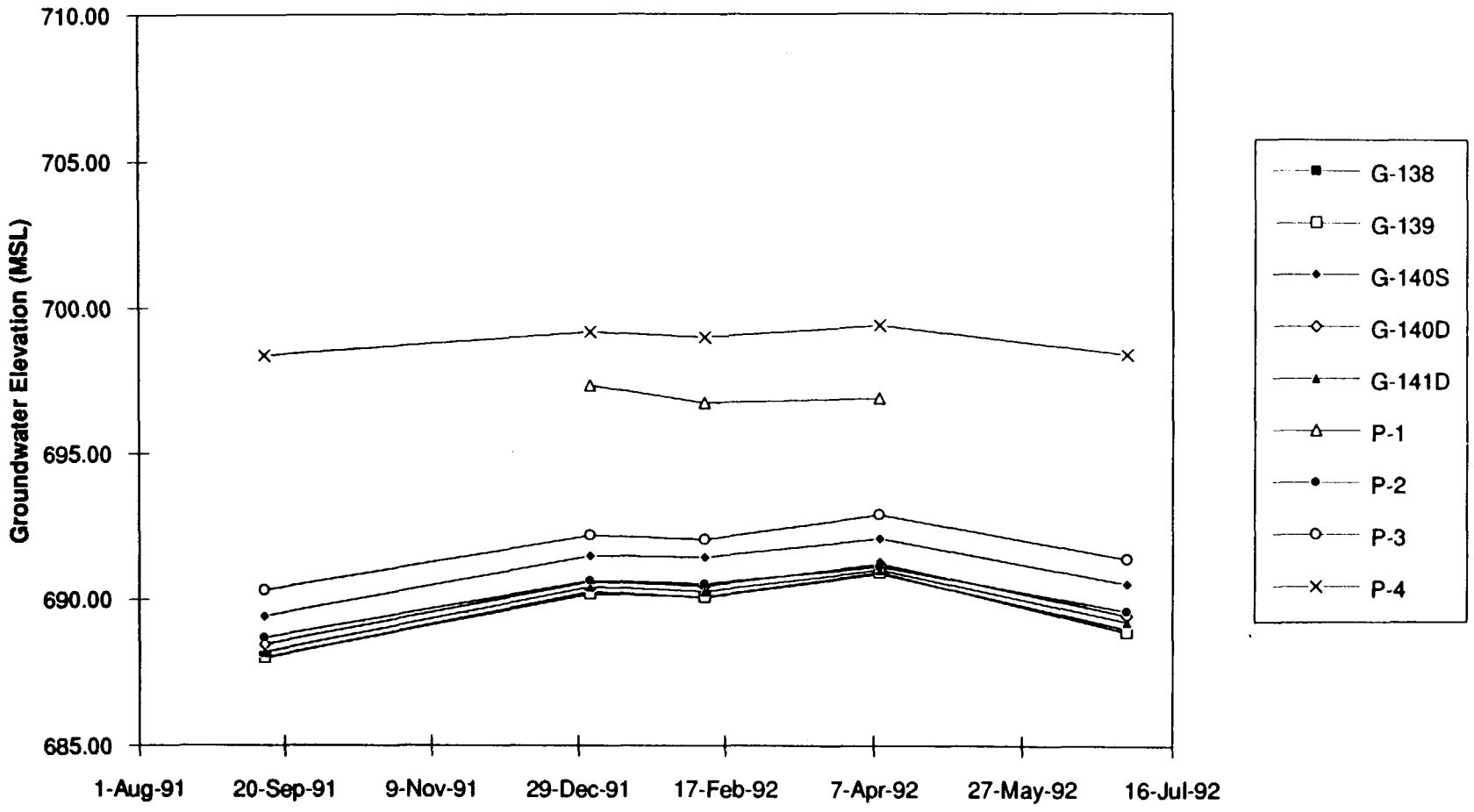
G120-128 XLC JCQ/

Groundwater Elevation in Wells G-129 through G-137

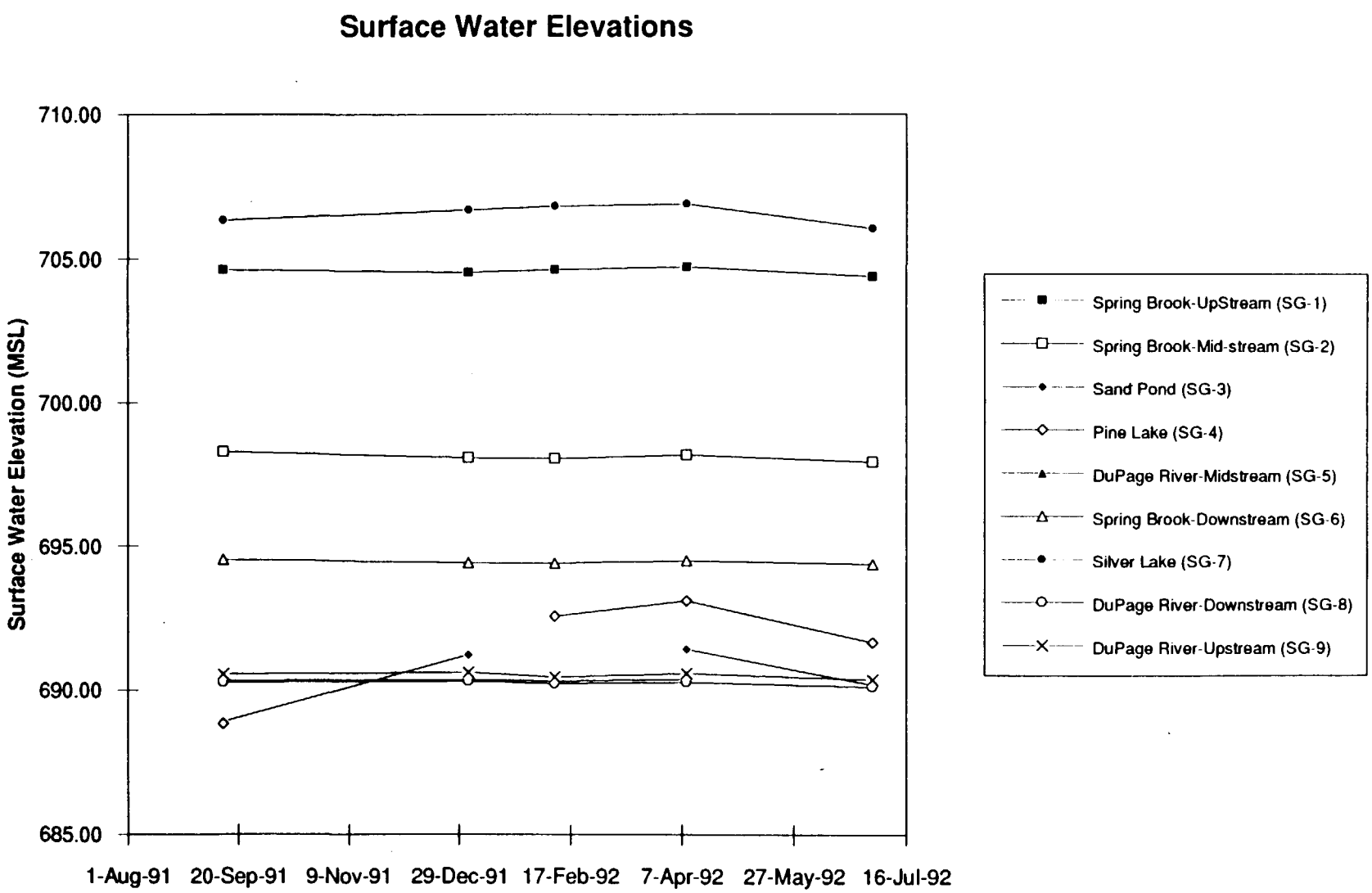


G129-137.XLC JCQ/

Groundwater Elevations in Wells G-138 through G-141D and Piezometers P-1 through P-4



G138-P4.XLC JCQ/



GWSG1 9 XLC JCQ/

A-3

SITE RAINFALL DATA

Appendix A3
Rainfall Data
Blackwell Landfill Site
DuPage County, Illinois

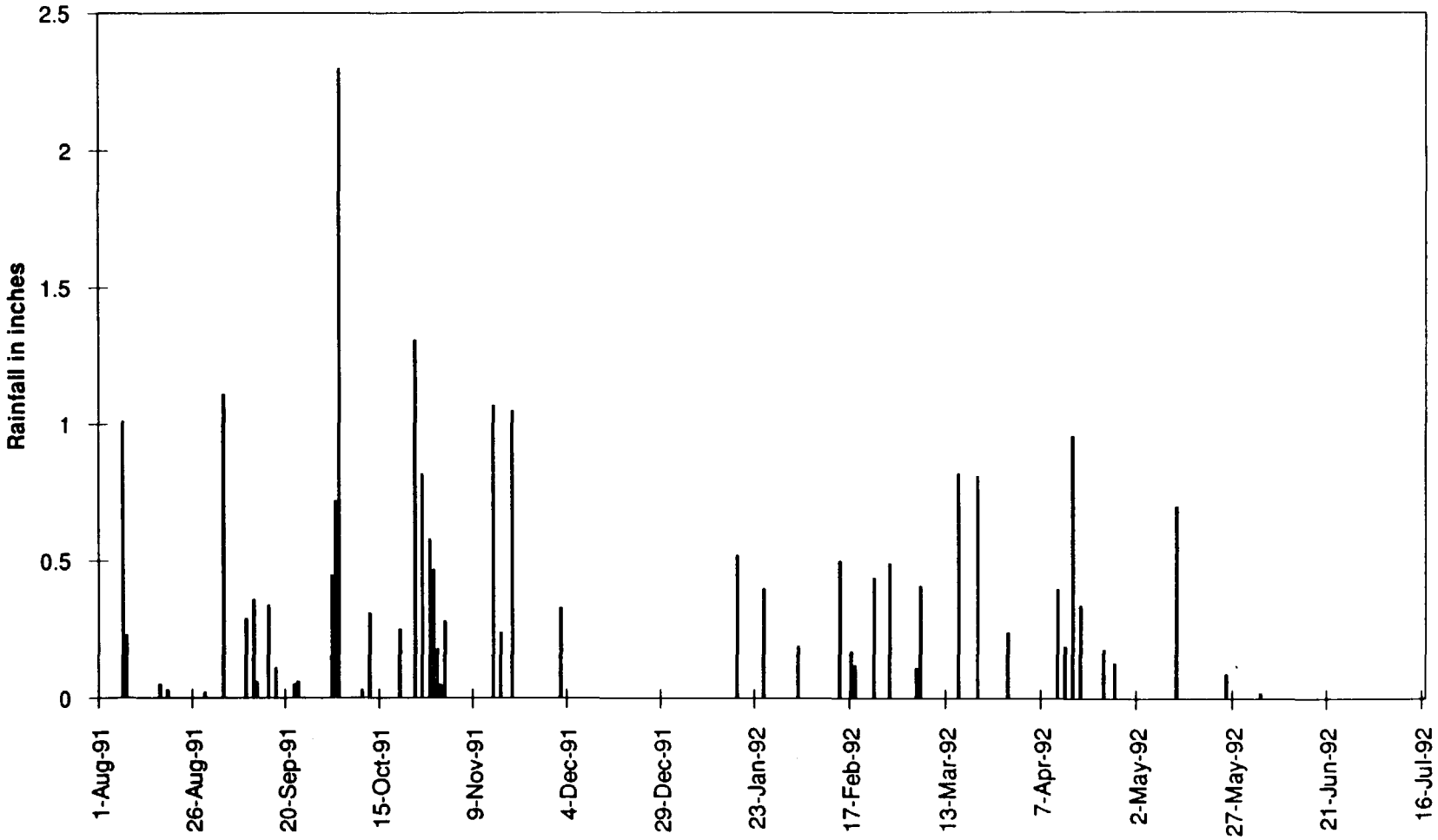
Day of the Month	1991 January	February	March	April	May	June	July	August	September	October	November	December
1	0	0	0.71	0	0	0.16	0	0	0	0	0.28	0
2	0	0	0	0	0	0	0	0	0	0.45	0	0.33
3	0	0	0	0	0	0	0.60	0	1.11	0.72	0	0
4	0	0	0	0.14	0.91	0	0.25	0	0	2.30	0	0
5	0.50	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1.01	0	0	0	0
8	0	0	0	1.02	0	0	0.35	0.23	0	0	0	0
9	0	0	0	0.14	0	0	0	0	0.29	0	0	0
10	0	0	0	0.22	0	0.39	0	0	0	0.03	0	0
11	0.07	0	0	0	0	0	0.02	0	0.36	0	0	0
12	0	0	0	0.80	0.13	0	0	0	0.06	0.31	0	0
13	0	0	0	0.84	0	0	0.06	0	0	0	0	0
14	0	0	0	1.20	0	0	0	0	0	0	1.07	0
15	0	0	0	0.10	0	0	0	0	0.34	0	0	0
16	0	0	1.16	0	0.19	0.16	0	0	0	0	0.24	0
17	0	0	0	0	0	0	0	0.05	0.11	0	0	0
18	0	1.80	0	0	0.58	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0.03	0	0	1.05	0
20	0.01	0	0	0	0	0	0	0	0	0.25	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0.17	0.25	2.27	0	0.62	0	0.05	0	0	0
23	0	0	0.51	0	0.12	0	0	0	0.06	0	0	0
24	0	0	0.54	0	0	0	0	0	0	1.31	0	0
25	0	0	0.35	0	2.10	0	0	0	0	0	0	0
26	0	0	0	0	0.38	0	0	0	0	0.82	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0.07	0	0.24	0	0	0	0	0	0.58	0	0
29	0		0	0.22	0	0	0	0.02	0	0.47	0	0
30	0		0	0	0.06	0	0	0	0	0.18	0	0
31	0		0		0		0	0		0.05		0
Monthly Total	0.58	1.87	3.44	5.17	6.74	0.71	1.9	1.34	2.38	7.47	2.64	0.33

Appendix A3
Rainfall Data
Blackwell Landfill Site
DuPage County, Illinois

Day of the Month	1992 January	February	March	April	May	June
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0.19	0	0	0	0.02
4	0	0	0	0	0	
5	0	0	0.11	0	0	
6	0	0	0.41	0	0	
7	0	0	0	0	0	
8	0	0	0	0	0	
9	0	0	0	0	0	
10	0	0	0	0	0	
11	0	0	0	0.40	0	
12	0	0	0	0	0.70	
13	0	0	0	0.19	0	
14	0	0.50	0	0	0	
15	0	0	0	0.96	0	
16	0	0	0.82	0	0	
17	0	0.17	0	0.34	0	
18	0.52	0.12	0	0	0	
19	0	0	0	0	0	
20	0	0	0	0	0	
21	0	0	0.81	0	0	
22	0	0	0	0	0	
23	0	0.44	0	0.18	0	
24	0	0	0	0	0	
25	0.40	0	0	0	0.09	
26	0	0	0	0.13	0	
27	0	0.44	0	0	0	
28	0	0	0	0	0	
29	0	0	0.24	0	0	
30	0		0	0	0	
31	0		0		0	
Monthly Total	0.92	1.86	2.39	2.20	0.79	0.02

Notes: All Rainfall data reported in inches, recorded by the Forest Preserve District of DuPage County at the Blackwell Landfill Site.
Snowfall reported as rainfall equivalent.

Site Rainfall Data

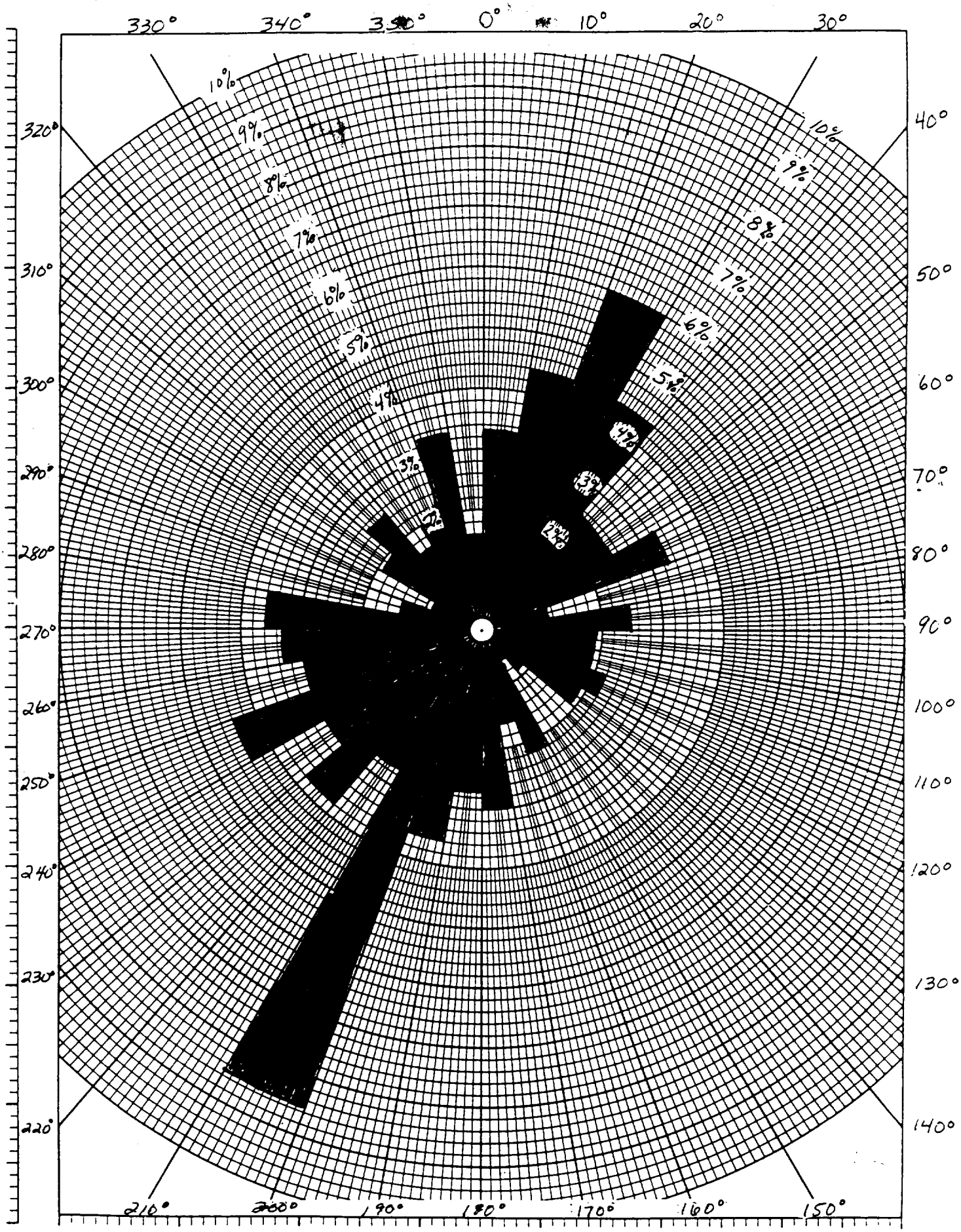


RAIN.XLC JCQ/

A-4

WIND DATA

Percentage of Measurements in Each Compass Direction (6/91-5/92)



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01	86	62	74	9	66	0	9	1 3 8	0	0.40	0.0	29.160	07	3.1	6.6	26	NW	18	35	719	80	9	9
02	83	60	72	7	66	0	7	1 8	0	0.00	0.0	29.140	02	6.3	8.8	21	NE	16	03	570	63	7	7
03	77	60	69	4	63	0	4	1 8	0	0.00	0.0	29.200	03	11.7	12.0	26	NE	21	03	557	62	6	6
04	69	51	60*	-6	47	5	0		0	0.00	0.0	29.370	05	14.8	15.9	35	NE	21	02	786	87	7	7
05	71	51	61	-5	48	4	0		0	0.00	0.0	29.510	04	11.8	12.6	26	NE	20	04	844	93	4	4
06	74	50*	62	-4	48	3	0		0	0.00	0.0	29.610	04	9.1	10.0	21	NE	15	05	840	93	0	0
07	80	51	66	-1	50	0	1		0	0.00	0.0	29.570	09	4.9	6.7	17	E	14	08	685	76	2	2
08	82	53	68	1	51	0	3		0	0.00	0.0	29.490	11	5.3	6.3	21	E	15	11	720	79	5	4
09	86	56	71	4	53	0	6		0	0.00	0.0	29.440	21	7.3	7.7	23	S	15	21	611	67	8	7
10	86	65	76	9	60	0	11	8	0	0.01	0.0	29.320	23	10.7	11.5	33	SW	21	25	411	45	9	9
11	82	62	72	4	64	0	7	1 8	0	0.54	0.0	29.220	21	5.5	8.3	24	SW	15	26	258	28	8	7
12	83	60	72	4	60	0	7		0	0.00	0.0	29.280	04	4.9	7.3	22	E	15	05	296	32	6	5
13	89	60	75	7	63	0	10		0	0.00	0.0	29.305	13	8.5	10.9	23	SE	16	10	585	64	3	4
14	93	69	81	13	68	0	16	3 8	0	T	0.0	29.160	19	11.0	15.6	35	N	23	20	731	80	2	4
15	87	67	77	8	67	0	12	8	0	0.00	0.0	29.080	24	6.6	11.8	30	W	20	23	185	20	9	9
16	80	58	69	0	58	0	4		0	0.00	0.0	29.230	01	8.4	10.4	23	N	15	02	574	63	8	7
17	82	55	69	0	53	0	4		0	0.00	0.0	29.330	05	5.7	7.5	21	E	12	05	856	94	2	1
18	85	57	71	2	57	0	6		0	0.00	0.0	29.350	03	5.3	6.6	18	NE	12	04	780	85	3	2
19	87	57	72	2	59	0	7		0	0.00	0.0	29.410	03	6.6	8.0	22	NE	14	04	843	92	0	1
20	94	62	78	8	62	0	13	2	0	0.00	0.0	29.340	10	4.1	6.9	20	NE	15	05	720	79	5	5
21	93	63	78	8	62	0	13	1 8	0	0.00	0.0	29.220	04	5.9	7.4	23	NE	15	02	480	53	5	6
22	67	60	64	-6	59	1	0	1	0	T	0.0	29.270	03	15.2	15.6	31	NE	22	05	0	0	10	10
23	76	60	68	-2	52	0	3		0	0.00	0.0	29.425	05	12.0	12.6	25	NE	16	04	798	87	6	6
24	81	57	69	-2	53	0	4		0	0.00	0.0	29.450	07	5.0	6.3	17	NE	14	08	736	81	5	3
25	86	57	72	1	54	0	7		0	0.00	0.0	29.410	08	5.2	6.1	17	E	10	05	539	59	0	1
26	92	63	78	7	65	0	13	1 8	0	0.00	0.0	29.320	19	11.1	11.3	25	S	18	19	295	32	3	2
27	93	68	81	10	65	0	16	8	0	0.00	0.0	29.350	21	12.7	12.9	26	S	16	20	647	71	5	3
28	89	70	80	9	64	0	15		0	0.00	0.0	29.350	21	10.8	11.5	28	SW	16	21	560	61	5	5
29	96*	71	84*	12	68	0	19		0	0.00	0.0	29.250	23	8.3	8.8	24	SW	14	24	633	69	4	4
30	81	67	74	2	67	0	9	1	0	0.00	0.0	29.210	02	7.2	9.1	21	NE	16	01	567	62	7	7
SUM	2510	SUM 1802				TOTAL 13	TOTAL 226	NUMBER OF DAYS		TOTAL 0.95	TOTAL 0.0	FOR THE MONTH: 29.330	07	2.3	9.8	35	N	23	20	TOTAL 17826	% FOR MONTH 65	SUM 153	SUM 147
AVG	83.7	AVG 60.1	AVG 71.9	DEP 3.3	AVG 58.9	DEP. -25	DEP. 80	PRECIPITATION ≥ .01 INCH 3		DEP -3.13						DATE: 14+		DATE: 14		POSSIBLE 27280		AVG 5.1	AVG 4.9

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL
MAXIMUM TEMP ≥ 90°	MAXIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 0°	5882	404
6	0	0	0	DEP -573	DEP 217

SNOW, ICE PELLETS ≥ 1.0 INCH 0
THUNDERSTORMS 2
HEAVY FOG 1
CLEAR 9 PARTLY CLOUDY 14 CLOUDY 7

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION		SNOW, ICE PELLETS
0.55	10-11	0.0

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
0

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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Kenneth D. Wadell
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

JUN 1991
CHICAGO,IL

JUL 1991
CHICAGO,IL
NATL WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-1854

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 41° 59'N LONGITUDE 87° 54'W ELEVATION (GROUND) 658 FEET TIME ZONE CENTRAL 94846

JUL 1991
CHICAGO,IL

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL 1) 7A	COOLING (SEASON BEGINS WITH JAN 1) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	97	67	82	10	68	0	17	1 8	0	0.00	0.0	29.110	21	4.8	7.4	28	SW	20	22	538	59	7	7
02	96	68	82	10	62	0	17		0	T	0.0	29.130	26	4.9	6.3	22	N	17	21	660	72	5	5
03	91	67	79	7	62	0	14		0	0.24	0.0	29.100	24	6.0	6.7	38	NW	25	28	662	73	4	5
04	84	63	74	2	61	0	9	3	0	0.09	0.0	29.090	24	8.4	8.9	35	NW	23	23	487	54	6	5
05	89	63	76	4	63	0	11		0	0.00	0.0	29.120	25	5.5	5.8	21	W	13	24	797	88	2	2
06	96	67	82	10	69	0	17		0	0.00	0.0	29.090	21	7.2	7.9	26	SW	15	23	521	57	7	5
07	94	67	81	8	68	0	16	3	0	0.35	0.0	29.140	24	4.9	8.0	38	NW	20	32	350	39	7	6
08	78	63	71	-2	60	0	6		0	0.00	0.0	29.290	02	7.7	9.1	23	N	15	03	784	87	3	4
09	81	59	70	-3	55	0	5		0	0.00	0.0	29.300	13	4.2	5.5	20	S	12	11	330	36	8	6
10	84	57	71	-2	57	0	6		0	0.00	0.0	29.250	07	5.3	5.9	16	E	10	07	801	89	3	4
11	86	66	76	3	63	0	11	1	0	T	0.0	29.260	09	6.5	7.7	22	E	13	06	589	65	7	7
12	88	69	79	6	67	0	14	1 8	0	0.00	0.0	29.100	25	5.9	9.7	25	NW	16	28	302	34	9	7
13	78	64	71	-2	61	0	6	1	0	T	0.0	29.240	01	10.7	11.6	23	NE	20	01	298	33	8	7
14	79	60	70	-3	57	0	5		0	0.00	0.0	29.430	02	7.3	8.5	17	NE	16	01	715	80	3	2
15	87	54	71	-2	54	0	6		0	0.00	0.0	29.500	11	3.5	4.3	18	SE	12	08	818	91	0	0
16	91	62	77	4	58	0	12		0	0.00	0.0	29.470	23	6.7	7.0	21	W	15	24	790	88	1	2
17	89	68	79	6	63	0	14	1	0	0.00	0.0	29.335	23	6.9	7.8	24	SW	16	23	345	39	7	6
18	96	70	83	10	65	0	18	1 8	0	0.00	0.0	29.230	22	7.7	8.2	17	SW	13	22	620	69	4	3
19	99	72	86	13	65	0	21	8	0	0.00	0.0	29.230	22	10.2	10.8	24	SW	17	24	655	74	1	2
20	96	74	85	12	66	0	20	8	0	0.00	0.0	29.290	21	11.8	12.1	32	SW	18	18	572	64	7	7
21	90	75	83	10	71	0	18	1 8	0	0.16	0.0	29.320	16	2.2	5.9	21	N	12	01	45	5	10	9
22	101*	74	88*	15	71	0	23	1 3 8	0	0.43	0.0	29.230	24	9.0	10.0	46	W	26	29	302	34	7	8
23	85	64	75	2	55	0	10		0	0.00	0.0	29.290	33	8.1	9.4	23	N	16	35	765	87	4	5
24	83	59	71	-2	53	0	6		0	0.00	0.0	29.270	26	5.9	7.1	20	W	10	01	564	64	7	5
25	77	58	68	-6	53	0	3		0	0.00	0.0	29.370	01	8.0	8.9	21	NE	14	06	580	66	5	3
26	78	53*	66	-8	52	0	1		0	0.00	0.0	29.520	03	5.9	7.4	23	NE	16	04	666	76	4	3
27	77	55	66*	-8	52	0	1		0	0.00	0.0	29.530	02	7.2	8.2	20	NE	14	03	670	76	4	4
28	84	62	73	-1	55	0	8		0	0.05	0.0	29.360	12	5.7	9.0	24	S	14	08	225	26	9	9
29	79	60	70	-4	58	0	5		0	T	0.0	29.260	35	5.6	11.9	31	N	20	35	250	29	8	6
30	79	56	68	-6	54	0	3		0	0.00	0.0	29.340	06	2.1	7.3	16	E	10	09	700	80	4	2
31	92	59	76	3	58	0	11		0	0.00	0.0	29.310	23	11.3	12.1	28	SW	22	24	725	83	7	5
	SUM 2704	SUM 1975				TOTAL 0	TOTAL 334	NUMBER OF DAYS		TOTAL 1.32	TOTAL 0.0	29.270	FOR THE MONTH: 25	1.8	8.3	46	W	26	29	TOTAL 17126	% FOR MONTH	SUM 168	SUM 151
	AVG. 87.2	AVG 63.7	AVG 75.5	DEP 2.5	AVG. 60.5	DEP 0	DEP 82	PRECIPITATION ≥ .01 INCH 6		DEP. -2.31						DATE: 22		DATE: 22		POSSIBLE 27642		AVG 5.4	AVG 4.9

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH 0	GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
MAXIMUM TEMP		MINIMUM TEMP		0	738	THUNDERSTORMS 3	PRECIPITATION		SNOW, ICE PELLETS	
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP 0	DEP 299	HEAVY FOG 0	0.43	22	0.0	0
12	0	0	0			CLEAR 7 PARTLY CLOUDY 18 CLOUDY 6				

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
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AUG 1991
CHICAGO,IL

DATE	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV 674 FEET ABOVE M S L 12	WIND (M P H) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	95	63	79	6	53	0	14		0	0.00	0.0	29.300	09	0.5	5.8	15	E	9	10	706	82	5	4
02	101*	67	84*	11	62	0	19	3 8	0	0.02	0.0	29.170	20	5.7	10.1	35	S	20	23	292	34	10	9
03	80	62	71	-2	62	0	6		0	0.00	0.0	29.250	03	7.1	8.7	16	NE	15	35	26	3	10	10
04	76	61	69	-4	55	0	4		0	0.00	0.0	29.390	03	10.4	10.9	26	NE	16	03	530	62	9	8
05	75	62	69	-4	51	0	4		0	0.00	0.0	29.470	06	9.5	10.1	20	E	14	05	251	29	9	9
06	77	66	72	-1	57	0	7		0	0.00	0.0	29.485	11	9.2	10.2	21	E	15	08	84	10	9	10
07	80	65	73	0	63	0	8	1 8	0	0.16	0.0	29.495	12	6.0	7.2	16	SE	10	09	38	4	10	10
08	72	62	67	-6	63	0	2	23	0	1.74	0.0	29.270	07	8.4	12.3	39	SW	20	04	0	0	10	10
09	79	58	69	-4	57	0	4	1	0	0.01	0.0	29.300	02	12.2	12.7	28	N	18	03	655	77	2	3
10	82	57	70	-3	55	0	5		0	0.00	0.0	29.380	01	7.6	8.7	22	NE	14	05	570	67	4	2
11	83	54	69	-4	50	0	4		0	0.00	0.0	29.480	01	4.6	5.3	20	N	14	02	643	76	3	2
12	82	54	68	-5	55	0	3		0	0.00	0.0	29.490	02	6.2	6.6	21	NE	14	02	607	72	0	1
13	82	59	71	-2	57	0	6		0	0.00	0.0	29.385	03	6.9	8.4	21	NE	15	05	479	57	4	3
14	86	57	72	-1	53	0	7		0	0.00	0.0	29.290	24	2.6	3.6	17	W	9	25	446	53	4	3
15	88	66	77	5	62	0	12		0	0.00	0.0	29.260	25	7.5	8.0	20	W	12	26	405	49	5	5
16	89	62	76	4	60	0	11		0	0.00	0.0	29.210	22	9.3	9.7	25	SW	17	24	317	38	10	9
17	83	67	75	3	64	0	10	1	0	0.09	0.0	29.080	27	8.0	10.2	24	SW	16	28	305	37	7	7
18	86	63	75	3	61	0	10		0	0.00	0.0	29.170	34	5.9	9.8	28	N	20	03	471	57	6	5
19	70	60	65*	-7	58	0	0	1 3 8	0	0.27	0.0	29.250	35	15.4	16.1	30	N	23	33	223	27	9	9
20	76	56	66	-6	56	0	1		0	0.00	0.0	29.330	01	8.2	9.2	23	NE	14	03	320	39	7	7
21	85	53*	69	-3	57	0	4		0	0.00	0.0	29.290	21	7.2	7.4	24	SW	14	21	528	64	4	2
22	89	63	76	5	60	0	11		0	0.00	0.0	29.300	36	3.5	8.7	33	N	14	32	495	61	1	2
23	81	61	71	0	58	0	6		0	0.00	0.0	29.480	06	8.1	9.2	22	NE	13	07	375	46	8	5
24	87	66	77	6	62	0	12		0	0.00	0.0	29.555	10	8.3	9.2	21	E	13	08	452	56	2	3
25	95	66	81	10	62	0	16	8	0	0.00	0.0	29.500	16	8.1	8.8	17	SE	13	13	295	36	0	0
26	93	65	79	9	63	0	14	1 8	0	0.00	0.0	29.440	18	7.6	7.9	21	S	14	17	245	30	1	1
27	92	70	81	11	66	0	16		0	0.00	0.0	29.400	18	8.1	8.7	18	S	14	21	185	23	3	2
28	95	71	83	13	68	0	18	1 8	0	0.00	0.0	29.430	12	4.4	6.6	18	E	14	09	222	28	2	2
29	92	73	83	13	69	0	18	1 3 8	0	0.52	0.0	29.410	21	4.7	7.2	24	N	12	23	207	26	6	7
30	87	71	79	9	71	0	14	1 3 8	0	T	0.0	29.300	16	2.2	4.4	17	NE	12	02	0	0	10	9
31	78	66	72	3	64	0	7	1	0	T	0.0	29.410	03	14.8	15.5	31	NE	24	02	301	38	6	5
	SUM 2616	SUM 1946				TOTAL 0	TOTAL 273	NUMBER OF DAYS		TOTAL 2.81	TOTAL 0.0	29.350	FOR THE MONTH: 04	2.1	8.9	39	SW	24	02	TOTAL 10673	% FOR 17b	SUM 164	SUM
	AVG 84.4	AVG 62.8	AVG 73.6	DEP 1.7	AVG 59.7	DEP -9	DEP 50	PRECIPITATION ≥ .01 INCH 7		DEP -0.72						DATE: 8		DATE: 31		POSSIBLE 25704	MONTH 42	AVG 5.7	AVG 5.3

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL
MAXIMUM TEMP ≥ 90°	MAXIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 0°	0	1011
7	0	0	0	DEP -9	DEP 349

SNOW, ICE PELLETS ≥ 1.0 INCH	0
THUNDERSTORMS	5
HEAVY FOG	1
CLEAR 9	PARTLY CLOUDY 11	CLOUDY 11

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION	1.86	07-08
SNOW, ICE PELLETS	0.0	

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
0

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

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Kenneth D Wadell
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

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NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

SEP 1991
CHICAGO,IL
NATL WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0199-1954

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	WEATHER TYPES (1 FOG, 2 HEAVY FOG, 3 THUNDERSTORM, 4 ICE PELLETS, 5 HAIL, 6 GLAZE, 7 DUSTSTORM, 8 SMOKE, HAZE, 9 BLOWING SNOW)	SNOW, ICE PELLETS OR ICE ON GROUND AT 0600 (INCHES)	PRECIPITATION WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	AVERAGE STATION PRESSURE IN INCHES (ELEV 674 FEET ABOVE M.S.L.)	WIND (M.P.H.) RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST (FASTEST 1-MIN) SPEED	DIRECTION	SPEED	DIRECTION	SUNSHINE MINUTES	PERCENT OF TOTAL POSSIBLE	SKY COVER (TENTHS) SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	74	60	67	-2	57	0	2		0	0.00	0.0	29.540	07	9.3	10.4	22	E	16	09	304	38	3	[illegible]
02	83	62	73	4	56	0	8		0	0.00	0.0	29.470	13	8.1	8.5	16	E	12	12	6	1	10	[illegible]
03	86	67	77	9	66	0	12	1 3 8	0	0.69	0.0	29.350	23	6.1	9.2	24	NW	18	33	0	0	10	[illegible]
04	[illegible]	56	67	[illegible]	54	0	5		0	0.00	0.0	29.400	02	6.0	7.7	[illegible]	N	13	01	542	69	[illegible]	[illegible]
05	80	53	67	[illegible]	51	0	2		0	0.00	0.0	29.400	14	2.0	3.6	16	SE	14	12	453	58	4	3
06	85	54	70	2	54	0	5		0	0.00	0.0	29.470	21	4.7	5.0	15	SW	9	24	[illegible]	[illegible]	0	[illegible]
07	90	61	76	9	56	0	11		0	0.00	0.0	29.490	20	5.2	6.1	16	SE	10	20	750	97	5	[illegible]
08	88	67	78	11	55	0	13		0	T	0.0	29.410	16	9.4	9.6	29	S	18	17	256	46	10	[illegible]
09	84*	70	82*	15	66	0	17	3 8	0	0.18	0.0	29.290	21	13.0	13.7	31	SW	21	23	566	74	4	6
10	79	66	73	6	63	0	8		0	0.00	0.0	29.370	31	3.4	9.3	20	N	14	08	479	63	6	7
11	71	64	68	2	58	0	3		0	0.10	0.0	29.430	08	9.3	9.9	21	E	14	10	250	33	9	9
12	80	62	71	5	62	0	6	1 3 8	0	0.71	0.0	29.300	10	6.4	8.5	30	SW	17	10	190	25	9	9
13	82	65	74	8	66	0	9	2 3 8	0	0.23	0.0	29.265	07	3.6	6.4	18	E	13	08	275	36	7	8
14	90	67	79	14	69	0	14	1 3 8	0	0.04	0.0	29.180	18	6.2	9.1	24	SW	18	22	205	27	9	9
15	91	68	80	15	69	0	15	1 3	0	0.18	0.0	29.195	22	12.6	12.9	46	W	30	26	405	54	7	8
16	77	58	68	3	57	0	3		0	0.01	0.0	29.240	26	12.1	12.7	29	W	21	25	340	45	8	8
17	77	51	64	0	50	1	0		0	T	0.0	29.340	22	6.5	7.4	23	SW	15	23	570	77	6	6
18	69	42	56	-8	42	9	0		0	0.13	0.0	29.360	28	13.5	13.9	30	W	21	28	402	54	7	8
19	56	40	48	-16	32	17	0		0	0.00	0.0	29.630	32	10.9	11.6	28	N	18	32	376	51	7	6
20	60	36	48	-15	33	17	0		0	0.00	0.0	29.680	31	2.1	6.2	13	NW	9	12	706	96	5	3
21	68	39	54	-9	37	11	0		0	0.00	0.0	29.510	17	9.5	9.6	22	S	15	17	706	96	0	1
22	65	47	56	-7	50	9	0	1 8	0	0.05	0.0	29.330	21	10.4	13.3	25	SW	20	17	0	0	10	9
23	66	42	54	-8	39	11	0		0	0.00	0.0	29.490	30	7.8	9.6	22	W	18	28	600	82	3	4
24	57	40	49	-13	45	16	0	1	0	0.19	0.0	29.430	35	2.6	5.9	15	N	12	01	49	7	10	8
25	67	41	54	-8	44	11	0		0	T	0.0	29.050	26	9.6	12.0	33	SW	21	23	193	27	8	7
26	60	40	50	-11	33	15	0		0	0.00	0.0	29.200	30	11.8	12.4	29	NW	20	27	632	88	1	1
27	58	34*	46*	-15	33	19	0		0	0.00	0.0	29.420	02	2.7	5.7	16	NE	12	04	343	48	6	4
28	64	36	50	-11	34	15	0		0	0.00	0.0	29.540	07	3.7	5.4	16	SE	10	10	696	97	0	0
29	67	39	53	-7	42	12	0		0	0.00	0.0	29.580	09	6.5	8.4	21	E	16	08	666	94	6	4
30	82	52	67	7	50	0	2		0	0.00	0.0	29.410	24	12.2	14.3	38	W	30	25	606	85	7	7
	SUM 2243	SUM 1579				TOTAL 163	TOTAL 132	NUMBER OF DAYS		TOTAL 2.51	TOTAL 0.0	FOR THE MONTH: 29.390	23	2.4	9.3	46	W	30	25	TOTAL 12443	% 100	SUM 180	SUM [illegible]
	AVG 74.8	AVG 52.6	AVG 63.7	DEP -1.0	AVG. 50.7	DEP 88	DEP 66	PRECIPITATION ≥ .01 INCH 11		DEP -0.84						DATE: 15		DATE: 30+		POSSIBLE 22463	MONTH 55	AVG 6.2	AVG 5.7

NUMBER OF DAYS				SEASON TO DATE			
MAXIMUM TEMP		MINIMUM TEMP		TOTAL	TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH	0
≥ 90°	≤ 32°	≤ 32°	≤ 0°	163	1143	THUNDERSTORMS	6
DEP		DEP		DEP	DEP	HEAVY FOG	1
4	0	0	0	79	415	CLEAR 7 PARTLY CLOUDY 13 CLOUDY 10	

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION	SNOW, ICE PELLETS	
0.87	11-12	0.0

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE: 0

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S)
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER TENTHS SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	73	46	60	3	44	5	0		0	0.00	0.0	29.280	21	7.7	9.2	31	SW	18	21	416	59	10	4
02	80*	59	70*	11	57	0	5	1	0	0.31	0.0	29.100	21	12.1	13.0	28	SW	18	23	120	17	10	10
03	72	54	63	4	56	2	0	1 8	0	0.27	0.0	29.190	05	2.7	9.5	25	N	21	35	79	11	9	4
04	61	50	56	-2	54	9	0	1 3	0	2.57	0.0	29.050	04	8.9	12.3	32	N	26	36	4	1	10	10
05	57	38	48	-10	38	17	0	1	0	0.01	0.0	29.140	27	13.4	14.0	30	W	20	27	269	39	8	7
06	53	35	44	-14	33	21	0		0	T	0.0	29.370	28	11.3	12.3	37	NW	22	31	253	37	9	5
07	57	33	45	-12	32	20	0		0	0.00	0.0	29.440	24	6.8	8.4	20	SW	14	25	595	86	0	0
08	75	48	62	5	43	3	0		0	0.00	0.0	29.250	21	16.7	17.0	33	SW	22	22	500	73	7	6
09	73	51	62	5	47	3	0		0	T	0.0	29.340	26	1.6	6.4	22	SW	18	22	329	48	7	7
10	65	42	54	-2	36	11	0		0	0.01	0.0	29.320	31	3.4	5.2	21	N	13	36	290	43	8	7
11	66	47	57	1	42	8	0		0	0.06	0.0	29.015	26	1.7	7.6	24	NW	17	33	390	58	1	4
12	57	38	48	-7	40	17	0		0	0.00	0.0	29.210	01	9.2	10.5	23	NE	16	02	250	37	5	4
13	60	34	47	-8	36	18	0		0	0.09	0.0	29.320	17	6.0	7.7	18	SE	14	15	200	30	6	6
14	58	39	49	-5	41	16	0	1 3 8	0	0.23	0.0	29.035	25	9.7	12.6	32	W	22	28	75	11	10	10
15	49	32	41	-13	27	24	0		0	0.00	0.0	29.190	28	6.8	7.0	18	NW	12	30	345	52	6	4
16	62	28*	45	-9	29	20	0		0	0.00	0.0	29.290	20	10.1	10.3	25	SW	18	21	664	100	0	0
17	74	49	62	9	38	3	0		0	0.00	0.0	29.190	20	14.5	14.9	35	S	23	13	662	100	1	1
18	55	34	45	-8	36	20	0	4	0	0.24	T	29.470	36	11.1	13.1	25	NE	18	05	154	23	4	4
19	47	29	38*	-14	24	27	0		0	0.00	0.0	29.630	33	5.5	7.0	22	N	16	32	625	95	1	0
20	54	29	42	-10	25	23	0		0	0.00	0.0	29.470	21	5.6	5.9	18	SW	12	23	611	93	4	3
21	67	35	51	0	37	14	0		0	0.00	0.0	29.250	21	11.2	11.3	28	SW	20	22	618	95	4	4
22	76	50	63	12	48	2	0		0	0.00	0.0	29.225	19	11.1	11.3	28	S	17	20	605	93	4	5
23	77	55	66	15	59	0	1	8	0	0.00	0.0	29.230	18	13.7	14.1	32	S	21	17	549	85	7	6
24	74	63	69	19	63	0	4	1 3 8	0	0.35	0.0	29.200	19	15.1	15.3	35	S	23	20	142	22	10	10
25	67	49	58	8	55	7	0	1 3	0	1.04	0.0	29.300	01	0.9	9.5	26	NE	17	20	116	18	10	10
26	54	47	51	2	48	14	0	1	0	1.07	0.0	29.310	03	9.7	10.3	17	N	14	01	0	0	10	10
27	53	47	50	1	49	15	0	1	0	0.01	0.0	29.450	03	11.2	11.9	21	NE	17	04	5	1	10	10
28	58	52	55	7	52	10	0	1	0	0.13	0.0	29.450	11	13.9	14.6	25	E	18	12	0	0	10	10
29	70	55	63	15	58	2	0	1 8	0	0.17	0.0	29.400	17	6.9	10.3	22	SE	16	14	104	17	10	10
30	55	37	46	-1	40	19	0	1	0	0.78	0.0	29.610	36	12.5	12.9	25	N	17	36	0	0	10	10
31	54	41	48	1	46	17	0	1	0	0.02	0.0	29.410	06	10.9	13.0	36	NE	20	03	0	0	10	10
	SUM 1953	SUM 1346				TOTAL 367	TOTAL 10	NUMBER OF DAYS		TOTAL 7.36	TOTAL T	29.290	FOR THE MONTH: 22	2.5	10.5	37	NW	26	36	TOTAL 8970	% FOR 2111	SUM 205	SUM
	AVG 63.0	AVG 43.4	AVG 53.2	DEP -0.3	AVG 42.9	DEP -1	DEP -2	PRECIPITATION ≥ .01 INCH 17		DEP 5.08						DATE: 6		DATE: 4		POSSIBLE 20619	MONTH 44	AVG 6.3	AVG 5.6

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH 0	GREATEST IN 24 HOURS AND DATES		GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
MAXIMUM TEMP ≥ 90°	MAXIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 0°	530	1153	THUNDERSTORMS 4	PRECIPITATION	SNOW, ICE PELLETS	
0	0	4	0	DEP 78	DEP 413	HEAVY FOG 0	2.64 03-04	trace 18	0
						CLEAR 5 PARTLY CLOUDY 10 CLOUDY 16			

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE
T TRACE AMOUNT
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

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NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

OCT 1991
CHICAGO, IL

NOV 1991
CHICAGO,IL
NATL WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0196-1854

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JULY) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 (INCHES) 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	57	30	44	-2	40	21	0	8	0	0.38	T	28.870	18	14.8	20.4	45	SW	30	25	53	9	10	10
02	32	18	25	-21	15	40	0		0	T	T	29.320	25	22.3	22.7	44	SW	31	25	35	6	10	10
03	24	13	19	-26	12	46	0		T	T	T	29.540	25	15.8	16.1	32	W	24	24	522	84	8	9
04	25	11	18*	-27	9	47	0		T	T	T	29.615	25	9.4	10.0	20	SW	16	28	565	92	4	6
05	38	17	28	-17	20	37	0	1	T	T	T	29.330	19	12.8	14.1	31	S	20	20	514	84	9	8
06	36	19	28	-16	14	37	0		0	T	T	29.450	31	9.0	10.4	26	W	22	29	536	88	10	10
07	27	13	20	-24	-1	45	0		0	0.00	0.0	29.710	33	9.5	10.1	23	N	14	34	575	95	1	2
08	32	11	22	-21	4	43	0		0	0.00	0.0	29.780	26	4.1	5.6	14	SW	7	21	580	96	0	0
09	37	14	26	-17	12	39	0		0	0.00	0.0	29.655	19	7.7	7.9	22	SW	14	19	580	96	1	2
10	45	20	33	-9	23	32	0	1	0	0.02	0.4	29.470	33	0.7	5.3	17	N	12	04	475	79	9	8
11	38	32	35	-7	32	30	0	1	T	T	T	29.505	31	4.3	5.0	14	NW	9	33	150	25	10	10
12	37	33	35	-6	32	30	0	1	0	0.01	T	29.420	24	8.3	8.8	22	SW	15	24	0	0	10	10
13	56	35	46	5	35	19	0	8	0	0.00	0.0	29.200	21	9.7	10.1	24	S	16	20	530	89	6	4
14	57	40	49	9	47	16	0	1	0	0.62	0.0	29.190	20	10.6	10.8	25	S	18	19	358	60	8	7
15	57	39	48	8	48	17	0	1	0	0.24	0.0	29.290	31	1.8	12.6	28	NE	18	03	40	7	10	10
16	47	35	41	1	35	24	0		0	0.00	0.0	29.610	04	10.9	11.3	23	N	16	02	85	14	7	7
17	49	34	42	3	35	23	0		0	0.01	0.0	29.420	13	10.7	11.1	22	SE	15	13	0	0	10	9
18	67	44	56	17	54	9	0	1	0	0.26	0.0	29.040	18	15.5	16.3	31	S	21	21	92	16	7	8
19	70*	44	57*	19	55	8	0	1 3 8	0	0.48	0.0	29.200	23	2.6	10.9	31	SW	16	36	15	3	10	10
20	47	31	39	1	36	26	0	1	0	0.06	0.0	29.320	01	7.6	8.0	28	N	17	01	20	3	10	7
21	54	27	41	4		24	0	1 8	0	0.00	0.0					17	S	10	18	535	93		
22	53	34	44	7	38	21	0	2 8	0	T	0.0	29.260	16	5.5	6.0	15	SE	9	18	0	0		
23	46	24	35	-1	29	30	0	1 6 9	0	0.14	0.8	29.025	21	15.1	17.2	39	SW	24	23	0	0	10	10
24	28	19	24	-12	19	41	0	1 6	1	T	T	29.190	27	12.7	13.9	30	SW	20	23	0	0	10	9
25	24	13	19	-17	10	46	0		T	T	T	29.540	28	7.5	7.7	17	W	12	27	521	91	4	1
26	37	8*	23	-12	15	42	0		T	0.00	0.0	29.500	18	11.5	12.0	31	S	21	18	256	45	7	6
27	43	34	39	4	33	26	0	1	T	0.13	T	29.275	23	13.2	15.2	35	SW	21	25	31	5	8	9
28	38	32	35	1	35	30	0	1	T	0.66	T	29.350	05	8.9	10.0	23	NE	21	06	0	0	10	10
29	60	38	49	15	48	16	0	1 3	0	0.56	0.0	29.095	17	7.5	11.6	44	S	30	18	0	0	10	10
30	61	25	43	10	32	22	0		0	0.02	0.0	29.200	25	15.6	17.7	51	SW	32	24	0	0	10	8
SUM	SUM					TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH:								TOTAL	% FOR MONTH	SUM	SUM
1322	787					887	0	NUMBER OF DAYS		3.59	1.2	29.360	23	5.3	11.4	51	SW	32	24	7068		219	210
AVG.	AVG.	AVG.	DEP.	AVG.		DEP.	DEP.	PRECIPITATION		DEP.						DATE:30		DATE:30		POSSIBLE		AVG.	AVG.
44.1	26.2	35.2	-4.6	28.1		131	0	≥ .01 INCH.	14	1.53										17737	40	7.8	7.5

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL
MAXIMUM TEMP		MINIMUM TEMP		1417	1153
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.
0	7	19	0	209	413

SNOW, ICE PELLETS	
≥ 1.0 INCH	0
THUNDERSTORMS	2
HEAVY FOG	1
CLEAR 3	PARTLY CLOUDY 6

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION	SNOW, ICE PELLETS	
0.86	14-15	0.8 23
CLOUDY 19		

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
1	24+

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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NOV 1991
CHICAGO,IL

DEC 1991
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NAT'L WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-1854

LOCAL CLIMATOLOGICAL DATA
Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES	PRECIPITATION WATER EQUIVALENT (INCHES)	SNOW, ICE PELLETS (INCHES)	AVERAGE STATION PRESSURE IN INCHES ELEV. 674 FEET ABOVE M.S.L.	WIND (M.P.H.) RESULTANT DIR	RESULTANT SPEED	AVERAGE SPEED	PEAK GUST SPEED	PEAK GUST DIRECTION	FASTEST 1-MIN SPEED	FASTEST 1-MIN DIRECTION	SUNSHINE MINUTES	PERCENT OF TOTAL POSSIBLE	SKY COVER (TENTHS) SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	31	23	27	-6	16	38	0		0	0.00	0.0	29.520	28	6.3	7.1	14	W	10	25	139	25	10	8
02	34	27	31	-2	24	34	0	1	0	0.49	5.6	29.275	04	11.9	13.3	25	NE	18	03	290	52	10	10
03	30	13	22	-10	20	43	0	1 9	6	0.09	0.7	29.050	27	10.8	12.8	32	W	21	26	270	48	10	10
04	13	3*	8*	-24	0	57	0	1 9	6	0.00	0.0	29.480	27	13.9	14.5	28	W	21	26	525	94	1	6
05	33	6	20	-11		45	0		6	T	T					32	W	22	29	430	77	10	10
06	41	6	24	-7	16	41	0		5	0.00	0.0	29.320	20	10.9	13.4	37	SW	25	21	502	90	8	6
07	49	39	44	13	43	21	0	1	4	T	0.0	29.090	21	10.4	11.1	30	S	21	23	0	0	10	9
08	60	36	48	18	49	17	0	1 3	1	0.32	0.0	29.050	23	10.3	14.1	31	SW	21	20	50	9	10	8
09	41	30	36	6	32	29	0	1 8	0	0.00	0.0	29.330	25	3.3	5.6	13	W	8	28	450	81	6	3
10	49	28	39	9	33	26	0	1	0	0.00	0.0	29.320	21	12.3	12.7	29	S	23	23	325	59	3	2
11	49	30	40	11	34	25	0		0	0.00	0.0	29.420	14	4.3	6.8	18	S	14	16	472	86	4	4
12	60*	38	49*	20	47	16	0	1	0	0.49	0.0	29.010	20	13.9	17.6	40	S	26	19	0	0	10	10
13	44	30	37	8	34	28	0	1 8	0	0.00	0.0	29.200	26	3.1	6.8	20	W	17	29	423	77	1	4
14	36	19	28	0	17	37	0	1	0	0.05	T	29.315	27	20.4	21.5	44	NW	32	26	472	86	3	4
15	30	7	19	-9	9	46	0	9	0	0.04	0.4	29.510	29	12.4	15.4	33	NW	23	32	410	75	5	3
16	35	6	21	-6	14	44	0		T	T	T	29.420	20	8.1	9.9	25	S	17	21	392	72	7	7
17	37	19	28	1	19	37	0		T	T	T	29.335	29	14.3	15.8	33	W	31	28	426	78	4	4
18	22	7	15	-12	4	50	0		T	T	T	29.860	34	11.0	11.3	32	N	20	35	487	89	0	2
19	31	6	19	-8	13	46	0		0	0.00	0.0	30.000	18	8.0	8.5	22	S	16	17	460	84	5	5
20	35	30	33	7	26	32	0	1 6	0	0.20	0.8	29.700	21	11.6	13.0	24	S	17	21	49	9	10	10
21	35	26	31	5	28	34	0	1 8	1	0.00	0.0	29.630	25	7.9	8.8	21	SW	15	23	477	87	2	5
22	36	29	33	7	32	32	0	1	T	T	0.0	29.260	22	13.1	13.7	29	SW	18	22	0	0	10	10
23	38	23	31	6	25	34	0	1	T	0.03	0.1	29.200	34	9.8	11.2	24	N	21	35	184	34	9	6
24	42	17	30	5	22	35	0		T	0.00	0.0	29.360	26	9.3	9.8	30	W	18	26	441	80	0	0
25	42	17	30	5	25	35	0	1	T	0.00	0.0	29.530	19	3.0	5.0	12	S	8	20	460	84	4	2
26	45	25	35	11	30	30	0	1 8	T	0.00	0.0	29.530	24	4.9	10.0	21	SW	20	04	450	82	2	4
27	37	34	36	12	32	29	0	1	0	0.00	0.0	29.790	08	9.2	10.3	23	NE	15	08	40	7	10	10
28	37	32	35	11	33	30	0	1	0	T	0.0	29.515	04	8.3	9.2	18	NE	15	03	83	15	10	10
29	35	30	33	9	30	32	0	1	0	0.00	0.0	29.350	32	7.6	8.3	18	N	12	36	0	0	10	10
30	37	30	34	11	29	31	0	1	0	0.00	0.0	29.600	05	2.9	6.9	25	NE	10	11	0	0	10	10
31	34	31	33	10	28	32	0	1	0	0.00	0.0	29.740	16	6.1	6.5	14	S	10	13	0	0	10	10
	SUM	SUM				TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL		FOR THE MONTH:							TOTAL	%	SUM	SUM
	1178	697				1066	0			1.71	7.6	29.420	25	4.8	11.1	44	NW	32	26	8707	FOR MONTH	204	202
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE:14		DATE:14		POSSIBLE		AVG	AVG
	38.0	22.5	30.3	2.6	25.0	-90	0	≥ .01 INCH	8	-0.39										17130	51	6.6	6.5

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL
MAXIMUM TEMP		MINIMUM TEMP		2483	1153
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.
0	6	27	0	119	413

SNOW, ICE PELLETS ≥ 1.0 INCH	1
THUNDERSTORMS	1
HEAVY FOG	0
CLEAR 8 PARTLY CLOUDY 7 CLOUDY 16	

GREATEST IN 24 HOURS AND DATES			
PRECIPITATION		SNOW, ICE PELLETS	
0.55	02-03	6.0	02-03

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
6	05+

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
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DEC 1991
CHICAGO,IL

JAN 1992
CHICAGO,IL
NAT'L WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-6854

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

CHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

JAN 1992
CHICAGO,IL

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	36	31	34	11	31	31	0	1	0	T	T	29.650	14	6.6	7.1	14	SE	10	13	0	0	10	10
02	43	36	40	18	40	25	0	1	0	0.02	0.0	29.370	15	6.9	7.4	17	S	13	17	0	0	10	10
03	41	36	39	17	37	26	0	2	0	T	0.0	29.280	27	4.1	5.4	16	W	13	29	0	0	10	10
04	38	32	35	13	33	30	0	1	0	0.00	0.0	29.385	01	4.9	8.6	16	NE	13	06	0	0	10	10
05	36	34	35	13	32	30	0	1	0	0.00	0.0	29.360	13	5.7	8.1	18	E	12	10	0	0	10	10
06	37	32	35	13	33	30	0	1	0	T	0.0	29.310	27	6.2	6.9	15	W	13	28	0	0	10	10
07	37	32	35	13	31	30	0	1 8	0	0.00	0.0	29.440	12	5.2	7.8	25	SE	16	10	0	0	10	10
08	44	35	40*	19	38	25	0	1	0	0.23	0.0	29.190	16	11.7	12.7	23	SE	21	14	0	0	10	10
09	44	32	38	17	36	27	0	1	0	0.02	T	29.140	26	11.5	11.8	24	W	18	28	0	0	10	10
10	35	25	30	9	25	35	0	1	0	T	T	29.280	27	10.4	11.2	21	NW	15	30	407	73	6	6
11	45*	25	35	14	31	30	0		0	0.00	0.0	29.195	22	11.1	11.5	26	S	17	20	356	63	1	2
12	40	34	37	16	34	28	0	1	0	0.01	T	29.060	21	13.6	13.8	28	S	22	20	20	4	10	9
13	38	25	32	11	34	33	0	1 6	0	0.10	1.2	28.970	35	10.4	14.8	35	N	25	01	0	0	10	10
14	25	15	20	-1	13	45	0	1 6 9	2	0.03	0.6	29.080	32	13.2	14.9	39	NW	26	33	383	68	4	6
15	20	-10	5	-16	3	60	0	1 9	1	0.05	0.9	29.320	32	12.3	14.5	36	NW	28	33	370	55	8	5
16	27	-12*	8	-13	1	57	0		2	T	T	29.210	21	13.3	14.7	33	S	21	20	356	63	10	8
17	32	9	21	0	11	44	0		2	0.01	0.1	29.230	28	17.4	17.8	32	W	25	28	389	68	4	4
18	11	-1	5*	-16	-6	60	0		2	0.00	0.0	29.640	28	10.0	10.5	22	W	15	33	389	68	0	0
19	33	-5	14	-7	6	51	0		1	0.00	0.0	29.370	21	10.7	12.6	35	S	23	20	377	66	8	6
20	33	15	24	3	16	41	0		1	0.00	0.0	29.320	28	7.5	13.7	26	SW	20	24	487	85	5	5
21	40	25	33	12	29	32	0	1	1	0.00	0.0	29.255	07	0.9	8.7	24	SW	18	24	435	75	1	1
22	41	30	36	15	35	29	0	1	1	0.15	0.0	29.040	18	10.2	10.9	28	S	17	20	294	51	10	10
23	39	17	28	7	26	37	0	1 9	0	0.05	0.2	28.760	28	14.6	16.9	35	NW	25	28	0	0	10	10
24	23	14	19	-2	7	46	0	9	T	0.00	0.0	29.280	29	9.5	12.2	31	NW	21	32	455	78	0	4
25	29	21	25	4	22	40	0	1	1	0.20	2.6	29.350	06	4.8	11.8	23	SE	20	04	0	0	10	10
26	30	8	19	-2	17	46	0		3	0.00	0.0	29.570	19	7.0	9.2	21	S	15	18	350	60	7	6
27	33	26	30	9	26	35	0	1	3	0.00	0.0	29.510	29	6.6	11.6	21	N	15	29	190	32	9	7
28	33	27	30	8	25	35	0	1	2	0.00	0.0	29.650	25	5.6	8.1	17	SW	14	22	174	29	10	10
29	33	27	30	8	29	35	0	1	1	0.00	0.0	29.480	21	12.1	12.4	22	SW	16	22	424	71	8	8
30	37	30	34	12	33	31	0	1	1	0.00	0.0	29.220	29	6.7	8.4	17	SW	12	24	0	0	10	8
31	36	27	32	10	28	33	0	1	1	T	T	29.290	34	9.2	12.0	22	W	16	36	0	0	10	10
	SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL	FOR THE MONTH:								TOTAL	%	SUM	SUM
	1069	672				1137	0	NUMBER OF DAYS		0.87	5.6	29.300	26	4.6	11.2	39	NW	28	33	5856	FOR MONTH	241	235
	AVG	AVG	AVG	DEP.	AVG	DEP.	DEP.	PRECIPITATION		DEP.						DATE:14		DATE:15		POSSIBLE		AVG	AVG
	34.5	21.7	28.1	6.7	24.3	-215	0	≥ .01 INCH	11	-0.73										17757	33	7.8	7.6

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH	2	GREATEST IN 24 HOURS AND DATES				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP		MINIMUM TEMP		3620	0	THUNDERSTORMS	0	PRECIPITATION		SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	1	0.23	08	2.6	25	3	27+
0	8	26	4	-96	0	CLEAR 4	PARTLY CLOUDY 5	CLOUDY 22					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Wadell
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

FEB 1992
CHICAGO,IL
NAT'L WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-1854

LOCAL CLIMATOLOGICAL DATA
Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV. 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	35	25	30	7	23	35	0		T	0.00	0.0	29.520	04	2.0	6.9	16	E	12	36	328	55	7	6
02	51	24	38	15	30	27	0		T	0.00	0.0	29.410	20	5.8	5.9	18	SW	13	21	555	92	4	3
03	59*	27	43*	20	38	22	0	1 8	T	0.00	0.0	29.300	23	4.4	5.8	20	NW	13	31	555	92	7	7
04	40	31	36	13	30	29	0	1	0	T	0.0	29.360	35	11.5	12.5	23	N	20	35	360	59	8	9
05	41	24	33	10	28	32	0		0	0.00	0.0	29.310	23	4.7	7.5	16	S	13	21	184	30	0	2
06	41	29	35	11	30	30	0		0	0.00	0.0	29.040	27	7.3	9.9	20	NW	16	32	212	35	8	7
07	34	19	27	3	21	38	0	2	0	0.03	0.3	29.070	32	13.4	13.5	25	NW	17	33	192	31	10	9
08	25	11	18	-6	8	47	0		T	T	T	29.325	32	14.0	14.2	30	NW	21	33	209	34	6	6
09	29	6*	18*	-6	6	47	0		T	0.00	0.0	29.600	20	2.7	7.7	23	S	14	17	580	94	1	3
10	36	24	30	5	25	35	0	1	0	T	T	29.450	20	13.4	14.1	28	S	18	20	10	2	10	10
11	34	18	26	1	20	39	0	1	0	0.00	0.0	29.670	02	12.2	14.4	23	N	18	01	300	48	9	9
12	30	17	24	-1	16	41	0		0	T	T	29.645	10	10.1	11.3	23	NE	17	21	530	84	9	10
13	34	27	31	6	28	34	0	1	T	0.01	0.3	29.270	25	5.5	7.0	14	W	13	25	263	42	10	10
14	34	31	33	7	32	32	0	1	0	0.21	T	29.270	12	5.2	9.0	22	E	16	07	0	0	10	10
15	37	33	35	9	35	30	0	23 6	0	0.40	0.0	28.920	36	8.5	11.8	24	N	18	08	0	0	10	10
16	36	32	34	8	33	31	0	1	0	T	T	29.360	25	5.2	7.5	17	NW	12	29	0	0	10	10
17	40	36	38	11	36	27	0	1	0	0.01	0.0	29.380	09	10.1	11.4	22	SE	17	07	103	16	10	9
18	46	35	41	14	39	24	0	2	0	0.30	0.0	29.040	12	5.3	8.9	17	E	16	08	0	0	10	10
19	41	34	38	11	35	27	0	1	0	0.05	T	29.195	30	8.1	9.7	20	NW	15	33	0	0	10	10
20	48	32	40	13	32	25	0	1	0	0.00	0.0	29.355	22	11.5	14.9	37	SW	24	20	311	48	10	8
21	37	25	31	3	26	34	0		0	0.00	0.0	29.560	05	6.2	9.6	18	E	15	07	450	69	10	8
22	50	34	42	14	34	23	0	1	0	T	0.0	29.400	04	7.2	8.3	16	NE	12	04	470	72	4	6
23	42	31	37	9	36	28	0	1	0	0.00	0.0	29.370	04	11.6	11.8	16	NE	16	04	150	23	10	9
24	40	33	37	8	34	28	0	1	0	0.36	0.7	29.360	06	4.9	7.6	20	NE	14	08	51	8	10	10
25	35	32	34	5	29	31	0	1 8	0	0.00	0.0	29.350	31	10.0	10.8	21	NW	15	36	19	3	10	10
26	39	28	34	5	27	31	0		0	0.00	0.0	29.110	26	11.1	11.7	26	W	20	28	495	74	7	6
27	47	31	39	9	33	26	0	1 8	0	0.00	0.0	29.090	27	9.5	10.6	23	NW	16	33	455	68	7	4
28	48	31	40	10	33	25	0	1 4	0	0.02	T	28.940	31	4.6	15.9	39	NE	26	02	101	15	10	10
29	38	22	30	0	20	35	0	1 6	0	T	T	29.370	27	3.3	10.3	21	NE	16	02	590	88	2	2
	SUM 1147	SUM 782	—	—	—	TOTAL 913	TOTAL 0	NUMBER OF DAYS		TOTAL 1.39	TOTAL 1.3	FOR THE MONTH: 29.310	31	2.1	10.4	39	NE	26	02	TOTAL 7473	% FOR MONTH 229	SUM AVG 223	
	AVG. 39.6	AVG. 27.0	AVG. 33.3	DEP. 7.3	AVG. 28.1	DEP. -214	DEP. 0	PRECIPITATION ≥ .01 INCH. 9		DEP. 0.08	—	—	—	—	—	DATE: 28		DATE: 28		POSSIBLE 18489		AVG 7.9	

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL
MAXIMUM TEMP		MINIMUM TEMP		4533	0
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.
0	3	23	0	-310	0

SNOW, ICE PELLETS	
≥ 1.0 INCH	0
THUNDERSTORMS	1
HEAVY FOG	3
CLEAR 3	PARTLY CLOUDY 7

GREATEST IN 24 HOURS AND DATES			
PRECIPITATION		SNOW, ICE PELLETS	
0.59	14-15	0.7	24
CLOUDY 19			

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
1	24

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
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NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

FEB 1992
CHICAGO,IL

MAR 1992
CHICAGO,IL
NAT'L WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-1854

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

OHARE INTERNATIONAL AIRPORT

LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

MAR 1992
CHICAGO,IL

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0600 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV. 674 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR. 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	71*	38	55	25	38	10	0		0	0.00	0.0	29.160	23	12.0	13.7	33	SW	20	24	620	92	1	1
02	58	32	45	14	38	20	0	2 8	0	0.00	0.0	29.330	03	7.7	8.3	17	NE	14	04	517	76	7	6
03	40	36	38	7	38	27	0	2	0	0.00	0.0	29.425	05	11.9	12.1	18	E	16	05	0	0	10	10
04	64	35	50	19	40	15	0	1 8	0	0.00	0.0	29.370	06	5.9	6.9	13	E	10	06	558	81	1	4
05	63	43	53	21	50	12	0	1 3 8	0	0.18	0.0	29.300	09	5.8	7.2	16	N	15	09	22	3	10	10
06	62	47	55*	23	53	10	0	23	0	0.17	0.0	29.140	09	5.9	7.4	18	NE	12	09	12	2	10	10
07	51	44	48	16	48	17	0	23	0	0.04	0.0	29.095	35	4.3	6.7	14	NW	10	32	0	0	10	10
08	63	43	53	20	49	12	0	1	0	T	0.0	29.250	24	4.6	8.0	18	W	15	28	280	40	6	7
09	63	23	43	10	44	22	0	1 3456	0	0.33	0.3	29.000	18	1.1	16.4	31	N	26	02	0	0	10	9
10	24	15	20	-14	15	45	0	1 3 6	1	0.12	1.0	29.100	35	20.0	20.1	36	N	28	35	17	2	10	10
11	29	11*	20*	-14	12	45	0		1	0.00	0.0	29.230	33	7.5	9.0	20	NW	16	33	615	87	6	6
12	29	15	22	-12	13	43	0		1	T	T	29.270	35	10.5	11.0	22	NW	16	36	638	90	2	2
13	34	18	26	-9	17	39	0	1	T	0.01	0.2	29.280	28	6.9	7.3	18	W	10	28	610	86	5	5
14	35	24	30	-5	22	35	0	1	T	0.01	0.2	29.270	34	5.4	6.8	15	NW	13	33	451	63	10	8
15	36	22	29	-6	19	36	0		T	0.00	0.0	29.480	34	5.3	7.5	20	NW	17	01	651	91	2	2
16	47	19	33	-3	29	32	0	3 5	T	0.17	T	29.320	20	13.8	14.0	32	S	22	20	566	79	4	5
17	44	32	38	2	29	27	0		0	T	0.0	29.280	03	8.6	12.2	30	NE	21	05	632	88	2	5
18	36	29	33	-4	22	32	0		0	0.00	0.0	29.260	06	16.1	16.3	32	NE	23	06	223	31	10	9
19	41	28	35	-2	21	30	0		0	0.00	0.0	29.270	04	8.6	11.7	26	NE	20	04	550	76	7	7
20	40	29	35	-2	23	30	0	1	0	T	T	29.310	32	3.1	9.6	25	NE	17	32	280	38	8	6
21	36	24	30	-8	25	35	0	1 9	0	0.92	8.5	29.290	10	10.0	10.8	28	NE	18	12	158	22	10	8
22	34	20	27	-11	21	38	0	1 9	9	0.04	0.3	29.170	36	10.1	13.9	28	N	21	02	455	62	6	5
23	45	17	31	-8	19	34	0		7	0.00	0.0	29.305	25	3.8	6.7	12	W	9	29	634	86	0	0
24	58	25	42	3	32	23	0		4	0.00	0.0	29.350	20	9.2	10.4	25	SW	17	21	632	85	0	1
25	52	33	43	3	35	22	0		T	T	0.0	29.200	22	9.6	10.8	23	SW	16	23	200	27	8	7
26	51	32	42	2	30	23	0	1 3	T	0.06	0.9	29.130	28	9.3	14.2	35	NW	24	32	390	52	8	9
27	41	27	34	-7	24	31	0		1	T	T	29.470	35	10.2	12.6	36	NW	23	33	590	79	2	3
28	47	25	36	-5	27	29	0	1 4 8	0	0.17	0.2	29.550	11	4.3	6.8	16	E	13	10	525	70	8	8
29	43	36	40	-1	36	25	0	1	0	0.31	0.0	29.360	09	9.2	10.1	21	E	15	10	0	0	10	10
30	49	32	41	-1	33	24	0		0	0.00	0.0	29.320	36	7.8	10.0	28	NW	15	31	286	38	8	6
31	51	31	41	-1	29	24	0		0	0.14	0.0	29.180	28	7.3	11.6	32	NW	20	33	250	33	9	7
	SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL					FOR THE MONTH:				TOTAL	%	SUM	SUM
	1437	885				847	0	NUMBER OF DAYS		2.67	11.6	29.270	36	2.6	10.7	36	NW	28	35	11362	FOR	200	196
	AVG.	AVG.	AVG	DEP	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 27+		DATE: 10		POSSIBLE	MONTH	AVG	AVG
	46.4	28.5	37.5	1.5	30.0	-52	0	≥ .01 INCH 14		0.08										22218	51	6.5	6.3

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL	SNOW, ICE PELLETS ≥ 1.0 INCH 2	GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
MAXIMUM TEMP.		MINIMUM TEMP.		5380	0	THUNDERSTORMS 7	PRECIPITATION	SNOW, ICE PELLETS			
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG 4	0.96 21-22	8.8 21-22		9	22
0	3	22	0	-327	0	CLEAR 8 PARTLY CLOUDY 7 CLOUDY 16					

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
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APR 1992
CHICAGO,IL
NAT'L WEA SER OFC
10600 WEST HIGGINS RD

ISSN 0198-1854

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

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LATITUDE 42° 00'N LONGITUDE 87° 53'W ELEVATION (GROUND) 684 FEET TIME ZONE CENTRAL 94846

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01	39	28	34	-9	23	31	0	1	T	0.12	1.1	29.270	35	10.7	11.9	24	N	20	36	426	56	8	8
02	38	25	32*	-11	19	33	0		1	T	T	29.300	33	6.8	10.0	21	N	14	36	580	76	5	4
03	52	24*	38	-6	26	27	0		0	T	0.0	29.000	21	9.8	10.5	28	SW	21	22	445	58	10	9
04	45	26	36	-8	27	29	0	1	0	0.04	T	29.150	01	12.1	12.7	30	NW	22	01	508	66	6	5
05	52	25	39	-6	24	26	0		0	0.00	0.0	29.490	12	3.9	6.6	21	E	14	10	611	79	0	0
06	66	33	50	5	31	15	0		0	0.00	0.0	29.350	19	12.3	12.7	25	S	18	20	538	69	8	6
07	66	38	52	6	38	13	0		0	T	0.0	29.240	25	2.8	9.3	32	NW	15	32	404	52	9	6
08	63	37	50	4	32	15	0		0	T	0.0	29.360	04	3.9	8.3	17	SE	14	05	468	60	9	8
09	57	39	48	2	37	17	0		0	T	0.0	29.340	06	9.5	9.9	20	E	17	04	578	74	6	7
10	69	46	58	11	46	7	0	1 3 8	0	0.46	0.0	29.180	11	4.2	10.1	29	W	18	25	63	8	9	9
11	58	40	49	2	41	16	0	2 8	0	T	0.0	29.240	35	8.3	9.8	26	N	20	34	118	15	10	9
12	41	33	37	-11	20	28	0		0	0.00	0.0	29.770	02	10.4	12.4	24	N	17	04	391	49	2	5
13	43	34	39	-9	26	26	0		0	0.01	0.0	29.730	09	9.5	10.5	17	NE	14	08	38	5	10	10
14	46	37	42	-6	32	23	0	1 8	0	0.05	0.0	29.550	08	10.2	10.5	22	E	16	07	310	39	10	9
15	57	37	47	-2	43	18	0	1 3 5 8	0	0.73	T	29.350	12	8.4	9.7	29	SE	17	12	247	31	10	9
16	66	39	53	4	51	12	0	1	0	0.25	0.0	29.160	35	1.1	12.7	35	NE	17	04	0	0	10	10
17	44	39	42	-8	38	23	0	1	0	0.03	0.0	29.325	03	9.1	10.0	21	N	16	02	0	0	10	10
18	62	39	51	1	51	14	0	2	0	0.07	0.0	29.155	10	7.2	8.3	16	E	12	10	5	1	10	10
19	71	61	66*	16	59	0	1	1	0	0.10	0.0	29.040	17	14.2	14.8	38	S	24	18	10	1	10	10
20	71*	55	63	12	59	2	0	1 8	0	T	0.0	28.900	17	13.5	14.4	32	S	21	19	263	32	10	10
21	55	41	48	-3	40	17	0	1	0	0.01	0.0	28.930	22	12.6	13.0	24	SW	21	22	118	14	9	9
22	49	37	43	-8	31	22	0		0	0.00	0.0	29.200	23	11.8	12.0	25	SW	20	25	150	18	9	8
23	56	41	49	-3	42	16	0	1 8	0	0.15	0.0	29.270	03	6.4	7.3	16	NE	13	34	170	21	10	10
24	48	40	44	-8	39	21	0	1	0	0.09	0.0	29.270	32	6.9	8.7	18	W	15	29	0	0	10	10
25	47	38	43	-9	34	22	0		0	0.02	0.0	29.280	34	5.4	7.7	18	NW	14	34	0	0	10	10
26	53	38	46	-7	36	19	0	4	0	0.02	T	29.380	02	10.6	11.2	23	N	17	02	0	0	10	10
27	47	31	39	-14	29	26	0		0	0.00	0.0	29.510	02	11.1	11.8	25	NE	18	05	620	75	5	5
28	59	28	44	-9	26	21	0		0	0.00	0.0	29.420	21	5.3	6.6	18	SW	14	22	701	84	6	6
29	69	48	59	5	47	6	0	8	0	0.06	0.0	29.145	21	7.0	10.3	25	S	17	21	515	62	9	8
30	61	38	50	-4	43	15	0	2 8	0	0.00	0.0	29.230	07	6.5	7.8	17	E	12	10	518	62	6	5
SUM	1650	1115				560	1			2.21	1.1	29.285	06	1.4	10.4	38	S	4	18	8795		246	235
AVG	55.0	37.2	46.1	-2.7	36.2	74	1			-1.45						DATE: 1		E: 19		POSSIBLE 24025	MONTH 37	8.2	7.8

FOR THE MONTH: TOTAL / % FOR MONTH

NUMBER OF DAYS						
MAXIMUM TEMP ≥ 90°	MAXIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 32°	MINIMUM TEMP ≤ 0°	PRECIPITATION ≥ .01 INCH	16
0	0	7	0	SNOW, ICE PELLETS ≥ 1.0 INCH	1
				THUNDERSTORMS	2
				HEAVY FOG	3
				CLEAR 2	PARTLY CLOUDY 6	CLOUDY 22

	SEASON TO DATE TOTAL	TOTAL
HEATING	5940	1
COOLING	DEP. -253	DEP. 1

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION	SNOW, ICE PELLETS	
0.78	15-16	1.1 01

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE	
1	02+

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01	88	41	65	11	52	0	0		0	0.00	0.0	29.020	21	17.6	18.3	41	SW	31	21	626	74	7	5
02	76	50	63	8	44	2	0		0	0.00	0.0	29.100	28	10.9	13.5	36	NW	18	29	546	65	5	4
03	59	38	49	-6	33	16	0		0	0.00	0.0	29.300	32	6.8	11.0	29	NW	17	32	660	78	5	4
04	54	37	46	-9	33	19	0		0	0.00	0.0	29.330	03	7.4	8.5	22	NE	17	03	621	73	9	8
05	52	32	42	-14	26	23	0		0	0.00	0.0	29.445	02	13.6	14.2	28	NE	22	03	565	66	2	2
06	59	30*	45	-11	25	20	0		0	0.00	0.0	29.640	03	5.0	6.9	17	NE	12	04	616	72	0	0
07	71	34	53	-3	26	12	0		0	0.00	0.0	29.590	16	4.5	5.5	17	SE	16	13	604	71	0	0
08	72	40	56	0	31	9	0	8	0	0.00	0.0	29.360	04	5.7	6.0	22	NE	16	03	548	64	0	0
09	72	45	59	2	40	6	0		0	0.00	0.0	29.260	04	8.8	10.6	23	NE	20	03	555	64	0	0
10	83	46	65	8	47	0	0	1 8	0	0.00	0.0	29.360	13	8.3	9.3	24	SE	15	10	562	65	1	1
11	84	61	73	16	54	0	8		0	0.00	0.0	29.250	19	13.5	13.7	33	S	21	20	596	69	5	5
12	77	62	70	12	59	0	5		0	T	0.0	29.140	23	6.5	8.5	22	SW	14	25	51	6	9	9
13	63	46	55	-3	41	10	0		0	0.00	0.0	29.340	02	11.2	13.1	33	N	21	02	636	73	1	2
14	64	44	54	-4	42	11	0		0	T	0.0	29.360	13	5.4	8.1	17	SE	12	17	32	4	8	6
15	77	42	60	1	47	5	0	1 8	0	0.00	0.0	29.370	15	4.4	5.5	28	SE	12	18	205	23	0	0
16	88*	58	73	14	56	0	8		0	0.00	0.0	29.350	18	12.3	13.1	35	S	23	17	517	59	4	4
17	82	52	67	8	56	0	2		0	T	0.0	29.370	25	7.6	14.3	32	NE	23	04	704	80	9	7
18	59	45	52	-8	44	13	0		0	0.00	0.0	29.600	03	12.5	12.9	31	NE	18	03	15	2	6	4
19	75	41	58	-2	45	7	0		0	0.00	0.0	29.560	07	5.8	6.9	16	SE	12	11	848	96	0	0
20	84	51	68	8	51	0	3	8	0	0.00	0.0	29.540	07	5.7	7.1	21	E	15	07	615	70	1	1
21	86	56	71	10	59	0	6	1 8	0	0.00	0.0	29.530	11	5.8	6.8	20	E	16	08	699	79	1	2
22	83	63	73*	12	64	0	8	1 3 8	0	0.02	0.0	29.440	21	8.7	9.1	20	S	14	22	68	8	7	8
23	69	40	55	-6	47	10	0	1	0	0.28	0.0	29.425	02	11.3	16.1	35	NE	24	05	0	0	10	7
24	46	34	40*	-22	31	25	0		0	0.00	0.0	29.500	03	15.2	15.3	35	NE	23	03	255	29	9	7
25	51	32	42	-20	33	23	0		0	0.00	0.0	29.360	03	9.0	9.3	21	NE	15	02	54	6	10	9
26	53	35	44	-18	34	21	0		0	T	0.0	29.350	03	8.0	9.0	20	NE	14	01	295	33	8	7
27	63	33	48	-15	28	17	0		0	0.00	0.0	29.400	04	4.7	7.0	21	NE	13	06	761	85	1	0
28	69	33	51	-12	32	14	0		0	0.00	0.0	29.440	10	3.4	4.8	18	E	13	08	787	88	0	0
29	72	39	56	-8	36	9	0		0	T	0.0	29.390	05	8.6	9.9	24	E	17	04	619	69	5	5
30	67	46	57	-7	47	8	0	1	0	T	0.0	29.320	03	11.0	11.6	28	N	20	01	251	28	9	7
31	77	44	61	-3	42	4	0		0	0.00	0.0	29.430	07	3.7	5.0	17	NE	12	08	890	99	1	2
	SUM 2175	SUM 1350				TOTAL 284	TOTAL 40	NUMBER OF DAYS		TOTAL 0.30	TOTAL 0.0	FOR THE MONTH: 29.380	05	2.6	10.0	41	SW	31	21	TOTAL 14801	% POSS 55	SUM 133	SUM 116
	AVG. 70.2	AVG. 43.5	AVG. 56.9	DEP. -2.2	AVG. 42.1	DEP. 60	DEP. -1	PRECIPITATION ≥ .01 INCH 2		DEP. -2.85						DATE: 1		DATE: 1		POSSIBLE 27050	MONTH	AVG. 4.3	AVG. 3.7

NUMBER OF DAYS				SEASON TO DATE	
MAXIMUM TEMP		MINIMUM TEMP		TOTAL	TOTAL
≥ 90°	≤ 32°	≤ 32°	≤ 0°	6224	41
0	0	3	0	DEP. -193	DEP. 0

SNOW, ICE PELLETS	
≥ 1.0 INCH	0
THUNDERSTORMS	1
HEAVY FOG	0
CLEAR 14	PARTLY CLOUDY 8

GREATEST IN 24 HOURS AND DATES			
PRECIPITATION		SNOW, ICE PELLETS	
0.28	23	0.0	

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
0

CLOUDY 9

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MAY 1992
CHICAGO,IL

B

Analytical Results

Appendix B
Analytical Results

Compound Groupings

Alkanes	Chloroethane
	1,2-Dichloroethane
	1,1-Dichloroethane
	1,2-Dichloropropane
	1,1,1-Trichloroethane
Alkenes	Tetrachloroethene
	trans-1,2-Dichloroethene
	1,2-Dichloroethene (total)
	1,1-Dichloroethene
	Trichloroethene
	Vinyl chloride
	cis-1,2-Dichloroethene
Chlorofluorocarbons	Trichlorotrifluoroethane
	Dichlorodifluoromethane
	Dichlorotetrafluoromethane
	Trichlorofluoromethane
Ketones	2-Butanone
	2-Hexanone
	4-Methyl-2-pentanone
	Acetone
Aromatics	Benzene
	Toluene
	Ethylbenzene
	Xylenes (total)
	Chlorobenzene
	Styrene
	4-Ethyltoluene
	1,2,4-Trimethylbenzene
	1,3,5-Trimethylbenzene
Phenols	2-Methylphenol
	2,4-Dimethylphenol
	Pentachlorophenol
	4-Chloro-3-methylphenol
	4-Methylphenol
	Phenol
PNAs (PAHs)	Naphthalene
	2-Methylnaphthalene
	Fluoranthene
	Benzo(k)fluoranthene
	Benzo(a)anthracene
	Acenaphthene
	Benzo(g,h,i)perylene
	Benzo(b)fluoranthene
	Fluorene
	Indeno(1,2,3-cd)pyrene
	Benzo(a)pyrene
	Dibenz(a,h)anthracene
	Isophorone
	Anthracene
	Pyrene
	Phenanthrene
	Chrysene
	Carbazole
Phthalates	Di-n-octyl Phthalate
	Diethylphthalate
	Butylbenzylphthalate
	Di-n-butylphthalate
	bis(2-ethylhexyl)phthalate
Amines	N-nitrosodiphenylamine

Compound Groupings, Continued

Chlorinated Benzenes	1,2-Dichlorobenzene
	1,4-Dichlorobenzene
Other VOC's	Carbon disulfide
Ethers	bis(2-Chloroethyl) ether
Chlorinated Methanes	Methylene chloride
	Chloroform
	Chloromethane
Organochlorine Pesticides	gamma-BHC (Lindane)
	Endrin Aldehyde
	Methoxychlor
	4,4'-DDD
	4,4'-DDE
	Endosulfan sulfate
	Endosulfan II
	Endrin
	Dieldrin
	Endrin
PCB's	Arochlor-1254

Furans	Dibenzofuran
Metals and Cyanide	Aluminum
	Antimony
	Arsenic
	Barium
	Cadmium
	Calcium
	Chromium
	Cobalt
	Copper
	Iron
	Lead
	Magnesium
	Manganese
	Mercury
	Nickel
	Potassium
	Selenium
	Silver
	Sodium
	Thallium
	Vanadium
	Zinc
	Cyanide

Definitions

Conc	Concentration of parameter detected in sample
LQ/DQ	Laboratory Qualifier/Data Validation Qualifier
RDL	Reported Detection Limit (Equivalent to Sample Quantitation Limit)

B

SUMMARY OF DATA QUALIFIER DEFINITIONS

The assessment of data quality is based on laboratory and field quality control (QC) criteria as described in the Quality Assurance Project Plan (QAPP). Data validation was performed on all laboratory analyses according to U.S. EPA guidelines.

Laboratory qualified data are flagged by the performing laboratory. Data may be further qualified by Warzyn personnel during the data validation process. Data qualifiers are letter or symbol codes as outlined below. If data are qualified, the qualifiers are presented with results. The data validation qualifiers (DVQ) and laboratory qualifiers (LQ) are presented with the data as separate columns.

LABORATORY QUALIFIER DEFINITIONS

The following qualifiers were used by laboratories performing the various analyses. The qualifiers defined below are presented in the "LQ" column adjacent to the result.

Laboratory Qualifiers for Organic Analysis

U - Indicates the compound was analyzed for, but was not detected. The sample quantification limit is corrected for dilution and for percent moisture.

J - Indicates an estimated value. This flag is used either when estimating a concentration for Tentatively Identified Compounds (TICs) where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria, yet the result is less than the Contract Required Quantitation Limit (CRQL), but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is used only for TICs where the identification is based on a mass spectral library search. It is

applied to all TIC results.

B - This flag is used when the compound is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified compound.

E - This flag identifies a compound where the concentration exceeded the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than full scale, the sample or extract must be diluted and re-analyzed. If the dilution of the extract cause any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported.

D - This flag identifies a compound that was identified in an analysis at a secondary dilution factor.

P - This flag is used for a pesticide/PCB target compound when there is a greater than 25% difference for the detected concentrations between the two GC columns. The lower of the two values is reported.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

A - This flag indicates that a TIC is a suspected aldol condensation product.

X - X,Y, and Z flags may be designated by the laboratory to properly define the results. For example, X is often applied to semi-volatile data which were calculated manually (as opposed to computer generated) by the laboratory.

Laboratory Qualifiers for Inorganic Analyses

K - This flag is applied to a value greater than or equal to the instrument detection limit (IDL), but less than the Contract Required Detection Limit (CRDL). (Note: the EPA uses "B" for this qualifier. In order to prevent confusion with the qualifier for blank contamination, Warzyn has substituted the inorganic lab qualifier B with the flag K in all data tables.)

U - Indicates analyte was analyzed for, but was not detected. The value reported is the instrument detection limit value (e.g., 10U).

E - Indicates the value is estimated due to the presence of interference.

S - Indicates the value was determined by the method of standard addition.

M - Indicates duplicate injection precision for furnace analysis was not met.

N - Indicates spike sample recovery was not within control limits.

* - Indicates duplicate analysis was not within control limits.

+ - Indicates the correlation coefficient for method of standard addition was less than 0.995.

W - Post-digestion spike for Furnace AA analysis was out of control limits (85-115%), while sample absorbance was less than 50% of spike absorbance.

DATA VALIDATION QUALIFIER DEFINITIONS

The following qualifiers were used by Warzyn personnel in the validation of laboratory results. Field QC samples (trip blanks, field blanks, field duplicates) were also evaluated during the data validation process. Validation of organics data was performed using Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses, U.S. EPA, February 1988. Inorganics data validation was performed using Laboratory Data Validation, Functional Guideline for Evaluating Inorganic Analyses, U.S. EPA, July 1988.

The data validation process was performed with specific project needs in mind. Data quality objectives and intended data usage, as outlined in the QAPP, were referenced. The data validation qualifiers defined below are presented with the data under the "DVQ" column.

Data Validation Qualifiers for Organic Analyses

J - The associated numerical value is an estimated quantity, because quality control criteria were not met and/or because the value was less than the CRQL. TICs are flagged as estimated (J).

U - Indicates compound was analyzed for, but was not detected. The associated value is the sample quantitation limit. The sample quantitation limit may be elevated due to contamination detected in laboratory blanks, field blanks, or trip blanks (for VOCs).

UJ - Indicates the compound was analyzed for, but was not detected. The associated numerical value is an estimated quantitation limit.

R - Quality control indicates the result is not usable (compound may or may not be present).

Data Qualifiers for Inorganic Analyses

J - The associated numerical value is an estimated quantity because quality control criteria were not met (i.e., out of control (low or high) spike recoveries, interferences in serial dilution,or poor correlation coefficients).

R - Quality control data indicates that the value is not usable (analyte may or may not be present).

U - Indicates analyte was analyzed for, but was not detected. The associated value is the sample quantitation limit. The sample quantitation limit may be elevated due to contamination detected in laboratory blanks or field blanks.

UJ - The analyte was analyzed for, but was not detected. The associated numerical value is an estimated quantitation limit.

DATA SUMMARY BY MEDIUM

The following is a summary of the analytical data by medium. Data for many different analyses may be presented for a particular medium. When this occurs the data are ordered as follows:

- Volatiles (TCL volatiles followed by TICs)
- Semivolatiles (TCL semivolatiles followed by TICs)
- PCB/pesticides
- Metals and indicators

For each parameter analyzed, the concentration, associated validation qualifiers, and reported detection limit (RDL) is provided. The RDL, as defined within these data sets, is equivalent to the sample quantitation limit (SQL).

U.S. EPA
1/5/94
#15
Appendix
B

JAH/vlr/CAW/MWK
J:\6072100\WP\RPT\RI_B.WPD
6072100/230

SUMMARY OF DATA QUALIFIER DEFINITIONS

The assessment of data quality is based on laboratory and field quality control (QC) criteria as described in the Quality Assurance Project Plan (QAPP). Data validation was performed on all laboratory analyses according to U.S. EPA guidelines.

Laboratory qualified data are flagged by the performing laboratory. Data may be further qualified by Warzyn personnel during the data validation process. Data qualifiers are letter or symbol codes as outlined below. If data are qualified, the qualifiers are presented with results. The data validation qualifiers (DVQ) and laboratory qualifiers (LQ) are presented with the data as separate columns.

Laboratory Qualifier Definitions

The following qualifiers were used by laboratories performing the various analyses. The qualifiers defined below are presented in the "LQ" column adjacent to the result.

Laboratory Qualifiers for Organic Analysis

U - Indicates the compound was analyzed for, but was not detected. The sample quantification limit is corrected for dilution and for percent moisture.

J - Indicates an estimated value. This flag is used either when estimating a concentration for Tentatively Identified Compounds (TICs) where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria, yet the result is less than the Contract Required Quantitation Limit (CRQL), but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is used only for TICs where the identification is based on a mass spectral library search. It is applied to all TIC results.

B - This flag is used when the compound is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified compound.

E - This flag identifies a compound where the concentration exceeded the calibration range of the instrument for that specific analysis. If one or more

compounds have a response greater than full scale, the sample or extract must be diluted and re-analyzed. If the dilution of the extract cause any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported.

D - This flag identifies a compound that was identified in an analysis at a secondary dilution factor.

P - This flag is used for a pesticide/PCB target compound when there is a greater than 25% difference for the detected concentrations between the two GC columns. The lower of the two values is reported.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

A - This flag indicates that a TIC is a suspected aldol condensation product.

X - X,Y, and Z flags may be designated by the laboratory to properly define the results. For example, X is often applied to semi-volatile data which were calculated manually (as opposed to computer generated) by the laboratory.

Laboratory Qualifiers for Inorganic Analyses

K - This flag is applied to a value greater than or equal to the instrument detection limit (IDL), but less than the Contract Required Detection Limit (CRDL). (Note: the EPA uses "B" for this qualifier. In order to prevent confusion with the qualifier for blank contamination, Warzyn has substituted the inorganic lab qualifier B with the flag K in all data tables.)

U - Indicates analyte was analyzed for, but was not detected. The value reported is the instrument detection limit value (e.g., 10U).

E - Indicates the value is estimated due to the presence of interference.

S - Indicates the value was determined by the method of standard addition.

M - Indicates duplicate injection precision for furnace analysis was not met.

N - Indicates spike sample recovery was not within control limits.

* - Indicates duplicate analysis was not within control limits.

+ - Indicates the correlation coefficient for method of standard addition was less than 0.995.

W - Post-digestion spike for Furnace AA analysis was out of control limits (85-115%), while sample absorbance was less than 50% of spike absorbance.

Data Validation Qualifier Definitions

The following qualifiers were used by Warzyn personnel in the validation of laboratory results. Field QC samples (trip blanks, field blanks, field duplicates) were also evaluated during the data validation process. Validation of organics data was performed using Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses, U.S. EPA, February 1988. Inorganics data validation was performed using Laboratory Data Validation, Functional Guideline for Evaluating Inorganic Analyses, U.S. EPA, July 1988.

The data validation process was performed with specific project needs in mind. Data quality objectives and intended data usage, as outlined in the QAPP, were referenced. The data validation qualifiers defined below are presented with the data under the "DVQ" column.

Data Validation Qualifiers for Organic Analyses

J - The associated numerical value is an estimated quantity, because quality control criteria were not met and/or because the value was less than the CRQL. TICs are flagged as estimated (J).

U - Indicates compound was analyzed for, but was not detected. The associated value is the sample quantitation limit. The sample quantitation limit may be elevated due to contamination detected in laboratory blanks, field blanks, or trip blanks (for VOCs).

UJ - Indicates the compound was analyzed for, but was not detected. The associated numerical value is an estimated quantitation limit.

R - Quality control indicates the result is not usable (compound may or may not be present).

Data Qualifiers for Inorganic Analyses

J - The associated numerical value is an estimated quantity because quality control criteria were not met (i.e., out of control (low or high) spike recoveries, interferences in serial dilution,or poor correlation coefficients).

R - Quality control data indicates that the value is not usable (analyte may or may not be present).

U - Indicates analyte was analyzed for, but was not detected. The associated value is the sample quantitation limit. The sample quantitation limit may be elevated due to contamination detected in laboratory blanks or field blanks.

UJ - The analyte was analyzed for, but was not detected. The associated numerical value is an estimated quantitation limit.

JAH/jah/CAW/KEB
[wauliet.mass11 Data Qualifiers]

B-1

LANDFILL GAS RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC
Generated by: CAW
Date Issued: 06-AUG-92

	BW-LGAA-1-02 06/30/92			BW-LGDV-10-02 06/30/92			BW-LGDV-13-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))		U/	2.	8100.	/	200.	11000.	/	200.
Chloromethane (PPB(V/V))		U/	2.5		U/	250.	930.	/	250.
Freon 114 (PPB(V/V))		U/	2.	600.	/	200.	1200.	/	200.
Vinyl chloride (PPB(V/V))		U/	2.5	4300.	/	250.	5800.	/	250.
Bromomethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
Chloroethane (PPB(V/V))		U/	5.		U/	500.	630.	/	500.
Freon 11 (PPB(V/V))		U/	1.		U/	100.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))		U/	2.	15000.	/	200.	13000.	/	200.
Carbon disulfide (PPB(V/V))		U/	10.		U/	1000.		U/	1000.
Freon 113 (PPB(V/V))		U/	2.		U/	200.		U/	200.
Acetone (PPB(V/V))		U/	10.		U/	1000.	1600.	/	1000.
Methylene chloride (PPB(V/V))		U/	4.	2600.	/	400.	15000.	/	400.
trans-1,2-Dichloroethene (PPB(V/V))		U/	4.	780.	/	400.	1600.	/	400.
1,1-Dichloroethane (PPB(V/V))		U/	2.5	490.	/	250.	790.	/	250.
Vinyl acetate (PPB(V/V))		U/	2.5		U/	250.		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	2.		U/	200.		U/	200.
2-Butanone (PPB(V/V))		U/	3.		/U	900.	9200.	/	300.
Chloroform (PPB(V/V))		U/	2.		U/	200.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	2.		U/	200.		U/	200.
Benzene (PPB(V/V))		U/	3.		/U	2400.		/U	4500.
1,2-Dichloroethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
Trichloroethene (PPB(V/V))		U/	2.5	18000.	/	250.	15000.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	8.	590.	/	800.	1400.	/	800.
Bromodichloromethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	300.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))		U/	3.		U/	300.		U/	300.
Toluene (PPB(V/V))		U/	3.	31000.	/	300.	28000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
Tetrachloroethene (PPB(V/V))		U/	3.	17000.	/	300.	11000.	/	300.
2-Hexanone (PPB(V/V))		U/	5.		U/	500.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	2.		U/	200.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGDV-5-02 06/30/92			BW-LGDV-6-02 06/30/92			BW-LGDV-7-01 12/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))	6200.	/	200.	3800.	/	200.	1700.	/	200.
Chloromethane (PPB(V/V))		U/	250.	300.	/	250.		U/	250.
Freon 114 (PPB(V/V))	420.	/	200.	450.	/	200.	390.	/	200.
Vinyl chloride (PPB(V/V))	2600.	/	250.	4900.	/	250.	9100.	/J	250.
Bromomethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
Chloroethane (PPB(V/V))		U/	500.	600.	/	500.		U/	500.
Freon 11 (PPB(V/V))		U/	100.		U/	100.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))	760.	/	200.	8100.	/	200.	16000.	/	200.
Carbon disulfide (PPB(V/V))		U/	1000.		U/	1000.		U/	1000.
Freon 113 (PPB(V/V))		U/	200.		U/	200.		U/	200.
Acetone (PPB(V/V))		U/	1000.		U/	1000.	2700.	/	1000.
Methylene chloride (PPB(V/V))		U/	400.	400.	/	400.		U/	400.
trans-1,2-Dichloroethene (PPB(V/V))		U/	400.	430.	/	400.	470.	/	400.
1,1-Dichloroethane (PPB(V/V))		U/	250.	1400.	/	250.		U/	250.
Vinyl acetate (PPB(V/V))		U/	250.		U/	250.		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	200.		U/	200.		U/	200.
2-Butanone (PPB(V/V))		U/	300.		U/	300.	6600.	/	300.
Chloroform (PPB(V/V))		U/	200.		U/	200.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	200.		U/	200.		U/	200.
Benzene (PPB(V/V))		/U	1100.		/U	1600.	700.	/	300.
1,2-Dichloroethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
Trichloroethene (PPB(V/V))		U/	250.	1400.	/	250.	1900.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	800.		U/	800.		U/	800.
Bromodichloromethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	300.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))		U/	300.	6000.	/	300.	850.	/	300.
Toluene (PPB(V/V))	6900.	/	300.	32000.	/	300.	22000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
Tetrachloroethene (PPB(V/V))		U/	300.	1200.	/	300.	2200.	/	300.
2-Hexanone (PPB(V/V))		U/	500.		U/	500.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	200.		U/	200.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGDV-7-02 06/30/92			BW-LGDV-7-91 12/19/91			BW-LGDV-7-92 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))	1800.	/	200.	1700.	/	200.	1400.	/	200.
Chloromethane (PPB(V/V))		U/	250.	300.	/	250.		U/	250.
Freon 114 (PPB(V/V))	280.	/	200.	400.	/	200.	250.	/	200.
Vinyl chloride (PPB(V/V))	8500.	/	250.	9000.	/J	250.	9900.	/	250.
Bromomethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
Chloroethane (PPB(V/V))		U/	500.		U/	500.		U/	500.
Freon 11 (PPB(V/V))		U/	100.		U/	100.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))	16000.	/	200.	16000.	/	200.	15000.	/	200.
Carbon disulfide (PPB(V/V))		U/	1000.		U/	1000.		U/	1000.
Freon 113 (PPB(V/V))		U/	200.		U/	200.		U/	200.
Acetone (PPB(V/V))	2400.	/	1000.	2300.	/	1000.	2400.	/	1000.
Methylene chloride (PPB(V/V))		U/	400.		U/	400.		U/	400.
trans-1,2-Dichloroethene (PPB(V/V))	370.	/	400.	460.	/	400.		U/	400.
1,1-Dichloroethane (PPB(V/V))		U/	250.		U/	250.		U/	250.
Vinyl acetate (PPB(V/V))		U/	250.		U/	250.		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	200.		U/	200.		U/	200.
2-Butanone (PPB(V/V))	5900.	/	300.	6600.	/	300.	6900.	/	300.
Chloroform (PPB(V/V))		U/	200.		U/	200.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	200.		U/	200.		U/	200.
Benzene (PPB(V/V))		/U	620.	780.	/	300.		/U	710.
1,2-Dichloroethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
Trichloroethene (PPB(V/V))	1600.	/	250.	1800.	/	250.	1600.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	800.		U/	800.		U/	800.
Bromodichloromethane (PPB(V/V))		U/	200.		U/	200.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	300.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))	1200.	/	300.	890.	/	300.	870.	/	300.
Toluene (PPB(V/V))	20000.	/	300.	22000.	/	300.	19000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
Tetrachloroethene (PPB(V/V))	1900.	/	300.	2100.	/	300.	1800.	/	300.
2-Hexanone (PPB(V/V))		U/	500.		U/	500.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	200.		U/	200.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGFB 12/19/91			BW-LGFB-1-02 06/30/92			BW-LGFB-2-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))		U/	2.		U/	16.		U/	2.
Chloromethane (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
Freon 114 (PPB(V/V))		U/	2.		U/	16.		U/	2.
Vinyl chloride (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
Bromomethane (PPB(V/V))		U/	3.		U/	24.		U/	3.
Chloroethane (PPB(V/V))		U/	5.		U/	40.		U/	5.
Freon 11 (PPB(V/V))		U/	1.		U/	8.		U/	1.
cis-1,2-Dichloroethene (PPB(V/V))		U/	2.		U/	16.		U/	2.
Carbon disulfide (PPB(V/V))		U/	10.		U/	80.		U/	10.
Freon 113 (PPB(V/V))		U/	2.		U/	16.		U/	2.
Acetone (PPB(V/V))		U/	10.		U/	80.	19.	/	10.
Methylene chloride (PPB(V/V))		U/	4.		U/	32.		U/	4.
trans-1,2-Dichloroethene (PPB(V/V))		U/	4.		U/	32.		U/	4.
1,1-Dichloroethane (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
Vinyl acetate (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
1,1-Dichloroethene (PPB(V/V))		U/	2.		U/	16.		U/	2.
2-Butanone (PPB(V/V))		U/	3.		U/	24.	140.	/	3.
Chloroform (PPB(V/V))		U/	2.		U/	16.		U/	2.
1,1,1-Trichloroethane (PPB(V/V))		U/	2.		U/	16.		U/	2.
Carbon tetrachloride (PPB(V/V))		U/	2.		U/	16.		U/	2.
Benzene (PPB(V/V))		U/	3.	1900.	/	24.	37.	/	3.
1,2-Dichloroethane (PPB(V/V))		U/	2.	18.	/	16.		U/	2.
Trichloroethene (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
1,2-Dichloropropane (PPB(V/V))		U/	8.		U/	64.		U/	8.
Bromodichloromethane (PPB(V/V))		U/	2.		U/	16.		U/	2.
cis-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	24.		U/	3.
4-Methyl-2-pentanone (PPB(V/V))		U/	3.		U/	24.		U/	3.
Toluene (PPB(V/V))		U/	3.	680.	/	24.	24.	/	3.
trans-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	24.		U/	3.
1,1,2-Trichloroethane (PPB(V/V))		U/	3.		U/	24.		U/	3.
Tetrachloroethene (PPB(V/V))		U/	3.		U/	24.		U/	3.
2-Hexanone (PPB(V/V))		U/	5.		U/	40.		U/	5.
Dibromochloromethane (PPB(V/V))		U/	3.		U/	24.		U/	3.
1,2-Dibromoethane (PPB(V/V))		U/	2.		U/	16.		U/	2.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-1-02 06/30/92			BW-LGSV-10-02 06/30/92			BW-LGSV-11-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))		U/	2.	2900.	/	200.	5500.	/	200.
Chloromethane (PPB(V/V))		U/	2.5		U/	250.		U/	250.
Freon 114 (PPB(V/V))		U/	2.	310.	/	200.	630.	/	200.
Vinyl chloride (PPB(V/V))		U/	2.5	5900.	/	250.	11000.	/	250.
Bromomethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
Chloroethane (PPB(V/V))		U/	5.		U/	500.		U/	500.
Freon 11 (PPB(V/V))		U/	1.		U/	100.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))		U/	2.	5300.	/	200.	24000.	/	200.
Carbon disulfide (PPB(V/V))		U/	10.		U/	1000.		U/	1000.
Freon 113 (PPB(V/V))		U/	2.		U/	200.		U/	200.
Acetone (PPB(V/V))		/U	13.		U/	1000.	2600.	/	1000.
Methylene chloride (PPB(V/V))		U/	4.	640.	/	400.	13000.	/	400.
trans-1,2-Dichloroethene (PPB(V/V))		U/	4.		U/	400.	1700.	/	400.
1,1-Dichloroethane (PPB(V/V))		U/	2.5		U/	250.	1500.	/	250.
Vinyl acetate (PPB(V/V))		U/	2.5		U/	250.		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	2.		U/	200.		U/	200.
2-Butanone (PPB(V/V))		/U	54.		/U	1200.	4800.	/	300.
Chloroform (PPB(V/V))		U/	2.		U/	200.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	2.		U/	200.		U/	200.
Benzene (PPB(V/V))		U/	3.		/U	820.		/U	3000.
1,2-Dichloroethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
Trichloroethene (PPB(V/V))		U/	2.5	3300.	/	250.	14000.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	8.		U/	800.		U/	800.
Bromodichloromethane (PPB(V/V))		U/	2.		U/	200.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	300.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))		U/	3.		U/	300.		U/	300.
Toluene (PPB(V/V))		/U	13.	21000.	/	300.	23000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
Tetrachloroethene (PPB(V/V))		U/	3.	2600.	/	300.	7300.	/	300.
2-Hexanone (PPB(V/V))	11.	/	5.		U/	500.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	2.		U/	200.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-12-02 06/30/92			BW-LGSV-12-92 06/30/92			BW-LGSV-2-01 12/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))	200.	/	40.		U/	40.	7100.	/	200.
Chloromethane (PPB(V/V))	180.	/	50.	280.	/	50.	260.	/	250.
Freon 114 (PPB(V/V))	330.	/	40.	410.	/	40.	670.	/	200.
Vinyl chloride (PPB(V/V))	3900.	/	50.	5000.	/	50.	3800.	/J	250.
Bromomethane (PPB(V/V))		U/	60.		U/	60.		U/	300.
Chloroethane (PPB(V/V))		U/	100.		U/	100.		U/	500.
Freon 11 (PPB(V/V))		U/	20.		U/	20.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))	1800.	/	40.	2200.	/	40.	9500.	/	200.
Carbon disulfide (PPB(V/V))		U/	200.		U/	200.		U/	1000.
Freon 113 (PPB(V/V))		U/	40.		U/	40.		U/	200.
Acetone (PPB(V/V))		/U	330.		/U	460.	2500.	/	1000.
Methylene chloride (PPB(V/V))		U/	80.		U/	80.	3300.	/	400.
trans-1,2-Dichloroethene (PPB(V/V))	130.	/	80.	160.	/	80.	710.	/	400.
1,1-Dichloroethane (PPB(V/V))		U/	50.		U/	50.		U/	250.
Vinyl acetate (PPB(V/V))		U/	50.		U/	50.		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	40.		U/	40.		U/	200.
2-Butanone (PPB(V/V))		/U	83.		/U	110.	5100.	/	300.
Chloroform (PPB(V/V))		U/	40.		U/	40.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	40.		U/	40.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	40.		U/	40.		U/	200.
Benzene (PPB(V/V))		/U	710.		/U	850.	2700.	/	300.
1,2-Dichloroethane (PPB(V/V))		U/	40.		U/	40.		U/	200.
Trichloroethene (PPB(V/V))	97.	/	50.	130.	/	50.	6100.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	160.		U/	160.		U/	800.
Bromodichloromethane (PPB(V/V))		U/	40.		U/	40.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	60.		U/	60.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))		U/	60.		U/	60.	1000.	/	300.
Toluene (PPB(V/V))		/U	4300.		/U	5100.	40000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	60.		U/	60.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	60.		U/	60.		U/	300.
Tetrachloroethene (PPB(V/V))	190.	/	60.	240.	/	60.	3800.	/	300.
2-Hexanone (PPB(V/V))		U/	100.		U/	100.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	60.		U/	60.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	40.		U/	40.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-2-02 06/30/92			BW-LGSV-3-02 06/30/92			BW-LGSV-4-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))	6000.	/	200.		U/	2.	12000.	/	200.
Chloromethane (PPB(V/V))	340.	/	250.		U/	2.5		U/	250.
Freon 114 (PPB(V/V))	560.	/	200.		U/	2.	1100.	/	200.
Vinyl chloride (PPB(V/V))	3600.	/	250.		U/	2.5	21000.	/	250.
Bromomethane (PPB(V/V))		U/	300.		U/	3.		U/	300.
Chloroethane (PPB(V/V))		U/	500.	47.	/	5.		U/	500.
Freon 11 (PPB(V/V))		U/	100.		U/	1.		U/	100.
cis-1,2-Dichloroethene (PPB(V/V))	9500.	/	200.		U/	2.	44000.	/	200.
Carbon disulfide (PPB(V/V))		U/	1000.		U/	10.		U/	1000.
Freon 113 (PPB(V/V))		U/	200.		U/	2.		U/	200.
Acetone (PPB(V/V))	2800.	/	1000.		/U	19.	1500.	/	1000.
Methylene chloride (PPB(V/V))	2600.	/	400.		U/	4.	6700.	/	400.
trans-1,2-Dichloroethene (PPB(V/V))	540.	/	400.		U/	4.	1300.	/	400.
1,1-Dichloroethane (PPB(V/V))		U/	250.		U/	2.5	800.	/	250.
Vinyl acetate (PPB(V/V))		U/	250.		U/	2.5		U/	250.
1,1-Dichloroethene (PPB(V/V))		U/	200.		U/	2.	300.	/	200.
2-Butanone (PPB(V/V))	4500.	/	300.		U/	3.	3100.	/	300.
Chloroform (PPB(V/V))		U/	200.		U/	2.		U/	200.
1,1,1-Trichloroethane (PPB(V/V))		U/	200.		U/	2.		U/	200.
Carbon tetrachloride (PPB(V/V))		U/	200.		U/	2.		U/	200.
Benzene (PPB(V/V))	2200.	/	300.		U/	3.		/U	2900.
1,2-Dichloroethane (PPB(V/V))		U/	200.		U/	2.		U/	200.
Trichloroethene (PPB(V/V))	5200.	/	250.		U/	2.5	14000.	/	250.
1,2-Dichloropropane (PPB(V/V))		U/	800.		U/	8.		U/	800.
Bromodichloromethane (PPB(V/V))		U/	200.		U/	2.		U/	200.
cis-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	3.		U/	300.
4-Methyl-2-pentanone (PPB(V/V))	1300.	/	300.		U/	3.		U/	300.
Toluene (PPB(V/V))	37000.	/	300.		/U	7.9	35000.	/	300.
trans-1,3-Dichloropropene (PPB(V/V))		U/	300.		U/	3.		U/	300.
1,1,2-Trichloroethane (PPB(V/V))		U/	300.		U/	3.		U/	300.
Tetrachloroethene (PPB(V/V))	3400.	/	300.		U/	3.	13000.	/	300.
2-Hexanone (PPB(V/V))		U/	500.		U/	5.		U/	500.
Dibromochloromethane (PPB(V/V))		U/	300.		U/	3.		U/	300.
1,2-Dibromoethane (PPB(V/V))		U/	200.		U/	2.		U/	200.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-5-02 06/30/92			BW-LGSV-8-02 06/30/92			BW-LGSV-9-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))		U/	40.	9400.	/	800.	3100.	/	800.
Chloromethane (PPB(V/V))		U/	50.		U/	1000.		U/	1000.
Freon 114 (PPB(V/V))	190.	/	40.		U/	800.		U/	800.
Vinyl chloride (PPB(V/V))	2900.	/	50.	15000.	/	1000.	7800.	/	1000.
Bromomethane (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
Chloroethane (PPB(V/V))		U/	100.		U/	2000.		U/	2000.
Freon 11 (PPB(V/V))	200.	/	20.		U/	400.		U/	400.
cis-1,2-Dichloroethene (PPB(V/V))	850.	/	40.	23000.	/	800.	12000.	/	800.
Carbon disulfide (PPB(V/V))		U/	200.		U/	4000.		U/	4000.
Freon 113 (PPB(V/V))	250.	/	40.		U/	800.		U/	800.
Acetone (PPB(V/V))		U/	200.		U/	4000.		U/	4000.
Methylene chloride (PPB(V/V))		U/	80.	17000.	/	1600.	13000.	/	1600.
trans-1,2-Dichloroethene (PPB(V/V))	130.	/	80.	2300.	/	1600.	2200.	/	1600.
1,1-Dichloroethane (PPB(V/V))		U/	50.		U/	1000.	2600.	/	1000.
Vinyl acetate (PPB(V/V))		U/	50.		U/	1000.		U/	1000.
1,1-Dichloroethene (PPB(V/V))		U/	40.		U/	800.		U/	800.
2-Butanone (PPB(V/V))		U/	60.	1600.	/	1200.		U/	1200.
Chloroform (PPB(V/V))		U/	40.		U/	800.		U/	800.
1,1,1-Trichloroethane (PPB(V/V))		U/	40.		U/	800.		U/	800.
Carbon tetrachloride (PPB(V/V))		U/	40.		U/	800.		U/	800.
Benzene (PPB(V/V))		/U	890.		/U	7040.		/U	4800.
1,2-Dichloroethane (PPB(V/V))		U/	40.		U/	800.		U/	800.
Trichloroethene (PPB(V/V))	140.	/	50.	24000.	/	1000.	28000.	/	1000.
1,2-Dichloropropane (PPB(V/V))		U/	160.		U/	3200.		U/	3200.
Bromodichloromethane (PPB(V/V))		U/	40.		U/	800.		U/	800.
cis-1,3-Dichloropropene (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
4-Methyl-2-pentanone (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
Toluene (PPB(V/V))	9000.	/	60.	92000.	/	1200.	88000.	/	1200.
trans-1,3-Dichloropropene (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
1,1,2-Trichloroethane (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
Tetrachloroethene (PPB(V/V))	120.	/	60.	10000.	/	1200.	11000.	/	1200.
2-Hexanone (PPB(V/V))		U/	100.		U/	2000.		U/	2000.
Dibromochloromethane (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
1,2-Dibromoethane (PPB(V/V))		U/	40.		U/	800.		U/	800.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGTB 12/19/91			BW-LGTB-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Freon 12 (PPB(V/V))		U/	2.		U/	2.
Chloromethane (PPB(V/V))		U/	2.5		U/	2.5
Freon 114 (PPB(V/V))		U/	2.		U/	2.
Vinyl chloride (PPB(V/V))		U/	2.5		U/	2.5
Bromomethane (PPB(V/V))		U/	3.		U/	3.
Chloroethane (PPB(V/V))		U/	5.		U/	5.
Freon 11 (PPB(V/V))		U/	1.		U/	1.
cis-1,2-Dichloroethene (PPB(V/V))		U/	2.		U/	2.
Carbon disulfide (PPB(V/V))		U/	10.		U/	10.
Freon 113 (PPB(V/V))		U/	2.		U/	2.
Acetone (PPB(V/V))		U/	10.		U/	10.
Methylene chloride (PPB(V/V))		U/	4.		U/	4.
trans-1,2-Dichloroethene (PPB(V/V))		U/	4.		U/	4.
1,1-Dichloroethane (PPB(V/V))		U/	2.5		U/	2.5
Vinyl acetate (PPB(V/V))		U/	2.5		U/	2.5
1,1-Dichloroethene (PPB(V/V))		U/	2.		U/	2.
2-Butanone (PPB(V/V))		U/	3.		U/	3.
Chloroform (PPB(V/V))		U/	2.		U/	2.
1,1,1-Trichloroethane (PPB(V/V))		U/	2.		U/	2.
Carbon tetrachloride (PPB(V/V))		U/	2.		U/	2.
Benzene (PPB(V/V))		U/	3.	6.4	/	3.
1,2-Dichloroethane (PPB(V/V))		U/	2.		U/	2.
Trichloroethene (PPB(V/V))		U/	2.5		U/	2.5
1,2-Dichloropropane (PPB(V/V))		U/	8.		U/	8.
Bromodichloromethane (PPB(V/V))		U/	2.		U/	2.
cis-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	3.
4-Methyl-2-pentanone (PPB(V/V))		U/	3.		U/	3.
Toluene (PPB(V/V))		U/	3.	85.	/	3.
trans-1,3-Dichloropropene (PPB(V/V))		U/	3.		U/	3.
1,1,2-Trichloroethane (PPB(V/V))		U/	3.		U/	3.
Tetrachloroethene (PPB(V/V))		U/	3.		U/	3.
2-Hexanone (PPB(V/V))		U/	5.		U/	5.
Dibromochloromethane (PPB(V/V))		U/	3.		U/	3.
1,2-Dibromoethane (PPB(V/V))		U/	2.		U/	2.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGAA-1-02 06/30/92			BW-LGDV-10-02 06/30/92			BW-LGDV-13-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	2.5		U/	250.		U/	250.
Ethylbenzene (PPB(V/V))		U/	2.5	2600.	/	250.	4800.	/	250.
Xylenes (total) (PPB(V/V))		U/	5.	7600.	/	500.	15000.	/	500.
Styrene (PPB(V/V))		U/	7.		U/	700.		U/	700.
Bromoform (PPB(V/V))		U/	2.		U/	200.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	4.		U/	400.		U/	400.
Benzyl chloride (PPB(V/V))		U/	2.		U/	200.		U/	200.
4-Ethyl toluene (PPB(V/V))		U/	4.	1000.	/	400.	1800.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))		U/	2.5	340.	/	250.	580.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))		U/	3.	950.	/	300.	1100.	/	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))		U/	4.		U/	400.		U/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	5.		U/	500.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	7.		U/	700.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	5.		U/	500.		U/	500.

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ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGDV-5-02 06/30/92			BW-LGDV-6-02 06/30/92			BW-LGDV-7-01 12/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	250.		U/	250.		U/	250.
Ethylbenzene (PPB(V/V))	5400.	/	250.	6900.	/	250.	7900.	/	250.
Xylenes (total) (PPB(V/V))	12000.	/	500.	16000.	/	500.	17000.	/	500.
Styrene (PPB(V/V))		U/	700.		U/	700.		U/	700.
Bromoform (PPB(V/V))		U/	200.		U/	200.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	400.		U/	400.		U/	400.
Benzyl chloride (PPB(V/V))		U/	200.		U/	200.		U/	200.
4-Ethyl toluene (PPB(V/V))	960.	/	400.	1900.	/	400.	3800.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))	460.	/	250.	780.	/	250.	1900.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))	1100.	/	300.	1800.	/	300.	4300.	/J	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))	7300.	/	400.	500.	/	400.	1600.	/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	500.		U/	500.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	700.		U/	700.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	500.		U/	500.		U/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGDV-7-02 06/30/92			BW-LGDV-7-91 12/19/91			BW-LGDV-7-92 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	250.		U/	250.		U/	250.
Ethylbenzene (PPB(V/V))	7100.	/	250.	7500.	/	250.	6400.	/	250.
Xylenes (total) (PPB(V/V))	16000.	/	500.	17000.	/	500.	14000.	/	500.
Styrene (PPB(V/V))		U/	700.	710.	/	700.		U/	700.
Bromoform (PPB(V/V))		U/	200.		U/	200.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	400.		U/	400.		U/	400.
Benzyl chloride (PPB(V/V))		U/	200.		U/	200.		U/	200.
4-Ethyl toluene (PPB(V/V))	3600.	/	400.	3600.	/	400.	2900.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))	1600.	/	250.	1700.	/	250.	1200.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))	4200.	/	300.	4000.	/J	300.	2800.	/	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	300.		U/	300.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))	1500.	/	400.	1500.	/	400.	900.	/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	500.		U/	500.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	700.		U/	700.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	500.		U/	500.		U/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGFB 12/19/91			BW-LGFB-1-02 06/30/92			BW-LGFB-2-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
Ethylbenzene (PPB(V/V))		U/	2.5	35.	/	20.	2.8	/	2.5
Xylenes (total) (PPB(V/V))		U/	5.	260.	/	40.	16.	/	5.
Styrene (PPB(V/V))		U/	7.		U/	56.		U/	7.
Bromoform (PPB(V/V))		U/	2.		U/	16.		U/	2.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	4.		U/	32.		U/	4.
Benzyl chloride (PPB(V/V))		U/	2.		U/	16.		U/	2.
4-Ethyl toluene (PPB(V/V))		U/	4.		U/	32.		U/	4.
1,3,5-Trimethylbenzene (PPB(V/V))		U/	2.5		U/	20.		U/	2.5
1,2,4-Trimethylbenzene (PPB(V/V))		U/	3.		U/	24.		U/	3.
1,3-Dichlorobenzene (PPB(V/V))		U/	3.		U/	24.		U/	3.
1,4-Dichlorobenzene (PPB(V/V))		U/	4.		U/	32.		U/	4.
1,2-Dichlorobenzene (PPB(V/V))		U/	5.		U/	40.		U/	5.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	7.		U/	56.		U/	7.
Hexachlorobutadiene (PPB(V/V))		U/	5.		U/	40.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-1-02 06/30/92			BW-LGSV-10-02 06/30/92			BW-LGSV-11-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	2.5		U/	250.		U/	250.
Ethylbenzene (PPB(V/V))		U/	2.5	5500.	/	250.	4500.	/	250.
Xylenes (total) (PPB(V/V))		/U	7.4	11000.	/	500.	9700.	/	500.
Styrene (PPB(V/V))		U/	7.		U/	700.		U/	700.
Bromoform (PPB(V/V))		U/	2.		U/	200.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	4.		U/	400.		U/	400.
Benzyl chloride (PPB(V/V))		U/	2.		U/	200.		U/	200.
4-Ethyl toluene (PPB(V/V))		U/	4.	14000.	/	400.	1400.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))		U/	2.5	560.	/	250.	630.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))	3.4	/	3.	1000.	/	300.	1300.	/	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	3.		U/	300.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))		U/	4.		U/	400.		U/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	5.		U/	500.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	7.		U/	700.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	5.		U/	500.		U/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-12-02 06/30/92			BW-LGSV-12-92 06/30/92			BW-LGSV-2-01 12/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))	63.	/	50.	69.	/	50.		U/	250.
Ethylbenzene (PPB(V/V))	6900.	/	50.	7700.	/	50.	6400.	/	250.
Xylenes (total) (PPB(V/V))	6500.	/	100.	7200.	/	100.	17000.	/	500.
Styrene (PPB(V/V))		U/	140.		U/	140.		U/	700.
Bromoform (PPB(V/V))		U/	40.		U/	40.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	80.		U/	80.		U/	400.
Benzyl chloride (PPB(V/V))		U/	40.		U/	40.		U/	200.
4-Ethyl toluene (PPB(V/V))	1200.	/	80.	1200.	/	80.	3000.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))	730.	/	50.	710.	/	50.	1100.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))	1700.	/	60.	1700.	/	60.	3000.	/J	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	60.		U/	60.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))	360.	/	80.	290.	/	80.		U/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	100.		U/	100.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	140.		U/	140.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	100.		U/	100.		U/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-2-02 06/30/92			BW-LGSV-3-02 06/30/92			BW-LGSV-4-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	250.		U/	2.5		U/	250.
Ethylbenzene (PPB(V/V))	5700.	/	250.		/U	2.8	2400.	/	250.
Xylenes (total) (PPB(V/V))	15000.	/	500.		/U	11.	5500.	/	500.
Styrene (PPB(V/V))		U/	700.		U/	7.		U/	700.
Bromoform (PPB(V/V))		U/	200.		U/	2.		U/	200.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	400.		U/	4.		U/	400.
Benzyl chloride (PPB(V/V))		U/	200.		U/	2.		U/	200.
4-Ethyl toluene (PPB(V/V))	2600.	/	400.	4.4	/	4.	1900.	/	400.
1,3,5-Trimethylbenzene (PPB(V/V))	970.	/	250.		U/	2.5	1100.	/	250.
1,2,4-Trimethylbenzene (PPB(V/V))	2400.	/	300.	5.3	/	3.	2200.	/	300.
1,3-Dichlorobenzene (PPB(V/V))		U/	300.		U/	3.		U/	300.
1,4-Dichlorobenzene (PPB(V/V))		U/	400.		U/	4.		U/	400.
1,2-Dichlorobenzene (PPB(V/V))		U/	500.		U/	5.		U/	500.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	700.		U/	7.		U/	700.
Hexachlorobutadiene (PPB(V/V))		U/	500.		U/	5.		U/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

	BW-LGSV-5-02 06/30/92			BW-LGSV-8-02 06/30/92			BW-LGSV-9-02 06/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))	160.	/	50.		U/	1000.		U/	1000.
Ethylbenzene (PPB(V/V))	4300.	/	50.	3700.	/	1000.	2100.	/	1000.
Xylenes (total) (PPB(V/V))	10000.	/	100.	10000.	/	2000.	6100.	/	2000.
Styrene (PPB(V/V))		U/	140.		U/	2800.		U/	2800.
Bromoform (PPB(V/V))		U/	40.		U/	800.		U/	800.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	80.		U/	1600.		U/	1600.
Benzyl chloride (PPB(V/V))		U/	40.		U/	800.		U/	800.
4-Ethyl toluene (PPB(V/V))	3100.	/	80.		U/	1600.		U/	1600.
1,3,5-Trimethylbenzene (PPB(V/V))	1200.	/	50.		U/	1000.		U/	1000.
1,2,4-Trimethylbenzene (PPB(V/V))	2500.	/	60.		U/	1200.		U/	1200.
1,3-Dichlorobenzene (PPB(V/V))		U/	60.		U/	1200.		U/	1200.
1,4-Dichlorobenzene (PPB(V/V))	210.	/	80.		U/	1600.		U/	1600.
1,2-Dichlorobenzene (PPB(V/V))		U/	100.		U/	2000.		U/	2000.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	140.		U/	2800.		U/	2800.
Hexachlorobutadiene (PPB(V/V))		U/	100.		U/	2000.		U/	2000.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GAS Type: GSVOC

Parameter	BW-LGTB 12/19/91 CONC	LQ/DVQ	RDL	BW-LGTB-02 06/30/92 CONC	LQ/DVQ	RDL
Chlorobenzene (PPB(V/V))		U/	2.5		U/	2.5
Ethylbenzene (PPB(V/V))		U/	2.5	6.5	/	2.5
Xylenes (total) (PPB(V/V))		U/	5.	63.	/	5.
Styrene (PPB(V/V))		U/	7.		U/	7.
Bromoform (PPB(V/V))		U/	2.		U/	2.
1,1,2,2-Tetrachloroethane (PPB(V/V))		U/	4.		U/	4.
Benzyl chloride (PPB(V/V))		U/	2.		U/	2.
4-Ethyl toluene (PPB(V/V))		U/	4.		U/	4.
1,3,5-Trimethylbenzene (PPB(V/V))		U/	2.5		U/	2.5
1,2,4-Trimethylbenzene (PPB(V/V))		U/	3.		U/	3.
1,3-Dichlorobenzene (PPB(V/V))		U/	3.		U/	3.
1,4-Dichlorobenzene (PPB(V/V))		U/	4.		U/	4.
1,2-Dichlorobenzene (PPB(V/V))		U/	5.		U/	5.
1,2,4-Trichlorobenzene (PPB(V/V))		U/	7.		U/	7.
Hexachlorobutadiene (PPB(V/V))		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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LEACHATE RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: VOC
Generated by: SEM
Date Issued: 21-JAN-92

	BW-LLDV5-01 09/20/91			BW-LLFB01-01 09/20/91			BW-LLSV5-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	29.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	29.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	29.		U/	10.	22.	/	10.
Chloroethane (UG/L)		U/	29.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	29.		U/	10.		U/	10.
Acetone (UG/L)	49.	/	29.	7.	J/	10.		U/	10.
Carbon disulfide (UG/L)		U/	29.		U/	10.	2.	J/	10.
1,1-Dichloroethene (UG/L)		U/	29.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)	3.	J/	29.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)	7.	J/	29.		U/	10.	3.	J/	10.
Chloroform (UG/L)		U/	29.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	29.		U/	10.		U/	10.
2-Butanone (UG/L)	55.	/	29.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	29.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	29.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	29.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	29.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	29.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	29.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	29.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	29.		U/	10.		U/	10.
Benzene (UG/L)	27.	J/	29.		U/	10.	34.	/	10.
trans-1,3-Dichloropropene (UG/L)		U/	29.		U/	10.		U/	10.
Bromoform (UG/L)		U/	29.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)	28.	J/	29.		U/	10.	6.	J/	10.
2-Hexanone (UG/L)		U/	29.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	29.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	29.		U/	10.		U/	10.
Toluene (UG/L)	49.	/	29.	1.	J/	10.	83.	/	10.
Chlorobenzene (UG/L)		U/	29.		U/	10.	28.	/	10.
Ethylbenzene (UG/L)	130.	/	29.		U/	10.	97.	/	10.
Styrene (UG/L)		U/	29.		U/	10.		U/	10.
Xylenes (total) (UG/L)	400.	/	29.		U/	10.	380.	B/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: VOC

	BW-LLSV5-91 09/19/91			BW-LLSV8-01 09/20/91			BW-LLSV9-01 09/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	500.		U/	500.
Bromomethane (UG/L)		U/	10.		U/	500.		U/	500.
Vinyl chloride (UG/L)	11.	/J	10.		U/	500.		U/	500.
Chloroethane (UG/L)		U/	10.		U/	500.		U/	500.
Methylene chloride (UG/L)		U/	10.		U/	500.		/U	2500.
Acetone (UG/L)		U/	10.	10000.	D/J	500.	4000.	/J	500.
Carbon disulfide (UG/L)	2.	J/	10.		U/	500.		U/	500.
1,1-Dichloroethene (UG/L)		U/	10.		U/	500.		U/	500.
1,1-Dichloroethane (UG/L)		U/	10.	180.	J/	500.	160.	J/	500.
1,2-Dichloroethene (total) (UG/L)	15.	/	10.	280.	J/	500.	480.	J/	500.
Chloroform (UG/L)		U/	10.		U/	500.		U/	500.
1,2-Dichloroethane (UG/L)		U/	10.		U/	500.		U/	500.
2-Butanone (UG/L)		U/	10.	17000.	D/	500.	3700.	D/	500.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	500.		U/	500.
Carbon tetrachloride (UG/L)		U/	10.		U/	500.		U/	500.
Bromodichloromethane (UG/L)		U/	10.		U/	500.		U/	500.
1,2-Dichloropropane (UG/L)		U/	10.		U/	500.	89.	J/	500.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	500.		U/	500.
Trichloroethene (UG/L)	1.	J/	10.	170.	J/	500.	720.	/	500.
Dibromochloromethane (UG/L)		U/	10.		U/	500.		U/	500.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	500.		U/	500.
Benzene (UG/L)	33.	/	10.	160.	J/	500.	160.	J/	500.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	500.		U/	500.
Bromoform (UG/L)		U/	10.		U/	500.		U/	500.
4-Methyl-2-pentanone (UG/L)	8.	J/	10.	1100.	/	500.	140.	J/	500.
2-Hexanone (UG/L)		U/	10.		U/	500.		U/	500.
Tetrachloroethene (UG/L)		U/	10.		U/	500.	220.	J/	500.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	500.		U/	500.
Toluene (UG/L)	96.	/	10.	1800.	/	500.	3200.	/	500.
Chlorobenzene (UG/L)	26.	/	10.		U/	500.		U/	500.
Ethylbenzene (UG/L)	92.	/	10.	84.	J/	500.	100.	J/	500.
Styrene (UG/L)		U/	10.		U/	500.		U/	500.
Xylenes (total) (UG/L)	360.	/	10.	260.	J/	500.	470.	J/	500.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: VOC

Parameter	BW-LLTB05-01 09/20/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.
Bromomethane (UG/L)		U/	10.
Vinyl chloride (UG/L)		U/	10.
Chloroethane (UG/L)		U/	10.
Methylene chloride (UG/L)	1.	BJ/	10.
Acetone (UG/L)		U/	10.
Carbon disulfide (UG/L)		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.
Chloroform (UG/L)		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.
2-Butanone (UG/L)		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.
Carbon tetrachloride (UG/L)		U/	10.
Bromodichloromethane (UG/L)		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.
Trichloroethene (UG/L)	2.	J/	10.
Dibromochloromethane (UG/L)		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.
Benzene (UG/L)		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.
Bromoform (UG/L)		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.
2-Hexanone (UG/L)		U/	10.
Tetrachloroethene (UG/L)	1.	J/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.
Toluene (UG/L)		U/	10.
Chlorobenzene (UG/L)		U/	10.
Ethylbenzene (UG/L)		U/	10.
Styrene (UG/L)		U/	10.
Xylenes (total) (UG/L)		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: SVOC
Generated by: SEM
Date Issued: 21-JAN-92

	BW-LLDV5-01 09/23/91			BW-LLFB01-01 09/20/91			BW-LLSV5-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.	4.	J/	10.	26.	/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)	940.	D/	10.		U/	10.	33.	/	10.
1,2-Dichlorobenzene (UG/L)	4.	J/	10.		U/	10.	3.	J/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.	6.	J/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)	5.	J/	10.		U/	10.	250.	D/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.	12.	/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)	10.	/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)	960.	D/	10.		U/	10.	45.	/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)	34.	/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.	7.	J/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the s[illegible]e, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: SVOC

	BW-LLSV5-91 09/19/91			BW-LLSV8-01 09/20/91			BW-LLSV9-01 09/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)	16.	/	10.		U/	22000.		U/	56000.
bis(2-Chloroethyl) ether (UG/L)	5.	J/	10.		U/	22000.		U/	56000.
2-Chlorophenol (UG/L)		U/	10.		U/	22000.		U/	56000.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	22000.		U/	56000.
1,4-Dichlorobenzene (UG/L)	30.	/	10.		U/	22000.		U/	56000.
1,2-Dichlorobenzene (UG/L)	2.	J/	10.		U/	22000.		U/	56000.
2-Methylphenol (UG/L)	7.	J/	10.		U/	22000.		U/	56000.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	22000.		U/	56000.
4-Methylphenol (UG/L)	85.	/	10.	17000.	J/	22000.		U/	56000.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	22000.		U/	56000.
Hexachloroethane (UG/L)		U/	10.		U/	22000.		U/	56000.
Nitrobenzene (UG/L)		U/	10.		U/	22000.		U/	56000.
Isophorone (UG/L)		U/	10.		U/	22000.		U/	56000.
2-Nitrophenol (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4-Dimethylphenol (UG/L)	10.	/	10.		U/	22000.		U/	56000.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	22000.		U/	56000.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	22000.		U/	56000.
Naphthalene (UG/L)	43.	/	10.		U/	22000.		U/	56000.
4-Chloroaniline (UG/L)		U/	10.		U/	22000.		U/	56000.
Hexachlorobutadiene (UG/L)		U/	10.		U/	22000.		U/	56000.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	22000.		U/	56000.
2-Methylnaphthalene (UG/L)	8.	J/	10.		U/	22000.		U/	56000.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	56000.		U/	140000.
2-Chloronaphthalene (UG/L)		U/	10.		U/	22000.		U/	56000.
2-Nitroaniline (UG/L)		U/	25.		U/	56000.		U/	140000.
Dimethylphthalate (UG/L)		U/	10.		U/	22000.		U/	56000.
Acenaphthylene (UG/L)		U/	10.		U/	22000.		U/	56000.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	22000.		U/	56000.
3-Nitroaniline (UG/L)		U/	25.		U/	56000.		U/	140000.
Acenaphthene (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	56000.		U/	140000.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: SVOC

Parameter	BW-LLDV5-01 09/23/91			BW-LLFB01-01 09/20/91			BW-LLSV5-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.	1.	J/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)	33.	/	10.		U/	10.	230.	D/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.	1.	J/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.	3.	J/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.	3.	J/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.	1.	J/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.	2.	J/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.	3.	BJ/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: SVOC

	BW-LLSV5-91 09/19/91			BW-LLSV8-01 09/20/91			BW-LLSV9-01 09/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	56000.		U/	140000.
Dibenzofuran (UG/L)		U/	10.		U/	22000.		U/	56000.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	22000.		U/	56000.
Diethylphthalate (UG/L)	260.	D/	10.		U/	22000.		U/	56000.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	22000.		U/	56000.
Fluorene (UG/L)		U/	10.		U/	22000.		U/	56000.
4-Nitroaniline (UG/L)		U/	25.		U/	56000.		U/	140000.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	56000.		U/	140000.
N-nitrosodiphenylamine (UG/L)	3.	J/	10.		U/	22000.		U/	56000.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	22000.		U/	56000.
Hexachlorobenzene (UG/L)		U/	10.		U/	22000.		U/	56000.
Pentachlorophenol (UG/L)		U/	25.		U/	56000.		U/	140000.
Phenanthrene (UG/L)	1.	J/	10.		U/	22000.		U/	56000.
Anthracene (UG/L)		U/	10.		U/	22000.		U/	56000.
Di-n-butylphthalate (UG/L)	2.	J/	10.		U/	22000.		U/	56000.
Fluoranthene (UG/L)		U/	10.		U/	22000.		U/	56000.
Pyrene (UG/L)		U/	10.		U/	22000.		U/	56000.
Butylbenzylphthalate (UG/L)		U/	10.		U/	22000.		U/	56000.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	22000.		U/	56000.
Benzo(a)anthracene (UG/L)		U/	10.		U/	22000.		U/	56000.
Chrysene (UG/L)		U/	10.		U/	22000.		U/	56000.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	22000.		U/	56000.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	22000.		U/	56000.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	22000.		U/	56000.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	22000.		U/	56000.
Benzo(a)pyrene (UG/L)		U/	10.		U/	22000.		U/	56000.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	22000.		U/	56000.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	22000.		U/	56000.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	22000.		U/	56000.
Carbazole (UG/L)		U/	10.		U/	22000.		U/	56000.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: PPCB
Generated by: JAH
Date Issued: 13-FEB-92

	BW-LLDV5-01 09/23/91			BW-LLFB01-01 09/20/91			BW-LLSV5-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sa[illegible], LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: PPCB

	BW-LLSV5-91 09/19/91			BW-LLSV8-01 09/20/91			BW-LLSV9-01 09/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
beta-BHC (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
delta-BHC (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Heptachlor (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Aldrin (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Heptachlor epoxide (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Endosulfan I (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Dieldrin (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
4,4'-DDE (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
Endrin (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
Endosulfan II (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
4,4'-DDD (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
Endosulfan sulfate (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
4,4'-DDT (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
Methoxychlor (UG/L)		U/	0.5		U/UJ	1.		U/	2.5
Endrin ketone (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5
alpha-Chlordane (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
gamma-Chlordane (UG/L)		U/	0.05		U/UJ	0.1		U/	0.25
Toxaphene (UG/L)		U/	5.		U/UJ	10.		U/	25.
Aroclor-1016 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Aroclor-1221 (UG/L)		U/	2.		U/UJ	4.		U/	10.
Aroclor-1232 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Aroclor-1242 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Aroclor-1248 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Aroclor-1254 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Aroclor-1260 (UG/L)		U/	1.		U/UJ	2.		U/	5.
Endrin aldehyde (UG/L)		U/	0.1		U/UJ	0.2		U/	0.5

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: LEC
Generated by: SEM
Date Issued: 22-JAN-92

BW-LLDV5-01 09/20/91

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	54.	J/
Unknown (UG/L)	28.	J/
Substituted benzene (UG/L)	45.	J/
Trimethylbenzene (UG/L)	25.	J/

BW-LLDV5-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	100.	J/
Unknown carboxylic acid (UG/L)	320.	J/
Benzene, propyl- (UG/L)	88.	JN/
Unknown carboxylic acid (UG/L)	71.	J/
Trimethylbenzene (UG/L)	450.	J/
Cineole (UG/L)	90.	JN/
Unknown (UG/L)	67.	J/
Unknown (UG/L)	55.	J/
Bicycloheptan-2-one, trimethyl (UG/L)	490.	J/
Unknown (UG/L)	240.	J/
Unknown propanol (UG/L)	250.	J/
Unknown (UG/L)	90.	J/
Unknown (UG/L)	140.	J/
Unknown ketone (UG/L)	110.	J/
Unknown (UG/L)	73.	J/
Unknown (UG/L)	52.	J/
Unknown (UG/L)	63.	J/
Unknown (UG/L)	65.	J/
Unknown (UG/L)	110.	J/
Unknown (UG/L)	80.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: LEC

BW-LLFB01-01 09/20/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	2.	J/
Phenol, bis(1,1-dimethyl)- (UG/L)	3.	JN/
Unknown (UG/L)	2.	J/
Unknown (UG/L)	14.	J/
Unknown phenol (UG/L)	8.	J/
Trimethylpentyl phenol (UG/L)	40.	J/
Unknown (UG/L)	39.	J/
Trimethylpentyl phenol (UG/L)	48.	J/
Unknown phenol (UG/L)	15.	J/
Trimethylpentyl phenol (UG/L)	6.	J/
Trimethylpentyl phenol (UG/L)	83.	J/
Phenol, nonyl- (UG/L)	16.	JN/
Unknown alkene (UG/L)	2.	JN/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: LEC

BW-LLSV5-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	430.	J/
Unknown (UG/L)	100.	J/
Ethylmethylbenzene (UG/L)	150.	J/
Unknown (UG/L)	390.	J/
Unknown (UG/L)	560.	J/
Trimethylbenzene (UG/L)	710.	J/
Unknown carboxylic acid (UG/L)	160.	J/
Unknown (UG/L)	80.	J/
Unknown hexanoic acid (UG/L)	140.	J/
Unknown carboxylic acid (UG/L)	110.	J/
Dimethylcyclohexanemethanol (UG/L)	58.	JN/
Camphor (UG/L)	76.	JN/
Unknown carboxylic acid (UG/L)	62.	J/
Methyl(methylethyl)cyclohexano (UG/L)	67.	JN/
Unknown (UG/L)	98.	J/
Unknown (UG/L)	170.	J/
2-Propanol, 1-[2-(2-methoxy-1- (UG/L)	120.	JN/
Unknown (UG/L)	110.	J/
Benzenepropanoic acid (UG/L)	110.	JN/
2(3H)-Benzothiazolone (UG/L)	75.	JN/

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	13.	J/
Unknown (UG/L)	27.	J/
Unknown hydrocarbon (UG/L)	10.	J/
Ethylmethylbenzene (UG/L)	14.	J/
Unknown hydrocarbon (UG/L)	8.	J/
Unknown hydrocarbon (UG/L)	7.	J/
Unknown (UG/L)	25.	J/
Ethylmethylbenzene (UG/L)	140.	J/
Trimethylbenzene (UG/L)	65.	J/
Unknown hydrocarbon (UG/L)	33.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: LEC

BW-LLSV5-91 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Butanoic acid, 2-methyl- (UG/L)	390.	JN/
Unknown carboxylic acid (UG/L)	450.	J/
Ethylmethylbenzene (UG/L)	99.	J/
Trimethylbenzene (UG/L)	92.	J/
Unknown carboxylic acid (UG/L)	110.	J/
Unknown carboxylic acid (UG/L)	390.	J/
Ethylmethylbenzene (UG/L)	38.	J/
Cyclohexanone, 3,3,5-trimethyl (UG/L)	300.	JN/
Cyclohexanol, 3,3,5-trimethyl- (UG/L)	82.	JN/
Unknown cyclic carboxylic acid (UG/L)	170.	J/
Trimethylcyclohexanemethanol (UG/L)	130.	JN/
Camphor (UG/L)	200.	JN/
Cyclohexanol, 5-methyl-2-(1-me (UG/L)	53.	JN/
Unknown (UG/L)	61.	J/
Unknown (UG/L)	94.	J/
Unknown (UG/L)	130.	J/
Phthalic anhydride (UG/L)	81.	JN/
Benzenepropanoic acid (UG/L)	50.	JN/
Pyridine, 4-phenyl- (UG/L)	56.	JN/
2(3H)-Benzothiazolone (UG/L)	65.	JN/

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	12.	J/
Unknown (UG/L)	26.	J/
Unknown (UG/L)	63.	J/
Ethylmethylbenzene (UG/L)	14.	J/
Benzene, propyl- (UG/L)	24.	JN/
Ethylmethylbenzene (UG/L)	130.	J/
Trimethylbenzene (UG/L)	65.	J/
Unknown hydrocarbon (UG/L)	21.	J/
Unknown ketone (UG/L)	7.	J/
Ethylmethylbenzene (UG/L)	36.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: LEC

BW-LLSV8-01 09/20/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	680000.	J/
Unknown (UG/L)	130000.	J/
Unknown (UG/L)	470000.	J/
Unknown (UG/L)	580000.	J/
Unknown (UG/L)	72000.	J/
Unknown (UG/L)	14000.	J/
Unknown (UG/L)	700000.	J/
Hexanoic acid, 2-methyl- (UG/L)	58000.	JN/
Unknown (UG/L)	16000.	J/
Unknown (UG/L)	29000.	J/
Aldol (UG/L)	11000.	AJ/
Benzenepropanoic acid (UG/L)	14000.	J/

BW-LLSV9-01 09/20/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	1200000.	J/
Unknown (UG/L)	200000.	J/
Unknown (UG/L)	210000.	J/
Unknown (UG/L)	900000.	J/
Unknown (UG/L)	22000.	J/
Unknown (UG/L)	28000.	J/
Unknown (UG/L)	1200000.	J/
Unknown (UG/L)	17000.	J/
Unknown (UG/L)	96000.	J/
Unknown (UG/L)	34000.	J/
Unknown (UG/L)	51000.	J/
Benzeneacetic acid (UG/L)	45000.	JN/
Benzenepropanoic acid (UG/L)	39000.	JN/

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	990.	J/
Methane, thiobis- (UG/L)	740.	JN/
Unknown oxygenated hydrocarbon (UG/L)	620.	J/
Acetic acid, methyl ester (UG/L)	350.	JN/
Unknown substituted oxirane (UG/L)	720.	J/
Unknown alcohol (UG/L)	2800.	J/
Unknown (UG/L)	180.	J/
Unknown (UG/L)	1200.	J/
Butanoic acid, methyl ester (UG/L)	630.	JN/
Unknown (UG/L)	450.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: MTL IND
Generated by: SEM
Date Issued: 21-JAN-92

	BW-LLDV5-01 09/23/91			BW-LLFB01-01 09/20/91			BW-LLSV5-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)	19100.	/	50.		U/	50.	249.	/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)	45.7	S/	2.		US/	2.	3.3	KS/	2.
Barium (UG/L)	320.	/	10.		U/	10.	232.	/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)	7.	/	5.		U/	5.		U/	5.
Calcium (UG/L)	272000.	/	1000.		U/	1000.	174000.	/	1000.
Chromium, total (UG/L)	144.	/	10.		U/	10.		U/	10.
Cobalt (UG/L)	34.	KE/J	10.		UE/UJ	10.		UE/UJ	10.
Copper (UG/L)	69.	/	10.		U/	10.		U/	10.
Iron (UG/L)	182000.	/	20.		K/U	52.	142000.	/	20.
Lead (UG/L)	396.	NS/J	3.		UNS/	3.	67.	NS/J	3.
Magnesium (UG/L)	467000.	/	1000.		U/	1000.	144000.	/	1000.
Manganese (UG/L)	2860.	/	10.		U/	10.	545.	/	10.
Mercury (UG/L)	2.	/	0.5		U/	0.5		U/	0.5
Nickel (UG/L)	186.	*/J	20.		U*/UJ	20.	29.	K*/J	20.
Potassium (UG/L)	409000.	K/	100.		U/	100.	148000.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	1070000.	/	2000.		U/	2000.	200000.	/	2000.
Thallium (UG/L)		US/	3.	3.3	KS/	3.		KS/U	4.2
Vanadium (UG/L)	55.	/J	50.		U/	50.		U/	50.
Zinc (UG/L)	1480.	E/J	10.	96.	E/J	10.		E/UJ	296.
Cyanide (UG/L)	7.	K/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	3490.	/	5.		U/	5.	1680.	/	5.
Chloride (MG/L)	2170.	/	1.		U/	1.	338.	/	1.
Chemical Oxygen Demand (MG/L)	659.	/	20.		U/	20.	455.	/	20.
Nitrate+Nitrite Nitrogen (MG/L)	0.06	/	0.02		U/	0.02	0.2	/	0.02
Nitrogen, Ammonia (MG/L)	395.	/	0.1	0.1	/	0.1	35.3	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	320.	/	0.1	0.29	/	0.1	68.9	/	0.1
Sulfate (MG/L)	41.	/	5.		U/	5.		U/	5.
Total Dissolved Solids (MG/L)	5690.	/	20.		U/	20.	1830.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: LEC Type: MTL IND

Parameter	BW-LLSV5-91 09/19/91			BW-LLSV8-01 09/20/91			BW-LLSV9-01 09/20/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)	280.	/	50.	8400.	/	50.	34600.	/	50.
Antimony (UG/L)		U/	50.		U/UJ	50.		U/UJ	50.
Arsenic (UG/L)	5.9	KS/	2.	45.2	KS/	2.		US/	20.
Barium (UG/L)	228.	/	10.	612.	/	10.	382.	/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.	26.	/	5.	150.	/	5.
Calcium (UG/L)	178000.	/	1000.	1680000.	/	1000.	3030000.	/	1000.
Chromium, total (UG/L)		U/	10.	22.	/	10.	136.	/	10.
Cobalt (UG/L)		UE/UJ	10.	215.	E/J	10.	550.	E/J	10.
Copper (UG/L)		U/	10.		U/	10.	86.	/	10.
Iron (UG/L)	144000.	/	20.	2120000.	/	20.	2410000.	/	20.
Lead (UG/L)	52.4	NS/J	3.	30.	NS/J	3.	482.	NS/J	3.
Magnesium (UG/L)	148000.	/	1000.	4010000.	/	1000.	1070000.	/	1000.
Manganese (UG/L)	504.	/	10.	30600.	/	10.	59800.	/	10.
Mercury (UG/L)	[illegible]	U/	0.5		U/	0.5	4.7	/	0.5
Nickel (UG/L)	27.	K*/J	20.	233.	*/J	20.	501.	*/J	20.
Potassium (UG/L)	150000.	K/	100.	557000.	/	100.	1230000.	/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	20.
Silver (UG/L)		U/	10.	30.	/J	10.	45.	/J	10.
Sodium (UG/L)	207000.	/	2000.	733000.	/	2000.	1200000.	/	2000.
Thallium (UG/L)		KS/U	5.1		KS/U	7.1	139.	S/	3.
Vanadium (UG/L)		U/	50.	436.	/J	50.	442.	/J	50.
Zinc (UG/L)		E/UJ	296.	60500.	E/J	10.	126000.	E/J	10.
Cyanide (UG/L)		U/	5.		U/	5.	13.	/	5.
Alkalinity, Total (MG/L)	1670.	/	5.	11600.	/	5.	22100.	/	5.
Chloride (MG/L)	335.	/	1.	1710.	/	1.	604.	/	1.
Chemical Oxygen Demand (MG/L)	476.	/	20.	31400.	/	20.	68000.	/	20.
Nitrate+Nitrite Nitrogen (MG/L)	0.18	/	0.02	3.18	/	0.02	2.71	/	0.02
Nitrogen, Ammonia (MG/L)	33.8	/	0.1	464.	/	0.1	434.	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	78.6	/	0.1	910.	/	0.1	822.	/	0.1
Sulfate (MG/L)	8.	/J	5.	725.	/	5.	1190.	/	5.
Total Dissolved Solids (MG/L)	1840.	/	20.	12700.	/	20.	35200.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-3

SOIL SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: VOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS01-0.5 09/24/91			BW-SS01-0.5DUP 09/24/91			BW-SS01-1.0 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	13.		U/	13.		U/	12.
Bromomethane (UG/KG)		U/	13.		U/	13.		U/	12.
Vinyl chloride (UG/KG)		U/	13.		U/	13.		U/	12.
Chloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
Methylene chloride (UG/KG)		B/U	24.		B/U	38.		B/U	72.
Acetone (UG/KG)		B/U	24.		B/U	25.		B/U	92.
Carbon disulfide (UG/KG)		U/	13.		U/	13.		U/	12.
1,1-Dichloroethene (UG/KG)		U/	13.		U/	13.		U/	12.
1,1-Dichloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
1,2-Dichloroethene (total) (UG/KG)		U/	13.		U/	13.		U/	12.
Chloroform (UG/KG)		U/	13.		U/	13.		U/	12.
1,2-Dichloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
2-Butanone (UG/KG)		U/	13.		U/	13.		U/	12.
1,1,1-Trichloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
Carbon tetrachloride (UG/KG)		U/	13.		U/	13.		U/	12.
Bromodichloromethane (UG/KG)		U/	13.		U/	13.		U/	12.
1,2-Dichloropropane (UG/KG)		U/	13.		U/	13.		U/	12.
cis-1,3-Dichloropropene (UG/KG)		U/	13.		U/	13.		U/	12.
Trichloroethene (UG/KG)		U/	13.		U/	13.		U/	12.
Dibromochloromethane (UG/KG)		U/	13.		U/	13.		U/	12.
1,1,2-Trichloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
Benzene (UG/KG)		U/	13.		U/	13.		U/	12.
trans-1,3-Dichloropropene (UG/KG)		U/	13.		U/	13.		U/	12.
Bromoform (UG/KG)		U/	13.		U/	13.		U/	12.
4-Methyl-2-pentanone (UG/KG)		U/	13.		U/	13.		U/	12.
2-Hexanone (UG/KG)		U/	13.		U/	13.		U/	12.
Tetrachloroethene (UG/KG)		U/	13.		U/	13.		U/	12.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	13.		U/	13.		U/	12.
Toluene (UG/KG)		U/	13.		U/	13.		U/	12.
Chlorobenzene (UG/KG)		U/	13.		U/	13.		U/	12.
Ethylbenzene (UG/KG)		U/	13.		U/	13.		U/	12.
Styrene (UG/KG)		U/	13.		U/	13.		U/	12.
Xylenes (total) (UG/KG)		U/	13.		U/	13.		U/	12.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: VOC

	BW-SS02-0.5 09/24/91			BW-SS02-1.0 09/24/91			BW-SS03-0.5 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	12.		U/	11.		U/	11.
Bromomethane (UG/KG)		U/	12.		U/	11.		U/	11.
Vinyl chloride (UG/KG)		U/	12.		U/	11.		U/	11.
Chloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
Methylene chloride (UG/KG)		B/U	27.		B/U	25.		B/U	21.
Acetone (UG/KG)		/U	14.		U/	11.		U/	11.
Carbon disulfide (UG/KG)		U/	12.		U/	11.		U/	11.
1,1-Dichloroethene (UG/KG)		U/	12.		U/	11.		U/	11.
1,1-Dichloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
1,2-Dichloroethene (total) (UG/KG)		U/	12.		U/	11.		U/	11.
Chloroform (UG/KG)		U/	12.		U/	11.		U/	11.
1,2-Dichloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
2-Butanone (UG/KG)		U/	12.		U/	11.		U/	11.
1,1,1-Trichloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
Carbon tetrachloride (UG/KG)		U/	12.		U/	11.		U/	11.
Bromodichloromethane (UG/KG)		U/	12.		U/	11.		U/	11.
1,2-Dichloropropane (UG/KG)		U/	12.		U/	11.		U/	11.
cis-1,3-Dichloropropene (UG/KG)		U/	12.		U/	11.		U/	11.
Trichloroethene (UG/KG)		U/	12.		U/	11.		U/	11.
Dibromochloromethane (UG/KG)		U/	12.		U/	11.		U/	11.
1,1,2-Trichloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
Benzene (UG/KG)		U/	12.		U/	11.		U/	11.
trans-1,3-Dichloropropene (UG/KG)		U/	12.		U/	11.		U/	11.
Bromoform (UG/KG)		U/	12.		U/	11.		U/	11.
4-Methyl-2-pentanone (UG/KG)		U/	12.		U/	11.		U/	11.
2-Hexanone (UG/KG)		U/	12.		U/	11.		U/	11.
Tetrachloroethene (UG/KG)		U/	12.		U/	11.		U/	11.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	12.		U/	11.		U/	11.
Toluene (UG/KG)		U/	12.		U/	11.		U/	11.
Chlorobenzene (UG/KG)		U/	12.		U/	11.		U/	11.
Ethylbenzene (UG/KG)		U/	12.		U/	11.		U/	11.
Styrene (UG/KG)		U/	12.		U/	11.		U/	11.
Xylenes (total) (UG/KG)		U/	12.		U/	11.		U/	11.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: VOC

	BW-SS03-1.0 09/24/91			BW-SS04-0.6 01/30/92			BW-SS05-0.5 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	11.		U/	13.		U/	13.
Bromomethane (UG/KG)		U/	11.		U/	13.		U/	13.
Vinyl chloride (UG/KG)		U/	11.		U/	13.		U/	13.
Chloroethane (UG/KG)		U/	11.		U/	13.		U/	13.
Methylene chloride (UG/KG)		B/U	24.		B/U	38.		B/U	41.
Acetone (UG/KG)		U/	11.		B/U	41.		B/U	56.
Carbon disulfide (UG/KG)		U/	11.		U/	13.		U/	13.
1,1-Dichloroethene (UG/KG)		U/	11.		U/	13.		U/	13.
1,1-Dichloroethane (UG/KG)		U/	11.		U/	13.		U/	13.
1,2-Dichloroethene (total) (UG/KG)		U/	11.		U/	13.		U/	13.
Chloroform (UG/KG)		U/	11.		U/	13.		U/	13.
1,2-Dichloroethane (UG/KG)		U/	11.		U/	13.		U/	13.
2-Butanone (UG/KG)		U/	11.		U/	13.		U/	13.
1,1,1-Trichloroethane (UG/KG)		U/	11.	2.	J/J	13.	2.	J/J	13.
Carbon tetrachloride (UG/KG)		U/	11.		U/	13.		U/	13.
Bromodichloromethane (UG/KG)		U/	11.		U/	13.		U/	13.
1,2-Dichloropropane (UG/KG)		U/	11.		U/	13.		U/	13.
cis-1,3-Dichloropropene (UG/KG)		U/	11.		U/	13.		U/	13.
Trichloroethene (UG/KG)		U/	11.		U/	13.		U/	13.
Dibromochloromethane (UG/KG)		U/	11.		U/	13.		U/	13.
1,1,2-Trichloroethane (UG/KG)		U/	11.		U/	13.		U/	13.
Benzene (UG/KG)		U/	11.		U/	13.		U/	13.
trans-1,3-Dichloropropene (UG/KG)		U/	11.		U/	13.		U/	13.
Bromoform (UG/KG)		U/	11.		U/	13.		U/	13.
4-Methyl-2-pentanone (UG/KG)		U/	11.		U/	13.		U/	13.
2-Hexanone (UG/KG)		U/	11.		U/	13.		U/	13.
Tetrachloroethene (UG/KG)		U/	11.		U/	13.		U/	13.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	11.		U/	13.		U/	13.
Toluene (UG/KG)		U/	11.		U/	13.		U/	13.
Chlorobenzene (UG/KG)		U/	11.		U/	13.		U/	13.
Ethylbenzene (UG/KG)		U/	11.		U/	13.		U/	13.
Styrene (UG/KG)		U/	11.		U/	13.		U/	13.
Xylenes (total) (UG/KG)		U/	11.		U/	13.		U/	13.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS01-0.5 09/24/91			BW-SS01-0.5DUP 09/24/91			BW-SS01-1.0 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	430.		U/	440.		U/	390.
bis(2-Chloroethyl) ether (UG/KG)		U/	430.		U/	440.		U/	390.
2-Chlorophenol (UG/KG)		U/	430.		U/	440.		U/	390.
1,3-Dichlorobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
1,4-Dichlorobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
1,2-Dichlorobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
2-Methylphenol (UG/KG)		U/	430.		U/	440.		U/	390.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	430.		U/	440.		U/	390.
4-Methylphenol (UG/KG)		U/	430.		U/	440.		U/	390.
N-Nitroso-di-n-propylamine (UG/KG)		U/	430.		U/	440.		U/	390.
Hexachloroethane (UG/KG)		U/	430.		U/	440.		U/	390.
Nitrobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
Isophorone (UG/KG)		U/	430.		U/	440.		U/	390.
2-Nitrophenol (UG/KG)		U/	430.		U/	440.		U/	390.
2,4-Dimethylphenol (UG/KG)		U/	430.		U/	440.		U/	390.
bis(2-Chloroethoxy)methane (UG/KG)		U/	430.		U/	440.		U/	390.
2,4-Dichlorophenol (UG/KG)		U/	430.		U/	440.		U/	390.
1,2,4-Trichlorobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
Naphthalene (UG/KG)		U/	430.		U/	440.		U/	390.
4-Chloroaniline (UG/KG)		U/	430.		U/	440.		U/	390.
Hexachlorobutadiene (UG/KG)		U/	430.		U/	440.		U/	390.
4-Chloro-3-methylphenol (UG/KG)		U/	430.		U/	440.		U/	390.
2-Methylnaphthalene (UG/KG)		U/	430.		U/	440.		U/	390.
Hexachlorocyclopentadiene (UG/KG)		U/	430.		U/	440.		U/	390.
2,4,6-Trichlorophenol (UG/KG)		U/	430.		U/	440.		U/	390.
2,4,5-Trichlorophenol (UG/KG)		U/	1100.		U/	1100.		U/	940.
2-Chloronaphthalene (UG/KG)		U/	430.		U/	440.		U/	390.
2-Nitroaniline (UG/KG)		U/	1100.		U/	1100.		U/	940.
Dimethylphthalate (UG/KG)		U/	430.		U/	440.		U/	390.
Acenaphthylene (UG/KG)		U/	430.		U/	440.		U/	390.
2,6-Dinitrotoluene (UG/KG)		U/	430.		U/	440.		U/	390.
3-Nitroaniline (UG/KG)		U/	1100.		U/	1100.		U/	940.
Acenaphthene (UG/KG)		U/	430.		U/	440.		U/	390.
2,4-Dinitrophenol (UG/KG)		U/	1100.		U/	1100.		U/	940.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS02-0.5 09/24/91			BW-SS02-1.0 09/24/91			BW-SS03-0.5 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	410.		U/	360.		U/	380.
bis(2-Chloroethyl) ether (UG/KG)		U/	410.		U/	360.		U/	380.
2-Chlorophenol (UG/KG)		U/	410.		U/	360.		U/	380.
1,3-Dichlorobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
1,4-Dichlorobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
1,2-Dichlorobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
2-Methylphenol (UG/KG)		U/	410.		U/	360.		U/	380.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	410.		U/	360.		U/	380.
4-Methylphenol (UG/KG)		U/	410.		U/	360.		U/	380.
N-Nitroso-di-n-propylamine (UG/KG)		U/	410.		U/	360.		U/	380.
Hexachloroethane (UG/KG)		U/	410.		U/	360.		U/	380.
Nitrobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
Isophorone (UG/KG)		U/	410.		U/	360.		U/	380.
2-Nitrophenol (UG/KG)		U/	410.		U/	360.		U/	380.
2,4-Dimethylphenol (UG/KG)		U/	410.		U/	360.		U/	380.
bis(2-Chloroethoxy)methane (UG/KG)		U/	410.		U/	360.		U/	380.
2,4-Dichlorophenol (UG/KG)		U/	410.		U/	360.		U/	380.
1,2,4-Trichlorobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
Naphthalene (UG/KG)		U/	410.		U/	360.		U/	380.
4-Chloroaniline (UG/KG)		U/	410.		U/	360.		U/	380.
Hexachlorobutadiene (UG/KG)		U/	410.		U/	360.		U/	380.
4-Chloro-3-methylphenol (UG/KG)		U/	410.		U/	360.		U/	380.
2-Methylnaphthalene (UG/KG)		U/	410.		U/	360.		U/	380.
Hexachlorocyclopentadiene (UG/KG)		U/	410.		U/	360.		U/	380.
2,4,6-Trichlorophenol (UG/KG)		U/	410.		U/	360.		U/	380.
2,4,5-Trichlorophenol (UG/KG)		U/	990.		U/	860.		U/	920.
2-Chloronaphthalene (UG/KG)		U/	410.		U/	360.		U/	380.
2-Nitroaniline (UG/KG)		U/	990.		U/	860.		U/	920.
Dimethylphthalate (UG/KG)		U/	410.		U/	360.		U/	380.
Acenaphthylene (UG/KG)		U/	410.		U/	360.		U/	380.
2,6-Dinitrotoluene (UG/KG)		U/	410.		U/	360.		U/	380.
3-Nitroaniline (UG/KG)		U/	990.		U/	860.		U/	920.
Acenaphthene (UG/KG)		U/	410.		U/	360.		U/	380.
2,4-Dinitrophenol (UG/KG)		U/	990.		U/	860.		U/	920.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS03-1.0 09/24/91			BW-SS04-0.6 01/30/92			BW-SS05-0.5 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	340.		U/	420.		U/	420.
bis(2-Chloroethyl) ether (UG/KG)		U/	340.		U/	420.		U/	420.
2-Chlorophenol (UG/KG)		U/	340.		U/	420.		U/	420.
1,3-Dichlorobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
1,4-Dichlorobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
1,2-Dichlorobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
2-Methylphenol (UG/KG)		U/	340.		U/	420.		U/	420.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	340.		U/	420.		U/	420.
4-Methylphenol (UG/KG)		U/	340.		U/	420.		U/	420.
N-Nitroso-di-n-propylamine (UG/KG)		U/	340.		U/	420.		U/	420.
Hexachloroethane (UG/KG)		U/	340.		U/	420.		U/	420.
Nitrobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
Isophorone (UG/KG)		U/	340.		U/	420.		U/	420.
2-Nitrophenol (UG/KG)		U/	340.		U/	420.		U/	420.
2,4-Dimethylphenol (UG/KG)		U/	340.		U/	420.		U/	420.
bis(2-Chloroethoxy)methane (UG/KG)		U/	340.		U/	420.		U/	420.
2,4-Dichlorophenol (UG/KG)		U/	340.		U/	420.		U/	420.
1,2,4-Trichlorobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
Naphthalene (UG/KG)		U/	340.		U/	420.		U/	420.
4-Chloroaniline (UG/KG)		U/	340.		U/	420.		U/	420.
Hexachlorobutadiene (UG/KG)		U/	340.		U/	420.		U/	420.
4-Chloro-3-methylphenol (UG/KG)		U/	340.		U/	420.		U/	420.
2-Methylnaphthalene (UG/KG)		U/	340.		U/	420.		U/	420.
Hexachlorocyclopentadiene (UG/KG)		U/	340.		U/	420.		U/	420.
2,4,6-Trichlorophenol (UG/KG)		U/	340.		U/	420.		U/	420.
2,4,5-Trichlorophenol (UG/KG)		U/	830.		U/	1000.		U/	1000.
2-Chloronaphthalene (UG/KG)		U/	340.		U/	420.		U/	420.
2-Nitroaniline (UG/KG)		U/	830.		U/	1000.		U/	1000.
Dimethylphthalate (UG/KG)		U/	340.		U/	420.		U/	420.
Acenaphthylene (UG/KG)		U/	340.		U/	420.		U/	420.
2,6-Dinitrotoluene (UG/KG)		U/	340.		U/	420.		U/	420.
3-Nitroaniline (UG/KG)		U/	830.		U/	1000.		U/	1000.
Acenaphthene (UG/KG)		U/	340.		U/	420.		U/	420.
2,4-Dinitrophenol (UG/KG)		U/	830.		U/	1000.		U/	1000.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS06-01 06/18/92			BW-SS07-01 06/18/92			BW-SS07-91 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	360.		U/	370.		U/	380.
bis(2-Chloroethyl) ether (UG/KG)		U/	360.		U/	370.		U/	380.
2-Chlorophenol (UG/KG)		U/	360.		U/	370.		U/	380.
1,3-Dichlorobenzene (UG/KG)		U/	360.		U/	370.		U/	380.
1,4-Dichlorobenzene (UG/KG)		U/	360.		U/	370.		U/	380.
1,2-Dichlorobenzene (UG/KG)		U/	360.		U/	370.		U/	380.
2-Methylphenol (UG/KG)		U/	360.		U/	370.		U/	380.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	360.		U/	370.		U/	380.
4-Methylphenol (UG/KG)		U/	360.		U/	370.		U/	380.
N-Nitroso-di-n-propylamine (UG/KG)		U/	360.		U/	370.		U/	380.
Hexachloroethane (UG/KG)		U/	360.		U/	370.		U/	380.
Nitrobenzene (UG/KG)		U/	360.		U/	370.		U/	380.
Isophorone (UG/KG)		U/	360.		U/	370.		U/	380.
2-Nitrophenol (UG/KG)		U/	360.		U/	370.		U/	380.
2,4-Dimethylphenol (UG/KG)		U/	360.		U/	370.		U/	380.
bis(2-Chloroethoxy)methane (UG/KG)		U/	360.		U/	370.		U/	380.
2,4-Dichlorophenol (UG/KG)		U/	360.		U/	370.		U/	380.
1,2,4-Trichlorobenzene (UG/KG)		U/	360.		U/	307.		U/	380.
Naphthalene (UG/KG)		U/	360.		U/	370.		U/	380.
4-Chloroaniline (UG/KG)		U/	360.		U/	370.		U/	380.
Hexachlorobutadiene (UG/KG)		U/	360.		U/	370.		U/	380.
4-Chloro-3-methylphenol (UG/KG)		U/	360.		U/	370.		U/	380.
2-Methylnaphthalene (UG/KG)		U/	360.		U/	370.		U/	380.
Hexachlorocyclopentadiene (UG/KG)		U/	360.		U/	370.		U/	380.
2,4,6-Trichlorophenol (UG/KG)		U/	360.		U/	370.		U/	380.
2,4,5-Trichlorophenol (UG/KG)		U/	880.		U/	890.		U/	920.
2-Chloronaphthalene (UG/KG)		U/	360.		U/	370.		U/	380.
2-Nitroaniline (UG/KG)		U/	880.		U/	890.		U/	920.
Dimethylphthalate (UG/KG)		U/	360.		U/	370.		U/	380.
Acenaphthylene (UG/KG)		U/	360.		U/	370.		U/	380.
2,6-Dinitrotoluene (UG/KG)		U/	360.		U/	370.		U/	380.
3-Nitroaniline (UG/KG)		U/	880.		U/	890.		U/	920.
Acenaphthene (UG/KG)		U/	360.		U/	370.		U/	380.
2,4-Dinitrophenol (UG/KG)		U/	880.		U/	890.		U/	920.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

Parameter	BW-SS08-01 06/18/92 CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	380.
bis(2-Chloroethyl) ether (UG/KG)		U/	380.
2-Chlorophenol (UG/KG)		U/	380.
1,3-Dichlorobenzene (UG/KG)		U/	380.
1,4-Dichlorobenzene (UG/KG)		U/	380.
1,2-Dichlorobenzene (UG/KG)		U/	380.
2-Methylphenol (UG/KG)		U/	380.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	380.
4-Methylphenol (UG/KG)		U/	380.
N-Nitroso-di-n-propylamine (UG/KG)		U/	380.
Hexachloroethane (UG/KG)		U/	380.
Nitrobenzene (UG/KG)		U/	380.
Isophorone (UG/KG)		U/	380.
2-Nitrophenol (UG/KG)		U/	380.
2,4-Dimethylphenol (UG/KG)		U/	380.
bis(2-Chloroethoxy)methane (UG/KG)		U/	380.
2,4-Dichlorophenol (UG/KG)		U/	380.
1,2,4-Trichlorobenzene (UG/KG)		U/	380.
Naphthalene (UG/KG)		U/	380.
4-Chloroaniline (UG/KG)		U/	380.
Hexachlorobutadiene (UG/KG)		U/	380.
4-Chloro-3-methylphenol (UG/KG)		U/	380.
2-Methylnaphthalene (UG/KG)		U/	380.
Hexachlorocyclopentadiene (UG/KG)		U/	380.
2,4,6-Trichlorophenol (UG/KG)		U/	380.
2,4,5-Trichlorophenol (UG/KG)		U/	930.
2-Chloronaphthalene (UG/KG)		U/	380.
2-Nitroaniline (UG/KG)		U/	930.
Dimethylphthalate (UG/KG)		U/	380.
Acenaphthylene (UG/KG)		U/	380.
2,6-Dinitrotoluene (UG/KG)		U/	380.
3-Nitroaniline (UG/KG)		U/	930.
Acenaphthene (UG/KG)		U/	380.
2,4-Dinitrophenol (UG/KG)		U/	930.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS01-0.5 09/24/91			BW-SS01-0.5DUP 09/24/91			BW-SS01-1.0 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	1100.		U/	1100.		U/	940.
Dibenzofuran (UG/KG)		U/	430.		U/	440.		U/	390.
2,4-Dinitrotoluene (UG/KG)		U/	430.		U/	440.		U/	390.
Diethylphthalate (UG/KG)		U/	430.		U/	440.		U/	390.
4-Chlorophenyl-phenylether (UG/KG)		U/	430.		U/	440.		U/	390.
Fluorene (UG/KG)		U/	430.		U/	440.		U/	390.
4-Nitroaniline (UG/KG)		U/	1100.		U/	1100.		U/	940.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	1100.		U/	1100.		U/	940.
N-nitrosodiphenylamine (UG/KG)		U/	430.		U/	440.		U/	390.
4-Bromophenyl-phenylether (UG/KG)		U/	430.		U/	440.		U/	390.
Hexachlorobenzene (UG/KG)		U/	430.		U/	440.		U/	390.
Pentachlorophenol (UG/KG)		U/	1100.		U/	1100.		U/	940.
Phenanthrene (UG/KG)		U/	430.		U/	440.		U/	390.
Anthracene (UG/KG)		U/	430.		U/	440.		U/	390.
Di-n-butylphthalate (UG/KG)		U/	430.		U/	440.		U/	390.
Fluoranthene (UG/KG)		U/	430.		U/	440.		U/	390.
Pyrene (UG/KG)		U/	430.		U/	440.		U/	390.
Butylbenzylphthalate (UG/KG)		U/	430.		U/	440.		U/	390.
3,3'-Dichlorobenzidine (UG/KG)		U/	430.		U/	440.		U/	390.
Benzo(a)anthracene (UG/KG)		U/	430.		U/	440.		U/	390.
Chrysene (UG/KG)		U/	430.		U/	440.		U/	390.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	430.		U/	440.		U/	390.
Di-n-octyl Phthalate (UG/KG)		U/	430.		U/	440.		U/	390.
Benzo(b)fluoranthene (UG/KG)		U/	430.		U/	440.		U/	390.
Benzo(k)fluoranthene (UG/KG)		U/	430.		U/	440.		U/	390.
Benzo(a)pyrene (UG/KG)		U/	430.		U/	440.		U/	390.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	430.		U/	440.		U/	390.
Dibenz(a,h)anthracene (UG/KG)		U/	430.		U/	440.		U/	390.
Benzo(g,h,i)perylene (UG/KG)		U/	430.		U/	440.		U/	390.
Carbazole (UG/KG)		U/	430.		U/	440.		U/	390.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS02-0.5 09/24/91			BW-SS02-1.0 09/24/91			BW-SS03-0.5 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	990.		U/	860.		U/	920.
Dibenzofuran (UG/KG)		U/	410.		U/	360.		U/	380.
2,4-Dinitrotoluene (UG/KG)		U/	410.		U/	360.		U/	380.
Diethylphthalate (UG/KG)		U/	410.		U/	360.		U/	380.
4-Chlorophenyl-phenylether (UG/KG)		U/	410.		U/	360.		U/	380.
Fluorene (UG/KG)		U/	410.		U/	360.		U/	380.
4-Nitroaniline (UG/KG)		U/	990.		U/	860.		U/	920.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	990.		U/	860.		U/	920.
N-nitrosodiphenylamine (UG/KG)		U/	410.		U/	360.		U/	380.
4-Bromophenyl-phenylether (UG/KG)		U/	410.		U/	360.		U/	380.
Hexachlorobenzene (UG/KG)		U/	410.		U/	360.		U/	380.
Pentachlorophenol (UG/KG)		U/	990.		U/	860.		U/	920.
Phenanthrene (UG/KG)		U/	410.		U/	360.	170.	J/J	380.
Anthracene (UG/KG)		U/	410.		U/	360.		U/	380.
Di-n-butylphthalate (UG/KG)		U/	410.		U/	360.		U/	380.
Fluoranthene (UG/KG)		U/	410.		U/	360.	340.	J/J	380.
Pyrene (UG/KG)		U/	410.		U/	360.	290.	J/J	380.
Butylbenzylphthalate (UG/KG)		U/	410.		U/	360.		U/	380.
3,3'-Dichlorobenzidine (UG/KG)		U/	410.		U/	360.		U/	380.
Benzo(a)anthracene (UG/KG)		U/	410.		U/	360.	170.	J/J	380.
Chrysene (UG/KG)		U/	410.		U/	360.	210.	J/J	380.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	410.		U/	360.		U/	380.
Di-n-octyl Phthalate (UG/KG)		U/	410.		U/	360.		U/	380.
Benzo(b)fluoranthene (UG/KG)		U/	410.		U/	360.	580.	/	380.
Benzo(k)fluoranthene (UG/KG)		U/	410.		U/	360.	580.	/	380.
Benzo(a)pyrene (UG/KG)		U/	410.		U/	360.	190.	J/J	380.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	410.		U/	360.	180.	J/J	380.
Dibenz(a,h)anthracene (UG/KG)		U/	410.		U/	360.		U/	380.
Benzo(g,h,i)perylene (UG/KG)		U/	410.		U/	360.	210.	J/J	380.
Carbazole (UG/KG)		U/	410.		U/	360.		U/	380.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS03-1.0 09/24/91			BW-SS04-0.6 01/30/92			BW-SS05-0.5 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	830.		U/	1000.		U/	1000.
Dibenzofuran (UG/KG)		U/	340.		U/	420.		U/	420.
2,4-Dinitrotoluene (UG/KG)		U/	340.		U/	420.		U/	420.
Diethylphthalate (UG/KG)		U/	340.		U/	420.		U/	420.
4-Chlorophenyl-phenylether (UG/KG)		U/	340.		U/	420.		U/	420.
Fluorene (UG/KG)		U/	340.		U/	420.		U/	420.
4-Nitroaniline (UG/KG)		U/	830.		U/	1000.		U/	1000.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	830.		U/	1000.		U/	1000.
N-nitrosodiphenylamine (UG/KG)		U/	340.		U/	420.		U/	420.
4-Bromophenyl-phenylether (UG/KG)		U/	340.		U/	420.		U/	420.
Hexachlorobenzene (UG/KG)		U/	340.		U/	420.		U/	420.
Pentachlorophenol (UG/KG)		U/	830.		U/	1000.		U/R	1000.
Phenanthrene (UG/KG)		U/	340.		U/	420.		U/	420.
Anthracene (UG/KG)		U/	340.		U/	420.		U/	420.
Di-n-butylphthalate (UG/KG)		U/	340.		U/	420.		U/	420.
Fluoranthene (UG/KG)		U/	340.		U/	420.	47.	J/J	420.
Pyrene (UG/KG)		U/	340.		U/	420.		U/	420.
Butylbenzylphthalate (UG/KG)		U/	340.		U/	420.		U/	420.
3,3'-Dichlorobenzidine (UG/KG)		U/	340.		U/	420.		U/	420.
Benzo(a)anthracene (UG/KG)		U/	340.		U/	420.		U/	420.
Chrysene (UG/KG)		U/	340.		U/	420.		U/	420.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	340.		U/	420.	92.	J/J	420.
Di-n-octyl Phthalate (UG/KG)		U/	340.		U/	420.		U/	420.
Benzo(b)fluoranthene (UG/KG)		U/	340.		U/	420.	70.	JX/J	420.
Benzo(k)fluoranthene (UG/KG)		U/	340.		U/	420.	70.	JX/J	420.
Benzo(a)pyrene (UG/KG)		U/	340.		U/	420.		U/	420.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	340.		U/	420.		U/	420.
Dibenz(a,h)anthracene (UG/KG)		U/	340.		U/	420.		U/	420.
Benzo(g,h,i)perylene (UG/KG)		U/	340.		U/	420.		U/	420.
Carbazole (UG/KG)		U/	340.		U/	420.		U/	420.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

	BW-SS06-01 06/18/92			BW-SS07-01 06/18/92			BW-SS07-91 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	880.		U/	890.		U/	920.
Dibenzofuran (UG/KG)		U/	360.		U/	370.		U/	380.
2,4-Dinitrotoluene (UG/KG)		U/	360.		U/	370.		U/	380.
Diethylphthalate (UG/KG)		U/	360.		U/	370.		U/	380.
4-Chlorophenyl-phenylether (UG/KG)		U/	360.		U/	370.		U/	380.
Fluorene (UG/KG)		U/	360.		U/	370.		U/	380.
4-Nitroaniline (UG/KG)		U/	880.		U/	890.		U/	920.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	880.		U/	890.		U/	920.
N-nitrosodiphenylamine (UG/KG)		U/	360.		U/	370.		U/	380.
4-Bromophenyl-phenylether (UG/KG)		U/	360.		U/	370.		U/	380.
Hexachlorobenzene (UG/KG)		U/	360.		U/	370.		U/	380.
Pentachlorophenol (UG/KG)		U/	880.		U/	890.		U/	920.
Phenanthrene (UG/KG)		U/	360.		U/	370.		U/	380.
Anthracene (UG/KG)		U/	360.		U/	370.		U/	380.
Di-n-butylphthalate (UG/KG)		B/U	420.		B/U	580.		U/	380.
Fluoranthene (UG/KG)		U/	360.		U/	370.		U/	380.
Pyrene (UG/KG)		U/	360.		U/	370.		U/	380.
Butylbenzylphthalate (UG/KG)		U/	360.		U/	370.		U/	380.
3,3'-Dichlorobenzidine (UG/KG)		U/	360.		U/	370.		U/	380.
Benzo(a)anthracene (UG/KG)		U/	360.		U/	370.		U/	380.
Chrysene (UG/KG)		U/	360.		U/	370.		U/	380.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	360.		U/	370.		U/	380.
Di-n-octyl Phthalate (UG/KG)		U/	360.		U/	370.		U/	380.
Benzo(b)fluoranthene (UG/KG)		U/	360.		U/	370.		U/	380.
Benzo(k)fluoranthene (UG/KG)		U/	360.		U/	370.		U/	380.
Benzo(a)pyrene (UG/KG)		U/	360.		U/	370.		U/	380.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	360.		U/	370.		U/	380.
Dibenz(a,h)anthracene (UG/KG)		U/	360.		U/	370.		U/	380.
Benzo(g,h,i)perylene (UG/KG)		U/	360.		U/	370.		U/	380.
Carbazole (UG/KG)		U/	360.		U/	370.		U/	380.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SVOC

Parameter	BW-SS08-01 06/18/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	930.
Dibenzofuran (UG/KG)		U/	380.
2,4-Dinitrotoluene (UG/KG)		U/	380.
Diethylphthalate (UG/KG)		U/	380.
4-Chlorophenyl-phenylether (UG/KG)		U/	380.
Fluorene (UG/KG)		U/	380.
4-Nitroaniline (UG/KG)		U/	930.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	930.
N-nitrosodiphenylamine (UG/KG)		U/	380.
4-Bromophenyl-phenylether (UG/KG)		U/	380.
Hexachlorobenzene (UG/KG)		U/	380.
Pentachlorophenol (UG/KG)		U/	930.
Phenanthrene (UG/KG)		U/	380.
Anthracene (UG/KG)		U/	380.
Di-n-butylphthalate (UG/KG)		U/	380.
Fluoranthene (UG/KG)		U/	380.
Pyrene (UG/KG)		U/	380.
Butylbenzylphthalate (UG/KG)		U/	380.
3,3'-Dichlorobenzidine (UG/KG)		U/	380.
Benzo(a)anthracene (UG/KG)		U/	380.
Chrysene (UG/KG)		U/	380.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	380.
Di-n-octyl Phthalate (UG/KG)		U/	380.
Benzo(b)fluoranthene (UG/KG)		U/	380.
Benzo(k)fluoranthene (UG/KG)		U/	380.
Benzo(a)pyrene (UG/KG)		U/	380.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	380.
Dibenz(a,h)anthracene (UG/KG)		U/	380.
Benzo(g,h,i)perylene (UG/KG)		U/	380.
Carbazole (UG/KG)		U/	380.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: PPCB
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS01-0.5 09/24/91			BW-SS01-0.5DUP 09/24/91			BW-SS01-1.0 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	2.2		U/	2.3		U/	2.
beta-BHC (UG/KG)		U/	2.2		U/	2.3		U/	2.
delta-BHC (UG/KG)		U/	2.2		U/	2.3		U/	2.
gamma-BHC (Lindane) (UG/KG)		U/	2.2		U/	2.3		U/	2.
Heptachlor (UG/KG)		U/	2.2		U/	2.3		U/	2.
Aldrin (UG/KG)		U/	2.2		U/	2.3		U/	2.
Heptachlor epoxide (UG/KG)		U/	2.2		U/	2.3		U/	2.
Endosulfan I (UG/KG)		U/	2.2		U/	2.3		U/	2.
Dieldrin (UG/KG)		U/	4.3		U/	4.4		U/	3.9
4,4'-DDE (UG/KG)		U/	4.4		U/	4.4		U/	4.
Endrin (UG/KG)		U/	4.3		U/	4.4		U/	3.9
Endosulfan II (UG/KG)		U/	4.3		U/	4.4		U/	3.9
4,4'-DDD (UG/KG)		U/	4.3		U/	4.4		U/	3.9
Endosulfan sulfate (UG/KG)		U/	4.3		U/	4.4		U/	3.9
4,4'-DDT (UG/KG)		U/	4.3		U/	4.4		U/	3.9
Methoxychlor (UG/KG)		U/	22.		U/	23.		U/	20.
Endrin ketone (UG/KG)		U/	4.3		U/	4.4		U/	3.9
alpha-Chlordane (UG/KG)		U/	2.2		U/	2.3		U/	2.
gamma-Chlordane (UG/KG)		U/	2.2		U/	2.3		U/	2.
Toxaphene (UG/KG)		U/	220.		U/	230.		U/	200.
Aroclor-1016 (UG/KG)		U/	43.		U/	44.		U/	39.
Aroclor-1221 (UG/KG)		U/	88.		U/	89.		U/	80.
Aroclor-1232 (UG/KG)		U/	43.		U/	44.		U/	39.
Aroclor-1242 (UG/KG)		U/	43.		U/	44.		U/	39.
Aroclor-1248 (UG/KG)		U/	43.		U/	44.		U/	39.
Aroclor-1254 (UG/KG)	56.	/	43.	47.	/	44.		U/	39.
Aroclor-1260 (UG/KG)		U/	43.		U/	44.		U/	39.
Endrin aldehyde (UG/KG)		U/	4.4		U/	4.4		U/	3.9

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: PPCB

Parameter	BW-SS02-0.5 09/24/91			BW-SS02-1.0 09/24/91			BW-SS03-0.5 09/24/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	2.1		U/	1.9		U/	1.9
beta-BHC (UG/KG)		U/	2.1		U/	1.9		U/	1.9
delta-BHC (UG/KG)		U/	2.1		U/	1.9		U/	1.9
gamma-BHC (Lindane) (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Heptachlor (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Aldrin (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Heptachlor epoxide (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Endosulfan I (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Dieldrin (UG/KG)		U/	4.1		U/	3.6		U/	3.8
4,4'-DDE (UG/KG)		U/	4.2		U/	3.6		U/	3.8
Endrin (UG/KG)		U/	4.1		U/	3.6		U/	3.8
Endosulfan II (UG/KG)		U/	4.1		U/	3.6		U/	3.8
4,4'-DDD (UG/KG)		U/	4.1		U/	3.6		U/	3.8
Endosulfan sulfate (UG/KG)		U/	4.1		U/	3.6		U/	3.8
4,4'-DDT (UG/KG)		U/	4.1		U/	3.6		U/	3.8
Methoxychlor (UG/KG)		U/	21.		U/	19.		U/	19.
Endrin ketone (UG/KG)		U/	4.1		U/	3.6		U/	3.8
alpha-Chlordane (UG/KG)		U/	2.1		U/	1.9		U/	1.9
gamma-Chlordane (UG/KG)		U/	2.1		U/	1.9		U/	1.9
Toxaphene (UG/KG)		U/	210.		U/	190.		U/	190.
Aroclor-1016 (UG/KG)		U/	41.		U/	36.		U/	38.
Aroclor-1221 (UG/KG)		U/	84.		U/	73.		U/	77.
Aroclor-1232 (UG/KG)		U/	41.		U/	36.		U/	38.
Aroclor-1242 (UG/KG)		U/	41.		U/	36.		U/	38.
Aroclor-1248 (UG/KG)		U/	41.		U/	36.		U/	38.
Aroclor-1254 (UG/KG)		U/	41.		U/	36.		U/	38.
Aroclor-1260 (UG/KG)		U/	41.		U/	36.		U/	38.
Endrin aldehyde (UG/KG)		U/	4.1		U/	3.6		U/	3.8

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: PPCB

	BW-SS03-1.0 09/24/91			BW-SS04-0.6 01/30/92			BW-SS05-0.5 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	1.8		U/	2.2		U/	2.2
beta-BHC (UG/KG)		U/	1.8		U/	2.2		U/	2.2
delta-BHC (UG/KG)		U/	1.8		U/	2.2		U/	2.2
gamma-BHC (Lindane) (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Heptachlor (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Aldrin (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Heptachlor epoxide (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Endosulfan I (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Dieldrin (UG/KG)		U/	3.5		U/	4.3		U/	4.2
4,4'-DDE (UG/KG)		U/	3.6		U/	4.3		U/	4.2
Endrin (UG/KG)		U/	3.5		U/	4.3		U/	4.2
Endosulfan II (UG/KG)		U/	3.5		U/	4.3		U/	4.2
4,4'-DDD (UG/KG)		U/	3.5		U/	4.3		U/	4.2
Endosulfan sulfate (UG/KG)		U/	3.5		U/	4.3		U/	4.2
4,4'-DDT (UG/KG)		U/	3.5		U/	4.3		U/	4.2
Methoxychlor (UG/KG)		U/	18.		U/	22.		U/	22.
Endrin ketone (UG/KG)		U/	3.5		U/	4.3		U/	4.2
alpha-Chlordane (UG/KG)		U/	1.8		U/	2.2		U/	2.2
gamma-Chlordane (UG/KG)		U/	1.8		U/	2.2		U/	2.2
Toxaphene (UG/KG)		U/	180.		U/	220.		U/	220.
Aroclor-1016 (UG/KG)		U/	35.		U/	42.		U/	42.
Aroclor-1221 (UG/KG)		U/	70.		U/	85.		U/	86.
Aroclor-1232 (UG/KG)		U/	35.		U/	42.		U/	42.
Aroclor-1242 (UG/KG)		U/	35.		U/	42.		U/	42.
Aroclor-1248 (UG/KG)		U/	35.		U/	42.		U/	42.
Aroclor-1254 (UG/KG)		U/	35.		U/	42.		U/	42.
Aroclor-1260 (UG/KG)		U/	35.		U/	42.		U/	42.
Endrin aldehyde (UG/KG)		U/	3.5		U/	4.2		U/	4.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS
Generated by: CAW
Date Issued: 30-APR-93

BW-SS01-0.5 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Aldol (UG/KG)	260.	AJ/JN
Unknown (UG/KG)	310.	J/JN
Aldol (UG/KG)	180.	AJ/JN
Aldol (UG/KG)	88.	AJ/JN
Unknown (UG/KG)	740.	J/JN
Unknown (UG/KG)	88.	J/JN
Unknown (UG/KG)	130.	J/JN
Unknown (UG/KG)	610.	J/JN
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	260.	J/JN
Unknown (UG/KG)	700.	J/JN
Unknown (UG/KG)	920.	J/JN
Unknown (UG/KG)	2300.	J/JN
Unknown (UG/KG)	220.	J/JN
Unknown (UG/KG)	480.	J/JN
Unknown (UG/KG)	260.	J/JN
Unknown (UG/KG)	1200.	J/JN

BW-SS01-0.5DUP 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	88.	J/JN
Unknown (UG/KG)	400.	J/JN
Aldol (UG/KG)	220.	AJ/JN
Aldol (UG/KG)	88.	AJ/JN
Unknown (UG/KG)	750.	J/JN
Unknown (UG/KG)	130.	J/JN
Unknown (UG/KG)	350.	J/JN
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	220.	J/JN
Unknown (UG/KG)	620.	J/JN
Unknown (UG/KG)	920.	J/JN
Unknown (UG/KG)	1800.	J/JN
Unknown (UG/KG)	260.	J/JN
Unknown (UG/KG)	400.	J/JN
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	700.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS01-1.0 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	120.	J/JN
Aldol (UG/KG)	590.	AJ/JN
Unknown (UG/KG)	270.	J/JN
Aldol (UG/KG)	1100.	AJ/JN
Aldol (UG/KG)	430.	AJ/JN
Unknown (UG/KG)	240.	J/JN
Unknown (UG/KG)	1000.	J/JN
Unknown (UG/KG)	200.	J/JN
Unknown (UG/KG)	240.	J/JN
Unknown (UG/KG)	240.	J/JN
Unknown hydrocarbon (UG/KG)	160.	J/JN
Unknown (UG/KG)	160.	J/JN
Unknown (UG/KG)	510.	J/JN
Unknown (UG/KG)	670.	J/JN
Unknown (UG/KG)	1600.	J/JN
Unknown (UG/KG)	350.	J/JN
Unknown (UG/KG)	390.	J/JN

BW-SS02-0.5 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	120.	J/JN
Unknown (UG/KG)	1100.	J/JN
Unknown (UG/KG)	210.	J/JN
Unknown (UG/KG)	120.	J/JN
Aldol (UG/KG)	740.	AJ/JN
Aldol (UG/KG)	120.	AJ/JN
Unknown (UG/KG)	210.	J/JN
Unknown (UG/KG)	490.	J/JN
Unknown (UG/KG)	160.	J/JN
Unknown (UG/KG)	370.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS02-1.0 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	110.	J/JN
Unknown (UG/KG)	540.	J/JN
Unknown (UG/KG)	290.	J/JN
Aldol (UG/KG)	400.	AJ/JN
Aldol (UG/KG)	110.	AJ/JN
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	250.	J/JN
Unknown (UG/KG)	72.	J/JN
Unknown (UG/KG)	110.	J/JN
Unknown (UG/KG)	250.	J/JN
Unknown (UG/KG)	110.	J/JN

BW-SS03-0.5 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	150.	J/JN
Unknown (UG/KG)	880.	J/JN
Unknown (UG/KG)	2800.	J/JN
Unknown (UG/KG)	110.	J/JN
Aldol (UG/KG)	1500.	AJ/JN
Aldol (UG/KG)	340.	AJ/JN
Unknown (UG/KG)	420.	J/JN
Unknown (UG/KG)	1000.	J/JN
Ethanone, 1-phenyl- (UG/KG)	110.	JN/JN
Unknown (UG/KG)	190.	J/JN
Unknown (UG/KG)	150.	J/JN
Unknown (UG/KG)	540.	J/JN
Unknown (UG/KG)	230.	J/JN
Unknown (UG/KG)	190.	J/JN
Unknown (UG/KG)	190.	J/JN
Unknown (UG/KG)	1300.	J/JN
Benzofluoranthene (UG/KG)	230.	J/JN
Unknown (UG/KG)	310.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS03-1.0 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	660.	J/JN
Aldol (UG/KG)	590.	AJ/JN
Unknown (UG/KG)	310.	J/JN
Unknown (UG/KG)	170.	J/JN
Unknown (UG/KG)	170.	J/JN
Unknown (UG/KG)	380.	J/JN

BW-SS04-0.6 01/30/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	340.	J/JN
Unknown (UG/KG)	510.	J/JN
Aldol (UG/KG)	170.	AJ/JN
Aldol (UG/KG)	590.	AJ/JN
Unknown (UG/KG)	890.	J/JN
Unknown carboxylic acid (UG/KG)	300.	J/JN
Unknown (UG/KG)	130.	J/JN
Unknown (UG/KG)	1100.	J/JN
Unknown (UG/KG)	170.	J/JN
Unknown hydrocarbon (UG/KG)	84.	J/JN
Unknown (UG/KG)	210.	J/JN
Unknown (UG/KG)	250.	J/JN
Unknown (UG/KG)	1200.	J/JN
Unknown (UG/KG)	1100.	J/JN
Unknown (UG/KG)	1500.	J/JN
Unknown (UG/KG)	250.	J/JN
Unknown (UG/KG)	2300.	J/JN
Unknown (UG/KG)	170.	J/JN
Unknown (UG/KG)	84.	J/JN
Unknown (UG/KG)	210.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS05-0.5 01/30/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	430.	J/JN
Unknown alkene (UG/KG)	340.	J/JN
Unknown alkene (UG/KG)	3200.	J/JN
Unknown (UG/KG)	770.	J/JN
Aldol (UG/KG)	510.	AJ/JN
Unknown (UG/KG)	340.	J/JN
Unknown (UG/KG)	1600.	J/JN
Aldol (UG/KG)	210.	AJ/JN
Unknown (UG/KG)	210.	J/JN
Unknown (UG/KG)	340.	J/JN
Unknown (UG/KG)	2200.	J/JN
Unkonwn alkyl propanoic acid (UG/KG)	430.	J/JN
Unknown hydrocarbon (UG/KG)	130.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	210.	J/JN
Unknown (UG/KG)	1000.	J/JN
Unknown hydrocarbon (UG/KG)	2000.	J/JN
Unknown (UG/KG)	2400.	J/JN
Unknown (UG/KG)	2300.	J/JN
Unknown (UG/KG)	850.	J/JN

BW-SS06-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	110.	J/
Unknown (UG/KG)	580.	J/
Aldol (UG/KG)	180.	AJ/
Unknown phthalate (UG/KG)	73.	J/
Unknown (UG/KG)	110.	J/
Unknown (UG/KG)	150.	J/
Unknown (UG/KG)	220.	J/
Unknown (UG/KG)	220.	J/
Unknown (UG/KG)	150.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	1200.	J/
Unknown (UG/KG)	440.	J/
Unknown (UG/KG)	470.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS07-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (MG/KG)	150.	J/
Unknown (MG/KG)	670.	J/
Unknown (MG/KG)	150.	J/
Unknown hydrocarbon (MG/KG)	150.	J/
Unknown (MG/KG)	150.	J/
Unknown (MG/KG)	220.	J/
Unknown (MG/KG)	190.	J/
Unknown (MG/KG)	410.	J/
Unknown (MG/KG)	220.	J/
Unknown (MG/KG)	110.	J/
Unknown (MG/KG)	410.	J/
Unknown (MG/KG)	1200.	J/
Unknown (MG/KG)	150.	J/
Unknown (MG/KG)	220.	J/
Unknown (MG/KG)	150.	J/

BW-SS07-91 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	270.	J/
Unknown (UG/KG)	380.	J/
Unknown (UG/KG)	3300.	J/
Unknown (UG/KG)	380.	J/
Unknown (UG/KG)	380.	J/
Unknown (UG/KG)	310.	J/
Unknown (UG/KG)	760.	J/
Unknown (UG/KG)	190.	J/
Unknown (UG/KG)	190.	J/
Unknown phthalate (UG/KG)	310.	J/
Unknown (UG/KG)	270.	J/
Unknown carboxylic acid (UG/KG)	460.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SS

BW-SS08-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	580.	J/
Unknown (UG/KG)	270.	J/
Hydroxybenzaldehyde (UG/KG)	270.	J/
Benzenediol (UG/KG)	120.	J/
Unknown (UG/KG)	190.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	230.	J/
Unknown (UG/KG)	350.	J/
Unknown (UG/KG)	1300.	J/
Unknown (UG/KG)	740.	J/
Unknown (UG/KG)	230.	J/
Unknown (UG/KG)	190.	J/
Unknown (UG/KG)	1000.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SLIND MTL
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS01-0.5 09/24/91			BW-SS01-0.5DUP 09/24/91			BW-SS01-1.0 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	76.4	/	0.1	75.5	/	0.1	84.2	/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	13900.	/	12.9	10900.	/	13.	10900.	/	11.7
Antimony (MG/KG)		UN/UJ	12.9		UN/UJ	13.		UN/UJ	11.7
Arsenic (MG/KG)	4.7	N/	0.52	5.7	NS/	0.52	7.	NS/	0.48
Barium (MG/KG)	178.	/	2.6	175.	/	2.6	110.	/	2.3
Beryllium (MG/KG)		U/	1.3		U/	1.3		U/	1.2
Cadmium (MG/KG)	5.7	/	1.3	5.5	/	1.3	2.1	/	1.2
Calcium (MG/KG)	15000.	*/	260.	12500.	*/	260.	37900.	*/	230.
Chromium, total (MG/KG)	70.8	/	2.6	65.6	/	2.6	32.	/	2.3
Cobalt (MG/KG)	10.8	K/	2.6	8.3	K/	2.6	8.9	K/	2.3
Copper (MG/KG)	58.9	N/J	2.6	55.5	N/J	2.6	39.2	N/J	2.3
Iron (MG/KG)	18300.	/	5.2	16200.	/	5.2	20400.	/	4.6
Lead (MG/KG)	31.5	/	0.77	36.7	/	0.77	20.6	/	0.72
Magnesium (MG/KG)	5750.	*/	260.	4210.	*/	260.	21100.	*/	230.
Manganese (MG/KG)	389.	/	2.6	383.	/	2.6	478.	/	2.3
Mercury (MG/KG)	0.19	N/J	0.05	0.2	N/J	0.05	0.1	N/J	0.05
Nickel (MG/KG)	28.4	/	5.2	28.4	/	5.2	20.8	/	4.6
Potassium (MG/KG)	886.	KN/J	26.	713.	KN/J	26.	793.	KN/J	23.
Selenium (MG/KG)	2.2	/	0.52	2.	/	0.52	1.1	/	0.48
Silver (MG/KG)		U/	2.6		U/	2.6		U/	2.3
Sodium (MG/KG)		U/	517.		U/	521.		U/	466.
Thallium (MG/KG)		U/	0.77		U/	0.77	0.68	K/	0.68
Vanadium (MG/KG)	39.	/	12.9	26.8	/	13.	26.4	/	11.7
Zinc (MG/KG)	150.	/	2.6	140.	/	2.6	103.	/	2.3
Cyanide (MG/KG)		U/	1.6		U/	1.7		U/	1.5

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SLIND MTL

	BW-SS02-0.5 09/24/91			BW-SS02-1.0 09/24/91			BW-SS03-0.5 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	81.1	/	0.1	90.7	/	0.1	87.	/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	11300.	/	12.3	4410.	/	10.9	7440.	/	11.3
Antimony (MG/KG)		UN/UJ	12.3		UN/UJ	10.9		UN/UJ	11.3
Arsenic (MG/KG)	5.8	NS/	0.48	5.6	N/	0.44	6.5	N/	0.44
Barium (MG/KG)	139.	/	2.5	36.9	K/	2.2	63.8	/	2.3
Beryllium (MG/KG)		U/	1.2		U/	1.1		U/	1.1
Cadmium (MG/KG)		U/	1.2		U/	1.1		U/	1.1
Calcium (MG/KG)	3930.	*/	250.	116000.	*/	220.	58900.	*/	230.
Chromium, total (MG/KG)	16.	/	2.5	6.5	/	2.2	13.5	/	2.3
Cobalt (MG/KG)	9.6	K/	2.5	5.6	K/	2.2	6.3	K/	2.3
Copper (MG/KG)	12.1	N/J	2.5	13.5	N/J	2.2	16.2	N/J	2.3
Iron (MG/KG)	16200.	/	4.9	14400.	/	4.3	16500.	/	4.5
Lead (MG/KG)	16.4	/	0.72	10.5	/	0.66	9.9	/	0.66
Magnesium (MG/KG)	3750.	*/	250.	56800.	*/	220.	34000.	*/	230.
Manganese (MG/KG)	1160.	/	2.5	560.	/	2.2	596.	/	2.3
Mercury (MG/KG)	0.06	N/J	0.05	0.04	N/J	0.04		UN/UJ	0.05
Nickel (MG/KG)	10.6	/	4.9		U/	4.3	10.8	/	4.5
Potassium (MG/KG)	940.	KN/J	25.	645.	KN/J	22.	979.	KN/J	23.
Selenium (MG/KG)		US/	0.47		US/	0.44		U/	0.45
Silver (MG/KG)		U/	2.5	2.2	/	2.2		U/	2.3
Sodium (MG/KG)		U/	493.		U/	434.		U/	451.
Thallium (MG/KG)		U/	0.71		U/	0.66		U/	0.67
Vanadium (MG/KG)	24.9	/	12.3	11.9	/	10.9	20.7	/	11.3
Zinc (MG/KG)	53.3	/	2.5	28.9	/	2.2	46.4	/	2.3
Cyanide (MG/KG)		U/	1.5		U/	1.4		U/	1.4

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SLIND MTL

	BW-SS03-1.0 09/24/91			BW-SS04-0.6 01/30/92			BW-SS05-0.5 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	93.	/	0.1		U/	0.1		U/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	2780.	/	10.4	12700.	/	12.8	11200.	/	12.9
Antimony (MG/KG)		UN/UJ	10.4		UN/UJ	12.8		UN/UJ	12.9
Arsenic (MG/KG)	5.4	N/	0.43	7.4	N/J	0.52	6.4	N/J	0.52
Barium (MG/KG)	11.4	K/	2.1	141.	/	2.6	127.	/	2.6
Beryllium (MG/KG)		U/	1.		U/	1.3		U/	1.3
Cadmium (MG/KG)		U/	1.		U/	1.3		U/	1.3
Calcium (MG/KG)	127000.	*/	210.	11000.	N/J	258.	15400.	N/J	258.
Chromium, total (MG/KG)	6.4	/	2.1	14.4	/	2.6	13.4	/	2.6
Cobalt (MG/KG)	5.	K/	2.1	8.7	K/	2.6	11.1	K/	2.6
Copper (MG/KG)	12.6	N/J	2.1	17.2	/	2.6	16.7	/	2.6
Iron (MG/KG)	12800.	/	4.2	19300.	/	5.2	18700.	/	5.2
Lead (MG/KG)	6.2	/	0.64	23.2	/	0.77	17.9	/	0.77
Magnesium (MG/KG)	70400.	*/	210.	8080.	N/J	258.	10600.	N/J	258.
Manganese (MG/KG)	309.	/	2.1	928.	/	2.6	966.	/	2.6
Mercury (MG/KG)		UN/UJ	0.04	0.06	/	0.05		U/	0.05
Nickel (MG/KG)	5.4	K/	4.2	15.9	/	5.2	12.9	/	5.2
Potassium (MG/KG)	642.	KN/J	21.	1820.	/	25.8	1530.	/	25.8
Selenium (MG/KG)		U/	0.42		U/	0.51		US/	0.51
Silver (MG/KG)		U/	2.1		U/	2.6		U/	2.6
Sodium (MG/KG)		U/	414.		U/	513.		U/	515.
Thallium (MG/KG)		U/	0.63		U/	0.77		U/	0.77
Vanadium (MG/KG)		U/	10.4	25.7	/	12.8	22.7	/	12.9
Zinc (MG/KG)	27.8	/	2.1	73.9	/	2.6	56.7	/	2.6
Cyanide (MG/KG)		U/	1.3		U/	1.6		U/	1.6

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SLIND MTL

	BW-SS06-01 06/18/92			BW-SS07-01 06/18/92			BW-SS07-91 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	62.1	/	0.1	86.1	/	0.1	83.7	/	0.1
Organic Carbon (%)	1.6	/	0.1	0.7	/	0.1	1.	/	0.1
Aluminum (MG/KG)	16000.	/	14.5	14600.	/	11.1	13400.	/	10.3
Antimony (MG/KG)		UN/R	14.5		UN/R	11.1		UN/R	10.3
Arsenic (MG/KG)	6.2	/	0.47	6.4	K/	0.34	5.8	/	0.36
Barium (MG/KG)	182.	/	2.9	137.	/	2.2	119.	/	2.1
Beryllium (MG/KG)		U/	1.5		U/	1.1		U/	1.
Cadmium (MG/KG)	4.9	/	1.5	5.5	/	1.1	4.1	/	1.
Calcium (MG/KG)	5660.	/	290.	12700.	/	222.	9570.	/	206.
Chromium, total (MG/KG)	18.3	*/	2.9	38.6	*/	2.2	23.4	*/	2.1
Cobalt (MG/KG)	16.5	/	2.9	11.1	/	2.2	10.5	/	2.1
Copper (MG/KG)	16.	/	2.9	23.5	/	2.2	16.2	/	2.1
Iron (MG/KG)	24300.	/	5.8	22600.	/	4.4	20300.	/	4.3
Lead (MG/KG)	19.5	N/J	0.71	16.3	N/J	0.51	13.7	N/J	0.54
Magnesium (MG/KG)	4870.	/	290.	9100.	/	222.	7300.	/	206.
Manganese (MG/KG)	1570.	/	2.9	848.	/	2.2	776.	/	2.1
Mercury (MG/KG)		U/	0.06		U/	0.05		U/	0.05
Nickel (MG/KG)	21.8	/	5.8	22.2	/	4.4	19.1	/	4.3
Potassium (MG/KG)	1710.	/	29.	1650.	/	22.2	1610.	/	20.6
Selenium (MG/KG)		UNS/UJ	0.47		UNS/UJ	0.34		UNS/UJ	0.36
Silver (MG/KG)		U/	2.9		U/	2.2		U/	2.1
Sodium (MG/KG)		U/	580.		U/	444.		U/	411.
Thallium (MG/KG)		U/	0.71		U/	0.51		U/	0.54
Vanadium (MG/KG)	36.3	/	14.5	35.1	/	11.1	31.8	/	10.3
Zinc (MG/KG)	79.8	/	2.9	81.4	/	2.2	65.1	/	2.1
Cyanide (MG/KG)		U/	2.		U/	1.5		U/	1.5

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SS Type: SLIND MTL

Parameter	BW-SS08-01 06/18/92 CONC	LQ/DVQ	RDL
Total Solids (%)	85.6	/	0.1
Organic Carbon (%)			
Aluminum (MG/KG)	14300.	/	11.5
Antimony (MG/KG)		UN/R	11.5
Arsenic (MG/KG)	7.4	/	0.32
Barium (MG/KG)	119.	/	2.3
Beryllium (MG/KG)		U/	1.2
Cadmium (MG/KG)	5.1	/	1.2
Calcium (MG/KG)	18800.	/	230.
Chromium, total (MG/KG)	16.1	*/	2.3
Cobalt (MG/KG)	10.8	K/	2.3
Copper (MG/KG)	17.	/	2.3
Iron (MG/KG)	21900.	/	4.6
Lead (MG/KG)	13.9	N/J	0.48
Magnesium (MG/KG)	13100.	/	230.
Manganese (MG/KG)	840.	/	2.3
Mercury (MG/KG)		U/	0.05
Nickel (MG/KG)	21.9	/	4.6
Potassium (MG/KG)	2160.	/	23.
Selenium (MG/KG)		UNS/UJ	0.32
Silver (MG/KG)		U/	2.3
Sodium (MG/KG)		U/	461.
Thallium (MG/KG)		U/	0.48
Vanadium (MG/KG)	35.7	/	11.5
Zinc (MG/KG)	61.5	/	2.3
Cyanide (MG/KG)		U/	1.5

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-3a

DISQUALIFIED SOIL SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SSB Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS09-01 06/19/92			BW-SS10-01 06/19/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroethyl) ether (UG/KG)		U/	390.		U/	400.
2-Chlorophenol (UG/KG)		U/	390.		U/	400.
1,3-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
1,4-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
1,2-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
2-Methylphenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	390.		U/	400.
4-Methylphenol (UG/KG)		U/	390.		U/	400.
N-Nitroso-di-n-propylamine (UG/KG)		U/	390.		U/	400.
Hexachloroethane (UG/KG)		U/	390.		U/	400.
Nitrobenzene (UG/KG)		U/	390.		U/	400.
Isophorone (UG/KG)		U/	390.		U/	400.
2-Nitrophenol (UG/KG)		U/	390.		U/	400.
2,4-Dimethylphenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroethoxy)methane (UG/KG)		U/	390.		U/	400.
2,4-Dichlorophenol (UG/KG)		U/	390.		U/	400.
1,2,4-Trichlorobenzene (UG/KG)		U/	390.		U/	400.
Naphthalene (UG/KG)		U/	390.		U/	400.
4-Chloroaniline (UG/KG)		U/	390.		U/	400.
Hexachlorobutadiene (UG/KG)		U/	390.		U/	400.
4-Chloro-3-methylphenol (UG/KG)		U/	390.		U/	400.
2-Methylnaphthalene (UG/KG)		U/	390.		U/	400.
Hexachlorocyclopentadiene (UG/KG)		U/	390.		U/	400.
2,4,6-Trichlorophenol (UG/KG)		U/	390.		U/	400.
2,4,5-Trichlorophenol (UG/KG)		U/	950.		U/	960.
2-Chloronaphthalene (UG/KG)		U/	390.		U/	400.
2-Nitroaniline (UG/KG)		U/	950.		U/	960.
Dimethylphthalate (UG/KG)		U/	390.		U/	400.
Acenaphthylene (UG/KG)		U/	390.		U/	400.
2,6-Dinitrotoluene (UG/KG)		U/	390.		U/	400.
3-Nitroaniline (UG/KG)		U/	950.		U/	960.
Acenaphthene (UG/KG)		U/	390.		U/	400.
2,4-Dinitrophenol (UG/KG)		U/	950.		U/	960.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SSB Type: SVOC

Parameter	BW-SS09-01 06/19/92 CONC	LQ/DVQ	RDL	BW-SS10-01 06/19/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	950.		U/	960.
Dibenzofuran (UG/KG)		U/	390.		U/	400.
2,4-Dinitrotoluene (UG/KG)		U/	390.		U/	400.
Diethylphthalate (UG/KG)		U/	390.		U/	400.
4-Chlorophenyl-phenylether (UG/KG)		U/	390.		U/	400.
Fluorene (UG/KG)		U/	390.		U/	400.
4-Nitroaniline (UG/KG)		U/	950.		U/	960.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	950.		U/	960.
N-nitrosodiphenylamine (UG/KG)		U/	390.		U/	400.
4-Bromophenyl-phenylether (UG/KG)		U/	390.		U/	400.
Hexachlorobenzene (UG/KG)		U/	390.		U/	400.
Pentachlorophenol (UG/KG)		U/	950.		U/	960.
Phenanthrene (UG/KG)		U/	390.	600.	/	400.
Anthracene (UG/KG)		U/	390.	65.	J/	400.
Di-n-butylphthalate (UG/KG)		B/U	580.		U/	400.
Fluoranthene (UG/KG)	55.	J/	390.	1200.	/	400.
Pyrene (UG/KG)	63.	J/	390.	1400.	/	400.
Butylbenzylphthalate (UG/KG)		U/	390.	90.	J/	400.
3,3'-Dichlorobenzidine (UG/KG)		U/	390.		U/	400.
Benzo(a)anthracene (UG/KG)		U/	390.	490.	/	400.
Chrysene (UG/KG)	45.	J/	390.	620.	/	400.
bis(2-ethylhexyl)phthalate (UG/KG)	62.	J/	390.	58.	J/	400.
Di-n-octyl Phthalate (UG/KG)		U/	390.		U/	400.
Benzo(b)fluoranthene (UG/KG)	100.	JX/	390.	1400.	X/	400.
Benzo(k)fluoranthene (UG/KG)	100.	JX/	390.	1400.	X/	400.
Benzo(a)pyrene (UG/KG)	49.	J/	390.	510.	/	400.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	390.	580.	/	400.
Dibenz(a,h)anthracene (UG/KG)		U/	390.	210.	J/	400.
Benzo(g,h,i)perylene (UG/KG)		U/	390.	550.	/	400.
Carbazole (UG/KG)		U/	390.	62.	J/	400.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SSB Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS09-01 06/19/92			BW-SS10-01 06/19/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroethyl) ether (UG/KG)		U/	390.		U/	400.
2-Chlorophenol (UG/KG)		U/	390.		U/	400.
1,3-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
1,4-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
1,2-Dichlorobenzene (UG/KG)		U/	390.		U/	400.
2-Methylphenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	390.		U/	400.
4-Methylphenol (UG/KG)		U/	390.		U/	400.
N-Nitroso-di-n-propylamine (UG/KG)		U/	390.		U/	400.
Hexachloroethane (UG/KG)		U/	390.		U/	400.
Nitrobenzene (UG/KG)		U/	390.		U/	400.
Isophorone (UG/KG)		U/	390.		U/	400.
2-Nitrophenol (UG/KG)		U/	390.		U/	400.
2,4-Dimethylphenol (UG/KG)		U/	390.		U/	400.
bis(2-Chloroethoxy)methane (UG/KG)		U/	390.		U/	400.
2,4-Dichlorophenol (UG/KG)		U/	390.		U/	400.
1,2,4-Trichlorobenzene (UG/KG)		U/	390.		U/	400.
Naphthalene (UG/KG)		U/	390.		U/	400.
4-Chloroaniline (UG/KG)		U/	390.		U/	400.
Hexachlorobutadiene (UG/KG)		U/	390.		U/	400.
4-Chloro-3-methylphenol (UG/KG)		U/	390.		U/	400.
2-Methylnaphthalene (UG/KG)		U/	390.		U/	400.
Hexachlorocyclopentadiene (UG/KG)		U/	390.		U/	400.
2,4,6-Trichlorophenol (UG/KG)		U/	390.		U/	400.
2,4,5-Trichlorophenol (UG/KG)		U/	950.		U/	960.
2-Chloronaphthalene (UG/KG)		U/	390.		U/	400.
2-Nitroaniline (UG/KG)		U/	950.		U/	960.
Dimethylphthalate (UG/KG)		U/	390.		U/	400.
Acenaphthylene (UG/KG)		U/	390.		U/	400.
2,6-Dinitrotoluene (UG/KG)		U/	390.		U/	400.
3-Nitroaniline (UG/KG)		U/	950.		U/	960.
Acenaphthene (UG/KG)		U/	390.		U/	400.
2,4-Dinitrophenol (UG/KG)		U/	950.		U/	960.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SSB Type: SVOC

Parameter	BW-SS09-01 06/19/92 CONC	LQ/DVQ	RDL	BW-SS10-01 06/19/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	950.		U/	960.
Dibenzofuran (UG/KG)		U/	390.		U/	400.
2,4-Dinitrotoluene (UG/KG)		U/	390.		U/	400.
Diethylphthalate (UG/KG)		U/	390.		U/	400.
4-Chlorophenyl-phenylether (UG/KG)		U/	390.		U/	400.
Fluorene (UG/KG)		U/	390.		U/	400.
4-Nitroaniline (UG/KG)		U/	950.		U/	960.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	950.		U/	960.
N-nitrosodiphenylamine (UG/KG)		U/	390.		U/	400.
4-Bromophenyl-phenylether (UG/KG)		U/	390.		U/	400.
Hexachlorobenzene (UG/KG)		U/	390.		U/	400.
Pentachlorophenol (UG/KG)		U/	950.		U/	960.
Phenanthrene (UG/KG)		U/	390.	600.	/	400.
Anthracene (UG/KG)		U/	390.	65.	J/	400.
Di-n-butylphthalate (UG/KG)		B/U	580.		U/	400.
Fluoranthene (UG/KG)	55.	J/	390.	1200.	/	400.
Pyrene (UG/KG)	63.	J/	390.	1400.	/	400.
Butylbenzylphthalate (UG/KG)		U/	390.	90.	J/	400.
3,3'-Dichlorobenzidine (UG/KG)		U/	390.		U/	400.
Benzo(a)anthracene (UG/KG)		U/	390.	490.	/	400.
Chrysene (UG/KG)	45.	J/	390.	620.	/	400.
bis(2-ethylhexyl)phthalate (UG/KG)	62.	J/	390.	58.	J/	400.
Di-n-octyl Phthalate (UG/KG)		U/	390.		U/	400.
Benzo(b)fluoranthene (UG/KG)	100.	JX/	390.	1400.	X/	400.
Benzo(k)fluoranthene (UG/KG)	100.	JX/	390.	1400.	X/	400.
Benzo(a)pyrene (UG/KG)	49.	J/	390.	510.	/	400.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	390.	580.	/	400.
Dibenz(a,h)anthracene (UG/KG)		U/	390.	210.	J/	400.
Benzo(g,h,i)perylene (UG/KG)		U/	390.	550.	/	400.
Carbazole (UG/KG)		U/	390.	62.	J/	400.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SSB
Generated by: CAW
Date Issued: 30-APR-93

BW-SS09-01 06/19/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	710.	J/
Unknown (UG/KG)	240.	J/
Unknown phthalate (UG/KG)	120.	J/
Unknown (UG/KG)	550.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	79.	J/
Unknown (UG/KG)	360.	J/
Unknown (UG/KG)	320.	J/
Unknown (UG/KG)	1200.	J/
Unknown (UG/KG)	3000.	J/
Unknown (UG/KG)	360.	J/
Unknown (UG/KG)	1700.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	200.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	200.	J/
Unknown (UG/KG)	1100.	J/

BW-SS10-01 06/19/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	240.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	1700.	J/
Unknown (UG/KG)	280.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	600.	J/
Unknown (UG/KG)	80.	J/
Unknown (UG/KG)	400.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	240.	J/
Unknown (UG/KG)	160.	J/
Unknown (UG/KG)	120.	J/
Unknown (UG/KG)	200.	J/
Unknown (UG/KG)	320.	J/
Unknown (UG/KG)	440.	J/
Unknown (UG/KG)	2200.	J/
Unknown PAH (UG/KG)	360.	J/
Unknown (UG/KG)	880.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SSB Type: SLIND MTL
Generated by: CAW
Date Issued: 30-APR-93

	BW-SS09-01 06/19/92			BW-SS10-01 06/19/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	62.6	/	0.1	64.8	/	0.1
Aluminum (MG/KG)	11800.	/	12.3	17000.	/	14.6
Antimony (MG/KG)		UN/R	12.3		UN/R	14.6
Arsenic (MG/KG)	6.9	/	0.48	4.2	K/	0.45
Barium (MG/KG)	143.	/	2.5	167.	/	2.9
Beryllium (MG/KG)		U/	1.2		U/	1.5
Cadmium (MG/KG)	4.4	/	1.2	9.7	/	1.5
Calcium (MG/KG)	10400.	/	245.	12300.	/	293.
Chromium, total (MG/KG)	18.4	*/	2.5	77.3	*/	2.9
Cobalt (MG/KG)	14.5	/	2.5	10.	K/	2.9
Copper (MG/KG)	15.9	/	2.5	58.	/	2.9
Iron (MG/KG)	21600.	/	4.8	24200.	/	5.8
Lead (MG/KG)	25.5	N/J	0.71	38.7	N/J	0.68
Magnesium (MG/KG)	7120.	/	245.	6210.	/	293.
Manganese (MG/KG)	1250.	/	2.5	300.	/	2.9
Mercury (MG/KG)		U/	0.07	0.1	/	0.06
Nickel (MG/KG)	20.1	/	4.8	29.3	/	5.8
Potassium (MG/KG)	1720.	/	24.5	1210.	K/	29.3
Selenium (MG/KG)		UNS/UJ	0.48	0.58	KNS/J	0.45
Silver (MG/KG)		U/	2.5		U/	2.9
Sodium (MG/KG)		U/	490.		U/	586.
Thallium (MG/KG)		U/	0.71		U/	0.68
Vanadium (MG/KG)	32.1	/	12.3	43.4	/	14.6
Zinc (MG/KG)	76.7	/	2.5	153.	/	2.9
Cyanide (MG/KG)		U/	2.		U/	1.9

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-4

GROUNDWATER SAMPLING DATA

B-4

GROUNDWATER SAMPLING DATA

B-4a

GROUNDWATER SAMPLING DATA
ROUND 1

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC
Generated by: CAW
Date Issued: 21-JAN-92

	BW-GWFB01-01 09/17/91			BW-GWFB02-01 09/18/91			BW-GWFB03-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)	3.	J/	10.	3.	BJ/	10.	3.	BJ/	10.
Acetone (UG/L)	9.	J/	10.		U/	10.	10.	/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)	2.	J/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG108-01 09/17/91			BW-GWG117-01 09/17/91			BW-GWG117-91 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Bromomethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Vinyl chloride (UG/L)		U/	10.		U/R	10.		U/R	10.
Chloroethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Methylene chloride (UG/L)		U/	10.		U/R	10.		U/R	10.
Acetone (UG/L)		U/	10.		U/R	10.		U/R	10.
Carbon disulfide (UG/L)		U/	10.		U/R	10.		U/R	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/R	10.		U/R	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/R	10.		J/R	1.
1,2-Dichloroethene (total) (UG/L)		U/	10.		J/R	2.		J/R	5.
Chloroform (UG/L)		U/	10.		U/R	10.		U/R	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/R	10.		U/R	10.
2-Butanone (UG/L)		U/	10.		U/R	10.		U/R	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Carbon tetrachloride (UG/L)		U/	10.		U/R	10.		U/R	10.
Bromodichloromethane (UG/L)		U/	10.		U/R	10.		U/R	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/R	10.		U/R	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/R	10.		U/R	10.
Trichloroethene (UG/L)		U/	10.		U/R	10.		/R	68.
Dibromochloromethane (UG/L)		U/	10.		U/R	10.		U/R	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Benzene (UG/L)		U/	10.		U/R	10.		U/R	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/R	10.		U/R	10.
Bromoform (UG/L)		U/	10.		U/R	10.		U/R	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/R	10.		U/R	10.
2-Hexanone (UG/L)		U/	10.		U/R	10.		U/R	10.
Tetrachloroethene (UG/L)		U/	10.		U/R	10.		/R	14.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/R	10.		U/R	10.
Toluene (UG/L)		U/	10.		U/R	10.		U/R	10.
Chlorobenzene (UG/L)		U/	10.		U/R	10.		U/R	10.
Ethylbenzene (UG/L)		U/	10.		U/R	10.		U/R	10.
Styrene (UG/L)		U/	10.		U/R	10.		U/R	10.
Xylenes (total) (UG/L)		U/	10.		U/R	10.		U/R	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG118D-01 09/18/91			BW-GWG118S-01 09/18/91			BW-GWG119-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/R	25.
Bromomethane (UG/L)		U/	10.		U/	10.		U/R	25.
Vinyl chloride (UG/L)		U/	10.	18.	/	10.		U/R	25.
Chloroethane (UG/L)		U/	10.		U/	10.		J/R	22.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/R	25.
Acetone (UG/L)		U/	10.		U/	10.		U/R	25.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/R	25.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/R	25.
1,1-Dichloroethane (UG/L)		U/	10.	6.	J/	10.		U/R	25.
1,2-Dichloroethene (total) (UG/L)		U/	10.	46.	/	10.		U/R	25.
Chloroform (UG/L)		U/	10.		U/	10.		U/R	25.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/R	25.
2-Butanone (UG/L)		U/	10.		U/	10.		U/R	25.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/R	25.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/R	25.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/R	25.
1,2-Dichloropropane (UG/L)		U/	10.	1.	J/	10.		U/R	25.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/R	25.
Trichloroethene (UG/L)		U/	10.	1.	J/	10.		U/R	25.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/R	25.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/R	25.
Benzene (UG/L)		U/	10.		U/	10.		U/R	25.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/R	25.
Bromoform (UG/L)		U/	10.		U/	10.		U/R	25.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/R	25.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/R	25.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/R	25.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/R	25.
Toluene (UG/L)		U/	10.		U/	10.		U/R	25.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/R	25.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/R	25.
Styrene (UG/L)		U/	10.		U/	10.		U/R	25.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/R	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG121-01 09/16/91			BW-GWG121-91 09/16/91			BW-GWG122-01 09/16/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG123-01 09/16/91 CONC	LQ/DVQ	RDL	BW-GWG126-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWG127-01 09/17/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/R	20.		U/	10.
Bromomethane (UG/L)		U/	10.		U/R	20.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/R	20.	31.	/	10.
Chloroethane (UG/L)		U/	10.		U/R	20.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/R	20.		U/	10.
Acetone (UG/L)		U/	10.		U/R	20.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/R	20.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/R	20.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/R	20.	6.	J/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		J/R	5.	110.	/	10.
Chloroform (UG/L)		U/	10.		U/R	20.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/R	20.		U/	10.
2-Butanone (UG/L)		U/	10.		U/R	20.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/R	20.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/R	20.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/R	20.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/R	20.	2.	J/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/R	20.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/R	20.	13.	/	10.
Dibromochloromethane (UG/L)		U/	10.		U/R	20.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/R	20.		U/	10.
Benzene (UG/L)		U/	10.		U/R	20.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/R	20.		U/	10.
Bromoform (UG/L)		U/	10.		U/R	20.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/R	20.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/R	20.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/R	20.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/R	20.		U/	10.
Toluene (UG/L)		U/	10.		U/R	20.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/R	20.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/R	20.		U/	10.
Styrene (UG/L)		U/	10.		U/R	20.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/R	20.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG128D-01 09/18/91			BW-GWG128S-01 09/18/91			BW-GWG129-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.	5.	J/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.	5.	J/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.	16.	/	10.	2.	J/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.	1.	J/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.	3.	J/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG130-01 09/17/91			BW-GWG133D-01 09/17/91			BW-GWG133S-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)	15.	/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)	12.	/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG134D-01 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG134D-91 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG135-01 09/19/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG136-01 09/18/91			BW-GWG138-01 09/19/91			BW-GWG139-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.	1.	J/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.	1.	J/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.	5.	J/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG140D-01 09/19/91 CONC	LQ/DVQ	RDL	BW-GWMW140S-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWMW141D-01 09/19/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)	2.	J/	10.	3.	J/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)	2.	J/	10.	2.	J/	10.	2.	J/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)	1.	J/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)	5.	J/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWTB01-01 09/16/91			BW-GWTB02-01 09/17/91			BW-GWTB03-01 09/18/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)	3.	J/	10.	2.	J/	10.	1.	BJ/	10.
Acetone (UG/L)	10.	/	10.	6.	J/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWT804-01 09/19/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.
Bromomethane (UG/L)		U/	10.
Vinyl chloride (UG/L)		U/	10.
Chloroethane (UG/L)		U/	10.
Methylene chloride (UG/L)	2.	BJ/	10.
Acetone (UG/L)		U/	10.
Carbon disulfide (UG/L)		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.
Chloroform (UG/L)		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.
2-Butanone (UG/L)		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.
Carbon tetrachloride (UG/L)		U/	10.
Bromodichloromethane (UG/L)		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.
Trichloroethene (UG/L)		U/	10.
Dibromochloromethane (UG/L)		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.
Benzene (UG/L)		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.
Bromoform (UG/L)		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.
2-Hexanone (UG/L)		U/	10.
Tetrachloroethene (UG/L)		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.
Toluene (UG/L)		U/	10.
Chlorobenzene (UG/L)		U/	10.
Ethylbenzene (UG/L)		U/	10.
Styrene (UG/L)		U/	10.
Xylenes (total) (UG/L)		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC
Generated by: SEM
Date Issued: 21-JAN-92

	BW-GWFB01-01 09/17/91			BW-GWFB02-01 09/18/91			BW-GWFB03-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)	1.	J/	10.		U/	10.	5.	J/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG108-01 09/17/91			BW-GWG117-01 09/17/91			BW-GWG117-91 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG118D-01 09/18/91			BW-GWG118S-01 09/18/91			BW-GWG119-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG121-01 09/16/91			BW-GWG121-91 09/16/91			BW-GWG122-01 09/16/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG123-01 09/16/91			BW-GWG126-01 09/17/91			BW-GWG127-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	33.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	33.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	33.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	33.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	33.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	33.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	33.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	33.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	33.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	33.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	33.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	33.
Isophorone (UG/L)		U/	10.		U/	10.		U/	33.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	33.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	33.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	33.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	33.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	33.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	33.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	33.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	33.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	33.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	33.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	33.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	33.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	83.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	33.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	83.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	33.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	33.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	33.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	83.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	33.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	83.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG128D-01 09/18/91			BW-GWG128S-01 09/18/91			BW-GWG129-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG130-01 09/17/91			BW-GWG133D-01 09/17/91			BW-GWG133S-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG134D-01 09/18/91			BW-GWG134D-91 09/18/91			BW-GWG135-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG136-01 09/18/91			BW-GWG138-01 09/19/91			BW-GWG139-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		/U	32.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG140D-01 09/19/91			BW-GWMW140S-01 09/17/91			BW-GWMW141D-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWFB01-01 09/17/91			BW-GWFB02-01 09/18/91			BW-GWFB03-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG108-01 09/17/91			BW-GWG117-01 09/17/91			BW-GWG117-91 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG118D-01 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG118S-01 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG119-01 09/17/91 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG121-01 09/16/91			BW-GWG121-91 09/16/91			BW-GWG122-01 09/16/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG123-01 09/16/91			BW-GWG126-01 09/17/91			BW-GWG127-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	83.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	33.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	33.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	33.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	33.
Fluorene (UG/L)		U/	10.		U/	10.		U/	33.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	83.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	83.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	33.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	33.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	33.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	83.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	33.
Anthracene (UG/L)		U/	10.		U/	10.		U/	33.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	33.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	33.
Pyrene (UG/L)		U/	10.		U/	10.		U/	33.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	33.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	33.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	33.
Chrysene (UG/L)		U/	10.		U/	10.		U/	33.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	33.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	33.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	33.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	33.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	33.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	33.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	33.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	33.
Carbazole (UG/L)		U/	10.		U/	10.		U/	33.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
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Matrix: GW Type: SVOC

Parameter	BW-GWG128D-01 09/18/91			BW-GWG128S-01 09/18/91			BW-GWG129-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG130-01 09/17/91			BW-GWG133D-01 09/17/91			BW-GWG133S-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG134D-01 09/18/91			BW-GWG134D-91 09/18/91			BW-GWG135-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG136-01 09/18/91			BW-GWG138-01 09/19/91			BW-GWG139-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.	29.	/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthere (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG140D-01 09/19/91 CONC	LQ/DVQ	RDL	BW-GWMW140S-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWMW141D-01 09/19/91 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.	1.	J/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB
Generated by: SEM
Date Issued: 21-JAN-92

	BW-GWFB01-01 09/17/91			BW-GWFB02-01 09/18/91			BW-GWFB03-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.12		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.12		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.12		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.12		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.12		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.12		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.12		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.12		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.25		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.25		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.25		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.25		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.25		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.25		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.25		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	1.2		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.25		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.12		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.12		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	12.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	2.5		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	5.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	2.5		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	2.5		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	2.5		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	2.5		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	2.5		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.25		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG108-01 09/17/91			BW-GWG117-01 09/17/91			BW-GWG117-91 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG118D-01 09/18/91			BW-GWG118S-01 09/18/91			BW-GWG119-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG121-01 09/16/91			BW-GWG121-91 09/16/91			BW-GWG122-01 09/16/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

Parameter	BW-GWG123-01 09/16/91			BW-GWG126-01 09/17/91			BW-GWG127-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG128D-01 09/18/91			BW-GWG128S-01 09/18/91			BW-GWG129-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG130-01 09/17/91			BW-GWG133D-01 09/17/91			BW-GWG133S-01 09/17/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

Parameter	BW-GWG134D-01 09/18/91			BW-GWG134D-91 09/18/91			BW-GWG135-01 09/19/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG136-01 09/18/91			BW-GWG138-01 09/19/91			BW-GWG139-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG140D-01 09/19/91			BW-GWMW140S-01 09/17/91			BW-GWMW141D-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW
Generated by: SEM
Date Issued: 22-JAN-92

BW-GWFB01-01 09/17/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	9.	J/
Unknown (UG/L)	2.	J/
Unknown (UG/L)	74.	J/
Unknown (UG/L)	79.	J/
Trimethylpentyl phenol (UG/L)	130.	J/
Unknown (UG/L)	14.	J/

BW-GWFB02-01 09/18/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Tetramethylbutyl phenol (UG/L)	7.	J/
Nonylphenol (UG/L)	8.	J/
Nonylphenol (UG/L)	7.	J/
Unknown (UG/L)	3.	J/
Unknown (UG/L)	4.	J/
Tetramethylbutyl phenol (UG/L)	9.	J/
Nonylphenol (UG/L)	3.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWFB03-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown cyclic hydrocarbon (UG/L)	3.	J/
Unknown (UG/L)	5.	J/
Dimethylethylphenol (UG/L)	3.	J/
Unknown (UG/L)	17.	J/
Tetramethylbutyl phenol (UG/L)	37.	J/
Unknown (UG/L)	34.	J/
Nonylphenol (UG/L)	34.	J/
Unknown (UG/L)	14.	J/
Unknown alkylphenol (UG/L)	15.	J/
Unknown (UG/L)	27.	J/
Tetramethylbutyl phenol (UG/L)	45.	J/
Unknown (UG/L)	10.	J/
Nonylphenol (UG/L)	17.	J/
Unknown (UG/L)	3.	J/
Unknown (UG/L)	3.	J/
Unknown (UG/L)	9.	J/
Unknown ester hexanedioic acid (UG/L)	4.	J/

BW-GWG118D-01 09/18/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/

BW-GWG118S-01 09/18/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	9.	J/
Unknown (UG/L)	6.	J/
Unknown (UG/L)	7.	J/
Unknown (UG/L)	4.	J/
Unknown alkane (UG/L)	4.	J/
Unknown (UG/L)	5.	J/
Unknown (UG/L)	6.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG119-01 09/17/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Ethanol, 2-(2-ethoxyethoxy)- (UG/L)	8.	JN/
Unknown (UG/L)	15.	J/
Unknown (UG/L)	5.	J/
Unknown (UG/L)	11.	J/
Unknown substituted propanol (UG/L)	17.	JN/
Unknown hydrocarbon (UG/L)	11.	J/
Unknown (UG/L)	4.	J/
Benzamide, n,n-diethyl-3-methy (UG/L)	2.	JN/
Unknown (UG/L)	2.	J/
Unknown (UG/L)	16.	J/

BW-GWG121-01 09/16/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/

BW-GWG121-91 09/16/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/

BW-GWG122-01 09/16/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	7.	J/
Unknown (UG/L)	26.	J/
Unknown (UG/L)	10.	J/
Unknown (UG/L)	6.	J/
Unknown (UG/L)	4.	J/
Unknown (UG/L)	4.	J/
Unknown (UG/L)	3.	J/
Unknown (UG/L)	23.	J/
Unknown (UG/L)	9.	J/
Unknown (UG/L)	2.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG123-01 09/16/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	2.	J/

BW-GWG127-01 09/17/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	17.	J/

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Hydrazine, trimethyl- (UG/L)	9.	JN/

BW-GWG128D-01 09/18/91

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Naphthalene (UG/L)	15.	J/

BW-GWG128S-01 09/18/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	4.	J/
2-Furancarboxaldehyde, 5-methy (UG/L)	5.	J/
Dimethyl oxetane (UG/L)	12.	J/
Dimethyl oxetane (UG/L)	82.	J/

BW-GWG129-01 09/17/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	3.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG135-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	21.	J/
Hexanoic acid (UG/L)	3.	JN/
Unknown (UG/L)	18.	J/
Unknown (UG/L)	12.	J/
Unknown (UG/L)	4.	J/
Fluoranitrophenol (UG/L)	3.	J/
Hexanoic acid, 6-amino- (UG/L)	3.	JN/
Unknown (UG/L)	6.	J/
Unknown (UG/L)	3.	J/
Unknown (UG/L)	2.	J/

BW-GWG136-01 09/18/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	2.	J/

BW-GWG138-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	6.	J/

BW-GWG139-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	20.	J/

BW-GWG140D-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	14.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWMW141D-01 09/19/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND
Generated by: CAW
Date Issued: 21-JAN-92

	BW-GWFB01-01 09/17/91			BW-GWFB02-01 09/18/91			BW-GWFB03-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)		U/	10.		U/	10.		U/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)		K/U	1090.		U/	1000.		U/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)	22.	K/	10.	10.	K/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	1550.	K/	100.	730.	K/	100.	790.	K/	100.
Selenium (UG/L)		U*/	2.		U*/	2.		U*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)		U/	2000.		U/	2000.	2540.	K/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U*/	10.		U*/	10.	18.	K*/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)		U/	5.		U/	5.		U/	5.
Chloride (MG/L)		U/	1.		U/	1.		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1	0.11	/	0.1		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)		U/	0.1	0.14	/	0.1	0.16	/	0.1
Sulfate (MG/L)		U/	5.		U/	5.		U/	5.
Total Dissolved Solids (MG/L)		U/	20.	24.	/	20.		U/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

Parameter	BW-GWG108-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWG117-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWG117-91 09/17/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		US/	2.		U/	2.		U/	2.
Barium (UG/L)		K/U	82.		K/U	95.		K/U	92.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	152000.	/	1000.	118000.	/	1000.	116000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.	1350.	/	20.	1530.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	69300.	/	1000.	47800.	/	1000.	47300.	/	1000.
Manganese (UG/L)		U/	10.	124.	/	10.	122.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		K/U	3670.		K/U	4890.		K/U	4740.
Selenium (UG/L)		US*/UJ	2.		US*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)		/U	10900.	32100.	/	2000.	31500.	/	2000.
Thallium (UG/L)		U/	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		*/UJ	34.		K*/U	13.		K*/U	11.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	460.	/	5.	324.	/	5.	322.	/	5.
Chloride (MG/L)	33.	/	1.	65.	/	1.	65.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	1.27	/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		U/	0.1	0.12	/J	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.66	/	0.1	0.3	/	0.1	0.28	/	0.1
Sulfate (MG/L)	198.	/	5.	156.	/	5.	161.	/	5.
Total Dissolved Solids (MG/L)	846.	/	20.	672.	/	20.	652.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

	BW-GWG118D-01 09/18/91			BW-GWG118S-01 09/19/91			BW-GWG119-01 09/18/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		US/	2.	3.9	K/	2.	18.4	/	2.
Barium (UG/L)		K/U	68.		K/U	88.	632.	/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	88600.	/	1000.	137000.	/	1000.	171000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		/U	168.	13800.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	54200.	/	1000.	20600.	/	1000.	97500.	/	1000.
Manganese (UG/L)	28.	/	10.	1450.	/	10.	19.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.	66.	/	20.	74.	/	20.
Potassium (UG/L)		K/U	4460.		K/U	2210.	41300.	K/	100.
Selenium (UG/L)		U*/	2.		U*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	64900.	/	2000.		/U	9070.	176000.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		*/U	23.	99.	*/	10.		*/U	77.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	336.	/	5.	434.	/	5.	966.	/	5.
Chloride (MG/L)	127.	/	1.	33.	/	1.	322.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.22	/	0.02	0.55	/	0.02	0.03	/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1	0.38	/	0.1	28.1	/	0.1
Nitrogen, Total Kjeldahl (MG/L)		/U	0.31	1.09	/	0.1	41.1	/	0.1
Sulfate (MG/L)	90.	/	5.	130.	/	5.	10.	/	5.
Total Dissolved Solids (MG/L)	648.	/	20.	670.	/	20.	1430.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

Parameter	BW-GWG121-01 09/16/91 CONC	LQ/DVQ	RDL	BW-GWG121-91 09/16/91 CONC	LQ/DVQ	RDL	BW-GWG122-01 09/16/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	51.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)		K/U	29.		K/U	29.		K/U	70.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	75900.	/	1000.	72900.	/	1000.	112000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	38000.	/	1000.	36200.	/	1000.	55800.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.	226.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		K/U	3580.		K/U	3120.		K/U	3350.
Selenium (UG/L)		U*/	2.		U*/	2.		U*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)		/U	11700.		/U	10400.	50900.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		*/UJ	60.	123.	*/J	10.	124.	*/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	250.	/	5.	248.	/	5.	358.	/	5.
Chloride (MG/L)	35.	/	1.	35.	/	1.	94.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.72	/	0.02	0.76	/	0.02	0.61	/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		U/	0.1		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.21	/	0.1	0.18	/	0.1	0.1	/	0.1
Sulfate (MG/L)	73.	/	5.	72.	/	5.	132.	/	5.
Total Dissolved Solids (MG/L)	392.	/	20.	406.	/	20.	712.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

Parameter	BW-GWG123-01 09/16/91			BW-GWG126-01 09/17/91			BW-GWG127-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.	7.	K/	2.
Barium (UG/L)		K/U	47.		K/U	95.		K/U	166.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	113000.	/	1000.	111000.	/	1000.	166000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		K/U	17.
Iron (UG/L)		U/	20.		U/	20.	12400.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	54000.	/	1000.	61700.	/	1000.	62900.	/	1000.
Manganese (UG/L)	30.	/	10.	484.	/	10.	304.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		K/U	3510.		/U	6120.		/U	7830.
Selenium (UG/L)		U*/	2.		US*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	29800.	/	2000.	109000.	/	2000.	43200.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U*/	10.		*/U	46.		*/U	23.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	295.	/	5.	420.	/	5.	510.	/	5.
Chloride (MG/L)	58.	/	1.	216.	/	1.	72.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.04	/	0.02	0.02	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		U/	0.1	1.08	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.23	/	0.1	0.24	/	0.1	1.79	/	0.1
Sulfate (MG/L)	656.	/	5.	142.	/	5.	138.	/	5.
Total Dissolved Solids (MG/L)	184.	/	20.	940.	/	20.	850.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL INO

Parameter	BW-GWG128D-01 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG128S-01 09/18/91 CONC	LQ/DVQ	RDL	BW-GWG129-01 09/17/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.	10.1	/	2.		US/	2.
Barium (UG/L)		K/U	79.		K/U	102.		K/U	66.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	112000.	/	1000.	159000.	/	1000.	130000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	631.	/	20.	13900.	/	20.	291.	/	20.
Lead (UG/L)		U/	3.		U/	3.		US/	3.
Magnesium (UG/L)	45600.	/	1000.	52100.	/	1000.	59700.	/	1000.
Manganese (UG/L)	50.	/	10.	109.	/	10.	128.	/	10.
Mercury (UG/L)		U/	0.2	0.29	/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		K/U	4160.		K/U	4240.		/U	5070.
Selenium (UG/L)		US*/	2.		US*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	35600.	/	2000.	26200.	/	2000.	84000.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		K*/U	18.		K*/U	19.		*/U	29.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	322.	/	5.	417.	/	5.	321.	/	5.
Chloride (MG/L)	65.	/	1.	45.	/	1.	148.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02	0.02	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.2		/U	0.34	0.25	/	0.1
Nitrogen, Total Kjeldahl (MG/L)		/U	0.46	0.81	/	0.1	0.65	/	0.1
Sulfate (MG/L)	127.	/	5.	163.	/	5.	262.	/	5.
Total Dissolved Solids (MG/L)	590.	/	20.	750.	/	20.	948.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

Parameter	BW-GWG130-01 09/17/91			BW-GWG133D-01 09/17/91			BW-GWG133S-01 09/17/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		US/	2.		US/	2.
Barium (UG/L)		K/U	129.		K/U	86.		K/U	73.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	144000.	/	1000.	84100.	/	1000.	129000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		K/U	64.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		US/	3.		US/	3.
Magnesium (UG/L)	71900.	/	1000.	9030.	/	1000.	59800.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		K/U	4610.		/U	6270.		/U	6040.
Selenium (UG/L)		US*/	2.		US*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	70000.	/	2000.	128000.	/	2000.	149000.	/	2000.
Thallium (UG/L)		U/UJ	3.		US/	3.		US/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U*/	10.		U*/	10.		U*/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	489.	/	5.	20.	/	5.	343.	/	5.
Chloride (MG/L)	166.	/	1.	269.	/	1.	247.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.06	/	0.02	0.05	/	0.02	0.32	/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1	0.22	/	0.1		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.29	/	0.1	0.54	/	0.1	0.34	/	0.1
Sulfate (MG/L)	137.	/	5.	149.	/	5.	213.	/	5.
Total Dissolved Solids (MG/L)	952.	/	20.	826.	/	20.	1080.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

	BW-GWG134D-01 09/18/91			BW-GWG134D-91 09/18/91			BW-GWG135-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		K/U	57.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		US/	2.		U/	2.
Barium (UG/L)		U/	10.		K/U	23.		K/U	28.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	16200.	/	1000.	14700.	/	1000.	27300.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		K/U	20.		U/	20.
Lead (UG/L)		U/	3,		U/	3.		U/	3.
Magnesium (UG/L)	31800.	/	1000.	31600.	/	1000.	9370.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		/U	5660.		/U	5420.	13100.	/	100.
Selenium (UG/L)		US*/	2.		US*/	2.		U*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	18000.	/	2000.	17300.	/	2000.	35600.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U*/	10.		U*/	10.		U*/	10.
Cyanide (UG/L)		U/	5.		U/	5.	11.	/	5.
Alkalinity, Total (MG/L)	148.	/	5.	149.	/	5.	74.	/	5.
Chloride (MG/L)	3.	/	1.	3.	/	1.	79.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02	1.98	/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.4		/U	0.4	3.31	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.71	/	0.1		/U	0.61	3.74	/	0.1
Sulfate (MG/L)	69.	/	5.	68.	/	5.	7.	/	5.
Total Dissolved Solids (MG/L)	218.	/	20.	236.	/	20.	260.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

	BW-GWG136-01 09/18/91			BW-GWG138-01 09/19/91			BW-GWG139-01 09/19/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		US/	2.		U/	2.		US/	2.
Barium (UG/L)		/U	209.		K/U	89.		K/U	65.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	93200.	/	1000.	96500.	/	1000.	55100.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		K/U	45.		K/U	76.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)		U/	1000.	48700.	/	1000.	43000.	/	1000.
Manganese (UG/L)		U/	10.	131.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	12900.	/	100.		K/U	3740.		K/U	2120.
Selenium (UG/L)		U*/	2.		US*/	2.		U*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	29500.	/	2000.	46000.	/	2000.	26000.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U*/	10.		*/U	66.		K*/U	12.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	194.	/	5.	353.	/	5.	329.	/	5.
Chloride (MG/L)	70.	/	1.	91.	/	1.	13.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02	0.33	/	0.02
Nitrogen, Ammonia (MG/L)	0.94	/	0.1		U/	0.1	0.1	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	2.57	/	0.1		/U	0.26		/U	0.31
Sulfate (MG/L)	44.	/	5.	112.	/	5.	37.	/	5.
Total Dissolved Solids (MG/L)	404.	/	20.	708.	/	20.	428.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: MTL IND

Parameter	BW-GWG140D-01 09/19/91 CONC	LQ/DVQ	RDL	BW-GWMW140S-01 09/17/91 CONC	LQ/DVQ	RDL	BW-GWMW141D-01 09/19/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	63.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		US/	2.
Barium (UG/L)		K/U	76.		K/U	69.		K/U	84.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	103000.	/	1000.	104000.	/	1000.	107000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		K/U	25.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	46500.	/	1000.	47300.	/	1000.	47400.	/	1000.
Manganese (UG/L)	15.	/	10.	52.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		/U	5830.		/U	5780.		K/U	4710.
Selenium (UG/L)		US*/	2.		U*/	2.		US*/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	49600.	/	2000.	30600.	/	2000.	54900.	/	2000.
Thallium (UG/L)		U/	3.		U/UJ	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)	115.	*/	10.		K*/U	10.		*/U	29.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	364.	/	5.	371.	/	5.	364.	/	5.
Chloride (MG/L)	89.	/	1.	51.	/	1.	110.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.14	/	0.02	0.17	/	0.02	0.12	/	0.02
Nitrogen, Ammonia (MG/L)	0.1	/	0.1		U/	0.1	0.16	/	0.1
Nitrogen, Total Kjeldahl (MG/L)		/U	0.31	0.32	/	0.1		/U	0.32
Sulfate (MG/L)	100.	/	5.	94.	/	5.	109.	/	5.
Total Dissolved Solids (MG/L)	650.	/	20.	556.	/	20.	680.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-4b

GROUNDWATER SAMPLING DATA
ROUND 2

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC
Generated by: CAW
Date Issued: 08-APR-92

	BW-GWFB01-02 01/27/92			BW-GWFB02-02 01/28/92			BW-GWFB03-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	47.		B/U	62.		B/U	25.
Acetone (UG/L)	16.	/	10.	26.	/	10.		J/U	8.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)	1.	J/J	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG108-02 01/28/92			BW-GWG108-92 01/28/92			BW-GWG117-02 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		B/U	17.
Acetone (UG/L)		U/	10.		/U	11.		/U	17.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.	1.	J/J	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG118D-02 01/28/92			BW-GWG118S-02 01/29/92			BW-GWG119-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.	4.	J/	10.	15.	/	10.
Methylene chloride (UG/L)		B/U	37.		B/U	48.		B/U	22.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.	7.	J/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.	120.	/	10.	2.	J/J	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.	1.	J/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.	3.	J/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.	18.	/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.	2.	J/J	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.	4.	J/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG121-02 01/28/92			BW-GWG122-02 01/27/92			BW-GWG123-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	71.		B/U	19.		B/U	50.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG126-02 01/28/92			BW-GWG127-02 01/30/92			BW-GWG128D-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.	21.	/J	10.		U/	10.
Chloroethane (UG/L)		U/	10.	1.	J/	10.		U/	10.
Methylene chloride (UG/L)		B/U	40.		B/U	14.		B/U	33.
Acetone (UG/L)		U/	10.		/U	21.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)	2.	J/J	10.	5.	J/J	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)	7.	J/J	10.	98.	/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.	2.	J/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)	2.	J/J	10.	10.	/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.	1.	J/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG128S-02 01/29/92			BW-GWG129-02 01/28/92			BW-GWG130-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)	17.	B/	10.		B/U	48.		B/U	48.
Acetone (UG/L)		U/	10.		/U	12.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)	8.	J/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)	24.	/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)	5.	J/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWG130-92 01/29/92			BW-GWG133D-02 01/27/92			BW-GWG133S-02 01/27/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	10.		B/U	18.		B/U	14.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG133S-92 01/27/92			BW-GWG134D-02 01/29/92			BW-GWG135-02 11/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	18.		U/	10.		B/U	65.
Acetone (UG/L)		U/	10.		U/	10.		/U	15.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG136-02 01/29/92			BW-GWG138-02 01/29/92			BW-GWG139-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		BJ/U	9.		B/U	52.		B/U	21.
Acetone (UG/L)		U/	10.		U/	10.		/U	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

	BW-GWG140D-02 01/29/92			BW-GWG140S-02 01/29/92			BW-GWG141D-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	34.		B/U	37.		B/U	26.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.	1.	J/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)	3.	J/	10.	6.	J/	10.	2.	J/	10.
1,2-Dichloroethene (total) (UG/L)	3.	J/	10.	5.	J/	10.	2.	J/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.	1.	J/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWTB01-02 01/27/92			BW-GWTB02-02 01/28/92			BW-GWTB03-02 01/29/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		B/U	11.	110.	B/	10.		B/U	100.
Acetone (UG/L)		U/	10.		U/	10.	29.	/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: VOC

Parameter	BW-GWTB04-02 01/30/92 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.
Bromomethane (UG/L)		U/	10.
Vinyl chloride (UG/L)		U/	10.
Chloroethane (UG/L)		U/	10.
Methylene chloride (UG/L)		B/U	17.
Acetone (UG/L)		U/	10.
Carbon disulfide (UG/L)		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.
Chloroform (UG/L)		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.
2-Butanone (UG/L)		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.
Carbon tetrachloride (UG/L)		U/	10.
Bromodichloromethane (UG/L)		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.
Trichloroethene (UG/L)		U/	10.
Dibromochloromethane (UG/L)		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.
Benzene (UG/L)		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.
Bromoform (UG/L)		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.
2-Hexanone (UG/L)		U/	10.
Tetrachloroethene (UG/L)		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.
Toluene (UG/L)		U/	10.
Chlorobenzene (UG/L)		U/	10.
Ethylbenzene (UG/L)		U/	10.
Styrene (UG/L)		U/	10.
Xylenes (total) (UG/L)		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC
Generated by: CAW
Date Issued: 08-APR-92

	BW-GWFB01-02 01/27/92			BW-GWFB02-02 01/28/92			BW-GWFB03-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG108-02 01/28/92			BW-GWG108-92 01/28/92			BW-GWG117-02 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG118D-02 01/28/92			BW-GWG118S-02 01/29/92			BW-GWG119-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG121-02 01/28/92			BW-GWG122-02 01/27/92			BW-GWG123-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG126-02 01/28/92			BW-GWG127-02 01/30/92			BW-GWG128D-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.	6.	J/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG128S-02 01/29/92			BW-GWG129-02 01/28/92			BW-GWG130-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG130-92 01/29/92			BW-GWG133D-02 01/27/92			BW-GWG133S-02 01/27/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG133S-92 01/27/92			BW-GWG134D-02 01/29/92			BW-GWG135-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.	2.	J/J	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG136-02 01/29/92			BW-GWG138-02 01/29/92			BW-GWG139-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)	23.	/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG140D-02 01/29/92			BW-GWG140S-02 01/29/92			BW-GWG141D-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWFB01-02 01/27/92			BW-GWFB02-02 01/28/92			BW-GWFB03-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG108-02 01/28/92			BW-GWG108-92 01/28/92			BW-GWG117-02 01/30/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG118D-02 01/28/92			BW-GWG118S-02 01/29/92			BW-GWG119-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)	1.	J/J	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.	3.	J/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG121-02 01/28/92			BW-GWG122-02 01/27/92			BW-GWG123-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)	33.	B/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG126-02 01/28/92			BW-GWG127-02 01/30/92			BW-GWG128D-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		B/U	18.	5.	J/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.	4.	J/	10.	3.	J/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG128S-02 01/29/92			BW-GWG129-02 01/28/92			BW-GWG130-02 01/29/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG130-92 01/29/92			BW-GWG133D-02 01/27/92			BW-GWG133S-02 01/27/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG133S-92 01/27/92			BW-GWG134D-02 01/29/92			BW-GWG135-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.	2.	J/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

	BW-GWG136-02 01/29/92			BW-GWG138-02 01/29/92			BW-GWG139-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.	2.	J/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.	1.	J/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: SVOC

Parameter	BW-GWG140D-02 01/29/92			BW-GWG140S-02 01/29/92			BW-GWG141D-02 01/29/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.	3.	J/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB
Generated by: CAW
Date Issued: 08-APR-92

	BW-GWFB01-02 01/27/92			BW-GWFB02-02 01/28/92			BW-GWFB03-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG108-02 01/28/92			BW-GWG108-92 01/28/92			BW-GWG117-02 01/30/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG118D-02 01/28/92			BW-GWG118S-02 01/29/92			BW-GWG119-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG121-02 01/28/92			BW-GWG122-02 01/27/92			BW-GWG123-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

Parameter	BW-GWG126-02 01/28/92			BW-GWG127-02 01/30/92			BW-GWG128D-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG128S-02 01/29/92			BW-GWG129-02 01/28/92			BW-GWG130-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG130-92 01/29/92			BW-GWG133D-02 01/27/92			BW-GWG133S-02 01/27/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG133S-92 01/27/92			BW-GWG134D-02 01/29/92			BW-GWG135-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG136-02 01/29/92			BW-GWG138-02 01/29/92			BW-GWG139-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: PPCB

	BW-GWG140D-02 01/29/92			BW-GWG140S-02 01/29/92			BW-GWG141D-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW
Generated by: CAW
Date Issued: 09-APR-92

BW-GWFB03-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Tetramethylbutylphenol (UG/L)	4.	J/

BW-GWG108-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	3.	J/JN
Unknown substituted phenol (UG/L)	3.	J/JN

BW-GWG118S-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown phthalate (UG/L)	2.	J/
Unknown (UG/L)	4.	J/
Unknown (UG/L)	5.	J/

BW-GWG119-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/JN
Unknown (UG/L)	11.	J/JN

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	18.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG121-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/JN

BW-GWG122-02 01/27/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/JN
Unknown (UG/L)	11.	J/JN
Unknown phthalate (UG/L)	3.	J/JN
Unknown (UG/L)	3.	J/JN

BW-GWG123-02 01/25/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/JN
Unknown (UG/L)	12.	J/JN
Unknown (UG/L)	10.	J/JN

BW-GWG127-02 01/30/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/
Unknown (UG/L)	6.	J/

BW-GWG128D-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown phthalate (UG/L)	4.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG128S-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Sulfur, mol. (S8) (UG/L)	3.	JN/

BW-GWG129-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/JN
Unknown (UG/L)	7.	J/JN
Unknown (UG/L)	3.	J/JN
Unknown hydrocarbon (UG/L)	3.	J/JN
Unknown hydrocarbon (UG/L)	4.	J/JN
Unknown (UG/L)	28.	J/JN
Unknown (UG/L)	21.	J/JN
Unknown hydrocarbon (UG/L)	34.	J/JN
Unknown hydrocarbon (UG/L)	15.	J/JN
Unknown (UG/L)	39.	J/JN
Unknown (UG/L)	40.	J/JN
Unknown (UG/L)	8.	J/JN
Unknown (UG/L)	8.	J/JN
Unknown hydrocarbon (UG/L)	13.	J/JN
Unknown (UG/L)	12.	J/JN
Unknown (UG/L)	4.	J/JN
Unknown (UG/L)	17.	J/JN
Unknown (UG/L)	21.	J/JN
Unknown (UG/L)	15.	J/JN
Unknown (UG/L)	14.	J/JN

BW-GWG133D-02 01/27/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/JN
Unknown (UG/L)	2.	J/JN
Unknown (UG/L)	3.	J/JN
Unknown (UG/L)	7.	J/JN
Unknown (UG/L)	21.	J/JN
Unknown (UG/L)	8.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG133S-02 01/27/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown phthalate (UG/L)	2.	J/JN

BW-GWG133S-92 01/27/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/JN
Unknown phthalate (UG/L)	2.	J/JN
Unknown (UG/L)	3.	J/JN

BW-GWG134D-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/

BW-GWG135-02 01/28/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/JN

BW-GWG136-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	3.	J/

BW-GWG138-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: GW

BW-GWG140D-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	12.	J/
Unknown (UG/L)	4.	J/
Unknown (UG/L)	150.	J/
Unknown (UG/L)	21.	J/
Methylpropylcyclohexane (UG/L)	110.	J/
Unknown (UG/L)	19.	J/

BW-GWG141D-02 01/29/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown phthalate (UG/L)	3.	J/
Unknown (UG/L)	5.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL
Generated by: CAW
Date Issued: 21-APR-92

	BW-GWFB01-02 01/27/92			BW-GWFB02-02 01/28/92			BW-GWFB03-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)	54.	K/	50.	90.	K/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)		U/	10.		U/	10.		U/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		K/U	22.		U/	20.	39.	K/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		U/	100.		U/	100.		U/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)	14.	/	10.		U/	10.		U/	10.
Sodium (UG/L)		U/	2000.	2740.	K/	2000.		K/U	2070.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)		U/	5.		U/	5.		U/	5.
Chloride (MG/L)		U/	1.		U/	1.		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)	0.15	/	0.1	0.11	/	0.1	0.24	N/J	0.1
Nitrogen, Total Kjeldahl (MG/L)		UN/	0.1		UN/	0.1	0.12	/	0.1
Sulfate (MG/L)		U/	5.		U/	5.		U/	5.
Total Dissolved Solids (MG/L)		U/	20.		U/	20.		U/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG108-02 01/28/92			BW-GWG108-92 01/28/92			BW-GWG117-02 01/30/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		US/	2.
Barium (UG/L)	64.	K/	10.	67.	K/	10.	73.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	124000.	/	1000.	126000.	/	1000.	102000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.	260.	/	20.
Lead (UG/L)		U/	3.		U/	3.		US/	3.
Magnesium (UG/L)	60800.	/	1000.	62200.	/	1000.	41000.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.	44.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3120.	K/	100.	3260.	K/	100.	3660.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	15500.	/	2000.	14900.	/	2000.	22900.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/UJ	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.		U/	10.	12.	K/	10.
Cyanide (UG/L)		U/	5.		U/	5.	9.	K/	5.
Alkalinity, Total (MG/L)	391.	/	5.	422.	/	5.	270.	/	5.
Chloride (MG/L)	44.	/	1.	43.	/	1.	45.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	1.63	/	0.02	1.62	/	0.02	0.07	/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.12		U/	0.1		N/UJ	0.26
Nitrogen, Total Kjeldahl (MG/L)	0.69	N/	0.1	0.64	N/	0.1	0.91	/	0.1
Sulfate (MG/L)	151.	/	5.	160.	/	5.	171.	/	5.
Total Dissolved Solids (MG/L)	652.	/	20.	650.	/	20.	584.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG118D-02 01/28/92			BW-GWG118S-02 01/29/92			BW-GWG119-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		K/U	57.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.	14.2	/	2.
Barium (UG/L)	85.	K/	10.	105.	K/	10.	291.	/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	92700.	/	1000.	169000.	/	1000.	160000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	644.	/	20.	244.	/	20.	17800.	/	20.
Lead (UG/L)		U/	3.		US/	3.		U/	3.
Magnesium (UG/L)	58300.	/	1000.	64200.	/	1000.	64100.	/	1000.
Manganese (UG/L)	76.	/	10.	4880.	/	10.	49.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3700.	K/	100.	960.	K/	100.	8290.	/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	64600.	/	2000.		K/U	3440.	28500.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.	10.	K/	10.	35.	/	10.
Cyanide (UG/L)		U/	5.	7.	K/	5.		U/	5.
Alkalinity, Total (MG/L)	353.	/	5.	446.	/	5.	756.	/	5.
Chloride (MG/L)	135.	/	1.	5.	/	1.	40.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.07	/	0.02	0.36	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.48		N/UJ	0.41	3.46	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.51	N/	0.1	1.12	/	0.1	3.7	N/	0.1
Sulfate (MG/L)	107.	/	5.	292.	/	5.	7.	/	5.
Total Dissolved Solids (MG/L)	680.	/	20.	844.	/	20.	796.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG121-02 01/28/92			BW-GWG122-02 01/27/92			BW-GWG123-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	60.		K/U	77.		K/U	65.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	23.	K/	10.	78.	K/	10.	38.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	72500.	/	1000.	117000.	/	1000.	124000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.		K/U	25.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	36700.	/	1000.	56700.	/	1000.	49600.	/	1000.
Manganese (UG/L)		U/	10.	60.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2700.	K/	100.	3650.	K/	100.	2290.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)		/U	10800.	69800.	/	2000.	17600.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/	3.		U/UJ	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	262.	/	5.	385.	/	5.	401.	/	5.
Chloride (MG/L)	29.	/	1.	128.	/	1.	38.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.5	/	0.02	0.93	/	0.02	0.77	/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		/U	0.14		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.34	N/	0.1		UN/	0.1	0.46	N/	0.1
Sulfate (MG/L)	67.	/	5.	137.	/	5.	127.	/	5.
Total Dissolved Solids (MG/L)	370.	/	20.	752.	/	20.	602.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG126-02 01/28/92			BW-GWG127-02 01/30/92			BW-GWG128D-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	77.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.	8.8	KS/	2.		U/	2.
Barium (UG/L)	89.	K/	10.	142.	K/	10.	71.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	122000.	/	1000.	157000.	/	1000.	99000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.	8260.	/	20.		K/U	85.
Lead (UG/L)		U/	3.		US/	3.		U/	3.
Magnesium (UG/L)	61700.	/	1000.	58300.	/	1000.	49500.	/	1000.
Manganese (UG/L)	435.	/	10.	457.	/	10.	13.	K/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	4870.	K/	100.	5070.	/	100.	2960.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	104000.	/	2000.	25200.	/	2000.	36300.	/	2000.
Thallium (UG/L)		U/UJ	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)	20.	/	10.	14.	K/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	426.	/	5.	502.	/	5.	331.	/	5.
Chloride (MG/L)	177.	/	1.	39.	/	1.	69.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.14	/	0.02	0.04	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		N/UJ	0.66		/U	0.18
Nitrogen, Total Kjeldahl (MG/L)	0.27	N/	0.1	1.82	/	0.1	0.15	N/	0.1
Sulfate (MG/L)	145.	/	5.	166.	/	5.	126.	/	5.
Total Dissolved Solids (MG/L)	882.	/	20.	792.	/	20.	582.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG128S-02 01/29/92			BW-GWG129-02 01/28/92			BW-GWG130-02 01/29/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	71.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)	7.7	K/	2.		U/	2.		U/	2.
Barium (UG/L)	123.	K/	10.	15.	K/	10.	117.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	170000.	/	1000.	269000.	/	1000.	122000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.	18.	K/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	23700.	/	20.	3350.	/	20.		U/	20.
Lead (UG/L)		U/	3.		US/	3.		US/	3.
Magnesium (UG/L)	60800.	/	1000.	121000.	/	1000.	70600.	/	1000.
Manganese (UG/L)	149.	/	10.	366.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.	55.	/	20.		U/	20.
Potassium (UG/L)	3710.	K/	100.	4170.	K/	100.	3440.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/UJ	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	44400.	/	2000.	53100.	/	2000.	62800.	/	2000.
Thallium (UG/L)		U/	3.		U/UJ	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)	17.	K/	10.		U/	10.		U/	10.
Cyanide (UG/L)	6.	K/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	497.	/	5.	357.	/	5.	487.	/	5.
Chloride (MG/L)	59.	/	1.	129.	/	1.	112.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.05	/	0.02		U/	0.02	0.06	/	0.02
Nitrogen, Ammonia (MG/L)		N/UJ	0.59		/U	0.19		N/UJ	0.19
Nitrogen, Total Kjeldahl (MG/L)	1.22	/	0.1	0.73	N/	0.1		/U	0.33
Sulfate (MG/L)	174.	/	5.	787.	/	5.	134.	/	5.
Total Dissolved Solids (MG/L)	882.	/	20.	1600.	/	20.	840.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

	BW-GWG130-92 01/29/92			BW-GWG133D-02 01/27/92			BW-GWG133S-02 01/27/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	59.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	123.	K/	10.	96.	K/	10.	83.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	128000.	/	1000.	91600.	/	1000.	139000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		U/	3.		US/	3.
Magnesium (UG/L)	73600.	/	1000.	44300.	/	1000.	65900.	/	1000.
Manganese (UG/L)		U/	10.	107.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3500.	K/	100.	5270.	/	100.	5720.	/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	65000.	/	2000.	109000.	/	2000.	212000.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.	50.	/	10.	16.	K/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	489.	/	5.	258.	/	5.	295.	/	5.
Chloride (MG/L)	113.	/	1.	216.	/	1.	413.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.06	/	0.02	0.08	/	0.02	0.49	/	0.02
Nitrogen, Ammonia (MG/L)		N/UJ	0.2		/U	0.1		/U	0.18
Nitrogen, Total Kjeldahl (MG/L)		/U	0.12	0.12	N/J	0.1	0.29	N/	0.1
Sulfate (MG/L)	136.	/	5.	172.	/	5.	291.	/	5.
Total Dissolved Solids (MG/L)	828.	/	20.	746.	/	20.	1340.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

Parameter	BW-GWG133S-92 01/27/92			BW-GWG134D-02 01/29/92			BW-GWG135-02 01/28/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	65.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.	2.	K/	2.
Barium (UG/L)	96.	K/	10.	34.	K/	10.	57.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	139000.	/	1000.	44100.	/	1000.	61200.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.	277.	/	20.
Lead (UG/L)		US/	3.		U/	3.		U/	3.
Magnesium (UG/L)	66600.	/	1000.	38000.	/	1000.	44100.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	5990.	/	100.	3920.	K/	100.	2770.	K/	100.
Selenium (UG/L)		US/	2.		U/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	226000.	/	2000.	17200.	/	2000.	21900.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)	12.	K/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	311.	/	5.	204.	/	5.	294.	/	5.
Chloride (MG/L)	413.	/	1.	3.	/	1.	35.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.5	/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.11		N/UJ	0.33		/U	0.55
Nitrogen, Total Kjeldahl (MG/L)	0.42	N/	0.1		/U	0.59	0.6	N/	0.1
Sulfate (MG/L)	295.	/	5.	79.	/	5.	66.	/	5.
Total Dissolved Solids (MG/L)	1320.	/	20.	332.	/	20.	400.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

	BW-GWG136-02 01/29/92			BW-GWG138-02 01/29/92			BW-GWG139-02 01/28/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.	2.8	K/	2.
Barium (UG/L)	117.	K/	10.	86.	K/	10.	97.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	35100.	/	1000.	102000.	/	1000.	92700.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		/U	146.	955.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	3890.	K/	1000.	52300.	/	1000.	64100.	/	1000.
Manganese (UG/L)		U/	10.	63.	/	10.	12.	K/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	13700.	/	100.	3920.	K/	100.	2930.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	30200.	/	2000.	51100.	/	2000.	50400.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	46.	/	5.	359.	/	5.	352.	/	5.
Chloride (MG/L)	55.	/	1.	97.	/	1.	105.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02	0.18	/	0.02
Nitrogen, Ammonia (MG/L)		N/UJ	1.01		N/UJ	0.22		/U	0.32
Nitrogen, Total Kjeldahl (MG/L)	0.85	/	0.1		/U	0.18	0.56	N/	0.1
Sulfate (MG/L)	49.	/	5.	119.	/	5.	92.	/	5.
Total Dissolved Solids (MG/L)	226.	/	20.	662.	/	20.	610.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: IND MTL

	BW-GWG140D-02 01/29/92			BW-GWMW140S-02 01/29/92			BW-GWMW141D-02 01/29/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	71.	K/	10.	70.	K/	10.	83.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	96700.	/	1000.	95000.	/	1000.	101000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)		U/	20.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	48300.	/	1000.	46600.	/	1000.	51000.	/	1000.
Manganese (UG/L)	17.	/	10.	48.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	5210.	/	100.	4630.	K/	100.	4500.	K/	100.
Selenium (UG/L)		U/	2.		US/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	45500.	/	2000.	25500.	/	2000.	59600.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)	22.	/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	380.	/	5.	377.	/	5.	386.	/	5.
Chloride (MG/L)	73.	/	1.	34.	/	1.	107.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.05	/	0.02		U/	0.02	0.08	/	0.02
Nitrogen, Ammonia (MG/L)		N/UJ	0.18		N/UJ	0.22		N/UJ	0.23
Nitrogen, Total Kjeldahl (MG/L)		/U	0.29		/U	0.2		/U	0.3
Sulfate (MG/L)	97.	/	5.	86.	/	5.	110.	/	5.
Total Dissolved Solids (MG/L)	602.	/	20.	518.	/	20.	674.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-5

PRIVATE WELL SAMPLING

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC
Generated by: SEM
Date Issued: 21-JAN-92

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	7.		B/U	6.		B/U	5.
Acetone (UG/L)		U/	5.		/U	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW03-01 05/20/91			BW-PW04-01 05/20/91			BW-PW05-01 05/21/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	9.		B/U	5.		B/U	4.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW06-01 05/21/91			BW-PW07-01 05/21/91			BW-PW08-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	9.		B/U	4.		B/U	6.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.	0.8	J/J	1.	0.7	J/J	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW . Type: LVOC

Parameter	BW-PW09-01 05/21/91			BW-PW10-01 05/21/91			BW-PW11-01 05/22/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	4.		B/U	5.		B/U	5.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)	0.6	J/J	1.		U/	1.	1.	/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.	2.	/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	6.		B/U	5.		B/U	3.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.	0.8	J/J	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW14-01 05/22/91			BW-PW15-01 05/22/91			BW-PW16-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	6.		B/U	12.		B/U	3.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)	0.8	J/J	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW17-01 05/23/91			BW-PW18-01 05/23/91			BW-PW19-01 05/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	9.		B/U	9.		B/U	15.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW20-01 05/23/91			BW-PW21-01 05/23/91			BW-PW22-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	10.		B/U	7.		B/U	6.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW22-91 05/23/91			BW-PW23-01 05/24/91			BW-PW24-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	12.		B/U	9.		B/U	12.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	13.		B/U	5.		B/U	8.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)	1.	/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)	2.	/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	6.		/U	10.		B/U	6.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.	1.	/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.	1.	/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		/U	6.		B/U	16.		B/U	20.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)	0.8	J/J	1.		U/	1.	0.8	J/J	1.
cis-1,2-Dichloroethene (UG/L)	1.	/	1.		U/	1.	1.	/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW33-01 10/08/91			BW-PW34-01 10/08/91			BW-PW35-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		/U	6.		B/U	13.		B/U	5.
Acetone (UG/L)		U/	5.		U/	5.		U/R	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.	0.6	J/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/R	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/R	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	5.		B/U	6.		B/U	3.
Acetone (UG/L)		U/R	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/R	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	5.		B/U	5.		B/U	3.
Acetone (UG/L)		U/R	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.	0.7	J/J	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.	1.	/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/R	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW41-01 10/09/91			BW-PW42-01 10/09/91			BW-PW42-91 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	2.		B/U	2.		B/U	3.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.	0.7	J/J	1.	0.7	J/J	1.
cis-1,2-Dichloroethene (UG/L)	0.8	J/J	1.	1.	/	1.	1.	/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.	1.	/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the [illegible]le, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW43-01 10/09/91			BW-PW44-01 10/09/91			BW-PW45-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	2.		B/U	2.		B/UJ	6.
Acetone (UG/L)		U/	5.		U/	5.		U/R	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/R	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/R	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		/UJ	6.		/UJ	6.		U/	5.
Acetone (UG/L)		U/R	5.		U/R	5.		U/R	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/R	5.		U/R	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PW49-01 10/10/91			BW-PW50-01 10/10/91			BW-PW51-01 10/10/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	5.		U/	5.		/U	5.
Acetone (UG/L)		U/R	5.		U/R	5.		U/R	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.	0.7	J/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.	0.9	J/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/R	5.		U/R	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW52-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/UJ	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		/UJ	5.		B/U	4.		B/U	5.
Acetone (UG/L)		U/R	5.	16.	/	5.		U/	5.
Carbon disulfide (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)	1.	/J	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/UJ	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/UJ	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Benzene (UG/L)		U/UJ	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/UJ	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/UJ	1.		U/	1.		U/	1.
Toluene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/UJ	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWFB03-01 05/31/91			BW-PWFB04-01 10/08/91			BW-PWFB05-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	3.		B/U	8.		B/U	5.
Acetone (UG/L)		U/	5.	7.	/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWFB06-01 10/10/91			BW-PWTB01-01 05/20/91			BW-PWTB02-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)	10.	/	2.		B/U	4.		B/U	5.
Acetone (UG/L)		U/R	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/R	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.	0.5	J/J	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWTB03-01 05/22/91			BW-PWTB04-01 05/23/91			BW-PWTB05-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	3.		B/U	4.		B/U	14.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PWTB06-01 05/31/91			BW-PWTB07-01 10/08/91			BW-PWTB08-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		B/U	3.		/U	8.		B/U	4.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PWTB09-01 10/10/91 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.
Bromomethane (UG/L)		U/	1.
Vinyl chloride (UG/L)		U/	1.
Chloroethane (UG/L)		U/	1.
Methylene chloride (UG/L)	9.	/	2.
Acetone (UG/L)		U/R	5.
Carbon disulfide (UG/L)		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.
Chloroform (UG/L)		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.
2-Butanone (UG/L)		U/R	5.
Bromochloromethane (UG/L)		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.
Carbon tetrachloride (UG/L)		U/	1.
Bromodichloromethane (UG/L)		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.
Trichloroethene (UG/L)		U/	1.
Dibromochloromethane (UG/L)		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.
Benzene (UG/L)		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.
Bromoform (UG/L)		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.
2-Hexanone (UG/L)		U/	5.
Tetrachloroethene (UG/L)		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.
Toluene (UG/L)		U/	1.
Chlorobenzene (UG/L)		U/	1.
Ethylbenzene (UG/L)		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW03-01 05/20/91			BW-PW04-01 05/20/91			BW-PW05-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW06-01 05/21/91			BW-PW07-01 05/21/91			BW-PW08-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW09-01 05/21/91			BW-PW10-01 05/21/91			BW-PW11-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW14-01 05/22/91			BW-PW15-01 05/22/91			BW-PW16-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW17-01 05/23/91			BW-PW18-01 05/23/91			BW-PW19-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW20-01 05/23/91			BW-PW21-01 05/23/91			BW-PW22-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW22-91 05/23/91			BW-PW23-01 05/24/91			BW-PW24-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/R	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW33-01 10/08/91			BW-PW34-01 10/08/91			BW-PW35-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/R	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW41-01 10/09/91			BW-PW42-01 10/09/91			BW-PW42-91 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW43-01 10/09/91			BW-PW44-01 10/09/91			BW-PW45-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW49-01 10/10/91			BW-PW50-01 10/10/91			BW-PW51-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PW52-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/UJ	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/UJ	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/UJ	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWFB03-01 05/31/91			BW-PWFB04-01 10/08/91			BW-PWFB05-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWF806-01 10/10/91			BW-PWI801-01 05/20/91			BW-PWI802-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWTB03-01 05/22/91			BW-PWTB04-01 05/23/91			BW-PWTB05-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

	BW-PWTB06-01 05/31/91			BW-PWTB07-01 10/08/91			BW-PWTB08-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/R	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LVOC

Parameter	BW-PWTB09-01 10/10/91 CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.
Xylenes (total) (UG/L)		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC
Generated by: SEM
Date Issued: 21-JAN-92

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW03-01 05/20/91 CONC	LQ/DVQ	RDL	BW-PW04-01 05/20/91 CONC	LQ/DVQ	RDL	BW-PW05-01 05/21/91 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

* Parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW06-01 05/21/91			BW-PW07-01 05/21/91			BW-PW08-01 05/21/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW09-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW10-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW11-01 05/22/91 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW14-01 05/22/91			BW-PW15-01 05/22/91			BW-PW16-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW17-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW18-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW19-01 05/23/91 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/UJ	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/UJ	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/UJ	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/UJ	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/UJ	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/UJ	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/UJ	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/UJ	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/UJ	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/UJ	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/UJ	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/UJ	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/UJ	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/UJ	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/UJ	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW20-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW21-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW22-01 05/23/91 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW22-91 05/23/91			BW-PW23-01 05/24/91			BW-PW24-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
bis(2-Chloroethyl)ether (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2-Chlorophenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2-Methylphenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Methylphenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
n-Nitroso-di-n-propylamine (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Hexachloroethane (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Nitrobenzene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Isophorone (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2-Nitrophenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4-Dimethylphenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
bis(2-Chloroethoxy)methane (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4-Dichlorophenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
1,2,4-Trichlorobenzene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Naphthalene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Chloroaniline (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Hexachlorobutadiene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Chloro-3-methylphenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2-Methylnaphthalene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Hexachlorocyclopentadiene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4,6-Trichlorophenol (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4,5-Trichlorophenol (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
2-Chloronaphthalene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2-Nitroaniline (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
Dimethyl phthalate (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Acenaphthylene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,6-Dinitrotoluene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
3-Nitroaniline (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
Acenaphthene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4-Dinitrophenol (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
4-Nitrophenol (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
Dibenzofuran (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
2,4-Dinitrotoluene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/UJ	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/UJ	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/UJ	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/UJ	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/UJ	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/UJ	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/UJ	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/UJ	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/UJ	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/UJ	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/UJ	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/UJ	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/UJ	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW33-01 10/08/91			BW-PW34-01 10/08/91			BW-PW35-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW41-01 10/09/91			BW-PW42-01 10/09/91			BW-PW42-91 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW43-01 10/09/91			BW-PW44-01 10/09/91			BW-PW45-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW49-01 10/10/91			BW-PW50-01 10/10/91			BW-PW51-01 10/10/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW52-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.	3.	J/J	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PWFB03-01 05/31/91			BW-PWFB04-01 10/08/91			BW-PWFB05-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.		U/	5.		U/	5.
2-Chlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.		U/	5.		U/	5.
4-Methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.		U/	5.		U/	5.
Hexachloroethane (UG/L)		U/	5.		U/	5.		U/	5.
Nitrobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Isophorone (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitrophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.		U/	5.		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Naphthalene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloroaniline (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.		U/	5.		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.		U/	5.		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.		U/	5.		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.		U/	5.		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.		U/	5.		U/	5.
2-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Dimethyl phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Acenaphthylene (UG/L)		U/	5.		U/	5.		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.
3-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
Acenaphthene (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
4-Nitrophenol (UG/L)		U/	20.		U/	20.		U/	20.
Dibenzofuran (UG/L)		U/	5.		U/	5.		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PWFB06-01 10/10/91 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	5.
bis(2-Chloroethyl)ether (UG/L)		U/	5.
2-Chlorophenol (UG/L)		U/	5.
2-Methylphenol (UG/L)		U/	5.
2,2'-oxybis(1-Chloropropane) (UG/L)		U/	5.
4-Methylphenol (UG/L)		U/	5.
n-Nitroso-di-n-propylamine (UG/L)		U/	5.
Hexachloroethane (UG/L)		U/	5.
Nitrobenzene (UG/L)		U/	5.
Isophorone (UG/L)		U/	5.
2-Nitrophenol (UG/L)		U/	5.
2,4-Dimethylphenol (UG/L)		U/	5.
bis(2-Chloroethoxy)methane (UG/L)		U/	5.
2,4-Dichlorophenol (UG/L)		U/	5.
1,2,4-Trichlorobenzene (UG/L)		U/	5.
Naphthalene (UG/L)		U/	5.
4-Chloroaniline (UG/L)		U/	5.
Hexachlorobutadiene (UG/L)		U/	5.
4-Chloro-3-methylphenol (UG/L)		U/	5.
2-Methylnaphthalene (UG/L)		U/	5.
Hexachlorocyclopentadiene (UG/L)		U/	5.
2,4,6-Trichlorophenol (UG/L)		U/	5.
2,4,5-Trichlorophenol (UG/L)		U/	20.
2-Chloronaphthalene (UG/L)		U/	5.
2-Nitroaniline (UG/L)		U/	20.
Dimethyl phthalate (UG/L)		U/	5.
Acenaphthylene (UG/L)		U/	5.
2,6-Dinitrotoluene (UG/L)		U/	5.
3-Nitroaniline (UG/L)		U/	20.
Acenaphthene (UG/L)		U/	5.
2,4-Dinitrophenol (UG/L)		U/	20.
4-Nitrophenol (UG/L)		U/	20.
Dibenzofuran (UG/L)		U/	5.
2,4-Dinitrotoluene (UG/L)		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		B/U	9.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW03-01 05/20/91			BW-PW04-01 05/20/91			BW-PW05-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		B/U	21.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW06-01 05/21/91			BW-PW07-01 05/21/91			BW-PW08-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		B/U	7.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW09-01 05/21/91			BW-PW10-01 05/21/91			BW-PW11-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		B/U	30.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		B/U	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW14-01 05/22/91			BW-PW15-01 05/22/91			BW-PW16-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW17-01 05/23/91			BW-PW18-01 05/23/91			BW-PW19-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/UJ	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/UJ	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/UJ	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/UJ	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/UJ	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/UJ	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/UJ	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/UJ	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/UJ	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/UJ	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		B/U	14.		U/UJ	5.		B/U	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/UJ	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/UJ	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/UJ	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW20-01 05/23/91			BW-PW21-01 05/23/91			BW-PW22-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW22-91 05/23/91			BW-PW23-01 05/24/91			BW-PW24-01 05/24/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Chlorophenyl-phenylether (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Fluorene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Nitroaniline (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
n-Nitrosodiphenylamine (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
4-Bromophenyl-phenylether (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Hexachlorobenzene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Pentachlorophenol (UG/L)		U/UJ	20.		U/UJ	20.		U/UJ	20.
Phenanthrene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Anthracene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Di-n-butylphthalate (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Fluoranthene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Pyrene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Butylbenzylphthalate (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
3,3'-Dichlorobenzidine (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Benzo(a)anthracene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Chrysene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/UJ	5.		B/UJ	5.		U/UJ	5.
Di-n-octylphthalate (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Benzo(b)fluoranthene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Benzo(k)fluoranthene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Benzo(a)pyrene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Dibenz(a,h)anthracene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.
Benzo(g,h,i)perylene (UG/L)		U/UJ	5.		U/UJ	5.		U/UJ	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/UJ	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/UJ	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/UJ	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/UJ	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/UJ	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/UJ	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/UJ	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/UJ	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/UJ	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/UJ	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/UJ	5.		U/	5.		B/U	5.
Di-n-octylphthalate (UG/L)		U/UJ	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/UJ	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/UJ	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		/U	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

[illegible]meter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW33-01 10/08/91			BW-PW34-01 10/08/91			BW-PW35-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW41-01 10/09/91			BW-PW42-01 10/09/91			BW-PW42-91 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW43-01 10/09/91			BW-PW44-01 10/09/91			BW-PW45-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		B/UJ	10.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PW49-01 10/10/91			BW-PW50-01 10/10/91			BW-PW51-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		B/U	5.		B/UJ	8.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PW52-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.	3.	J/J	5.	1.	J/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	5.		U/	5.		U/	20.
Phenanthrene (UG/L)		U/	20.		U/	20.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		J/J	5.	1.	BJ/	5.
Pyrene (UG/L)		U/	5.	1.	U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.	2.	BJ/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		B/U	28.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

	BW-PWFB03-01 05/31/91			BW-PWFB04-01 10/08/91			BW-PWFB05-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)	2.	J/	5.		U/	5.		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Fluorene (UG/L)		U/	5.		U/	5.		U/	5.
4-Nitroaniline (UG/L)		U/	20.		U/	20.		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.		U/	20.		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.		U/	5.		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.		U/	5.		U/	5.
Hexachlorobenzene (UG/L)		U/	5.		U/	5.		U/	5.
Pentachlorophenol (UG/L)		U/	20.		U/	20.		U/	20.
Phenanthrene (UG/L)		U/	5.		U/	5.		U/	5.
Anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Di-n-butylphthalate (UG/L)	2.	J/	5.		U/	5.		U/	5.
Fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Chrysene (UG/L)		U/	5.		U/	5.		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.	2.	J/J	5.	1.	J/	5.
Di-n-octylphthalate (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.		U/	5.		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.		U/	5.		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.		U/	5.		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LSVOC

Parameter	BW-PWFB06-01 10/10/91 CONC	LQ/DVQ	RDL
Diethylphthalate (UG/L)		U/	5.
4-Chlorophenyl-phenylether (UG/L)		U/	5.
Fluorene (UG/L)		U/	5.
4-Nitroaniline (UG/L)		U/	20.
4,6-Dinitro-2-methylphenol (UG/L)		U/	20.
n-Nitrosodiphenylamine (UG/L)		U/	5.
4-Bromophenyl-phenylether (UG/L)		U/	5.
Hexachlorobenzene (UG/L)		U/	5.
Pentachlorophenol (UG/L)		U/	20.
Phenanthrene (UG/L)		U/	5.
Anthracene (UG/L)		U/	5.
Di-n-butylphthalate (UG/L)		U/	5.
Fluoranthene (UG/L)		U/	5.
Pyrene (UG/L)		U/	5.
Butylbenzylphthalate (UG/L)		U/	5.
3,3'-Dichlorobenzidine (UG/L)		U/	5.
Benzo(a)anthracene (UG/L)		U/	5.
Chrysene (UG/L)		U/	5.
bis-(2-Ethylhexyl)phthalate (UG/L)		U/	5.
Di-n-octylphthalate (UG/L)		U/	5.
Benzo(b)fluoranthene (UG/L)		U/	5.
Benzo(k)fluoranthene (UG/L)		U/	5.
Benzo(a)pyrene (UG/L)		U/	5.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	5.
Dibenz(a,h)anthracene (UG/L)		U/	5.
Benzo(g,h,i)perylene (UG/L)		U/	5.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB
Generated by: SEM
Date Issued: 21-JAN-92

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW03-01 05/20/91			BW-PW04-01 05/20/91			BW-PW05-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW06-01 05/21/91			BW-PW07-01 05/21/91			BW-PW08-01 05/21/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

Parameter	BW-PW09-01 05/21/91			BW-PW10-01 05/21/91			BW-PW11-01 05/22/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW14-01 05/22/91			BW-PW15-01 05/22/91			BW-PW16-01 05/22/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

Parameter	BW-PW17-01 05/23/91			BW-PW18-01 05/23/91			BW-PW19-01 05/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.02		U/	0.02		U/	0.02
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.01		U/	0.01		U/	0.01
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	1.		U/	1.		U/	1.
Toxaphene (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1232 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW20-01 05/23/91			BW-PW21-01 05/23/91			BW-PW22-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW22-91 05/23/91			BW-PW23-01 05/24/91			BW-PW24-01 05/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

Parameter	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

Parameter	BW-PW33-01 10/08/91 CONC	LQ/DVQ	RDL	BW-PW34-01 10/08/91 CONC	LQ/DVQ	RDL	BW-PW35-01 10/09/91 CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)	0.003	J/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Blackwell Landfill NPL Site RI/FS
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Matrix: PW Type: LPPCB

	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Blackwell Landfill NPL Site RI/FS
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Matrix: PW Type: LPPCB

	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
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Matrix: PW Type: LPPCB

	BW-PW41-01 10/09/91			BW-PW42-01 10/09/91			BW-PW42-91 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)	0.01	JP/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)	0.009	JP/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)	0.014	J/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02	0.006	JP/J	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Matrix: PW Type: LPPCB

	BW-PW43-01 10/09/91			BW-PW44-01 10/09/91			BW-PW45-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Matrix: PW Type: LPPCB

Parameter	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.02		U/	0.02		U/	0.02
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.01		U/	0.01		U/	0.01
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	1.		U/	1.		U/	1.
Toxaphene (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1232 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the ple, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PW49-01 10/10/91			BW-PW50-01 10/10/91			BW-PW51-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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Matrix: PW Type: LPPCB

	BW-PW52-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01		U/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

	BW-PWFB03-01 05/31/91			BW-PWFB04-01 10/08/91			BW-PWFB05-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
beta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
delta-BHC (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01	0.002	JP/	0.01		U/	0.01
Heptachlor (UG/L)		U/	0.01	0.0005	J/	0.01		U/	0.01
Aldrin (UG/L)		U/	0.01		U/	0.01		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01		U/	0.01		U/	0.01
Endosulfan I (UG/L)		U/	0.01		U/	0.01		U/	0.01
Dieldrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
4,4'-DDE (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan II (UG/L)		U/	0.02	0.001	J/	0.02		U/	0.02
4,4'-DDD (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02	0.001	JP/	0.02		U/	0.02
4,4'-DDT (UG/L)		U/	0.02		U/	0.02		U/	0.02
Methoxychlor (UG/L)		U/	0.1		U/	0.1	0.003	JP/	0.1
Endrin ketone (UG/L)		U/	0.02		U/	0.02		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02		U/	0.02		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01		U/	0.01		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01		JP/	0.01		U/	0.01
Toxaphene (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1016 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4		U/	0.4		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2		U/	0.2		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2		U/	0.2		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: LPPCB

Parameter	BW-PWFB06-01 10/10/91 CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.01
beta-BHC (UG/L)		U/	0.01
delta-BHC (UG/L)		U/	0.01
gamma-BHC (Lindane) (UG/L)		U/	0.01
Heptachlor (UG/L)		U/	0.01
Aldrin (UG/L)		U/	0.01
Heptachlor epoxide (UG/L)		U/	0.01
Endosulfan I (UG/L)		U/	0.01
Dieldrin (UG/L)		U/	0.02
4,4'-DDE (UG/L)		U/	0.02
Endrin (UG/L)		U/	0.02
Endosulfan II (UG/L)		U/	0.02
4,4'-DDD (UG/L)		U/	0.02
Endosulfan sulfate (UG/L)		U/	0.02
4,4'-DDT (UG/L)		U/	0.02
Methoxychlor (UG/L)		U/	0.1
Endrin ketone (UG/L)		U/	0.02
Endrin aldehyde (UG/L)		U/	0.02
alpha-Chlordane (UG/L)		U/	0.01
gamma-Chlordane (UG/L)		U/	0.01
Toxaphene (UG/L)		U/	1.
Aroclor-1016 (UG/L)		U/	0.2
Aroclor-1221 (UG/L)		U/	0.2
Aroclor-1232 (UG/L)		U/	0.4
Aroclor-1242 (UG/L)		U/	0.2
Aroclor-1248 (UG/L)		U/	0.2
Aroclor-1254 (UG/L)		U/	0.2
Aroclor-1260 (UG/L)		U/	0.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW
Generated by: SEM
Date Issued: 22-JAN-92

BW-PW23-01 05/24/91

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Dimethyl undecane (UG/L)	2.	J/

BW-PW26-01 05/31/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/
Unknown alkane (UG/L)	4.	J/

BW-PW40-01 10/09/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Methylpropylcyclohexane (UG/L)	5.	J/JN

BW-PW43-01 10/09/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/JN

(TVOA) Tentatively-Identified Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown hydrocarbon (UG/L)	2.	J/JN

BW-PW51-01 10/10/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	19.	J/
Unknown (UG/L)	19.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW

BW-PWFB01-01 05/21/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
1,2-Ethanediol, monoacetate (UG/L)	8.	JN/JN
Acetamide, n,n-dimethyl- (UG/L)	7.	JN/JN
Unknown (UG/L)	23.	J/JN
Unknown (UG/L)	3.	J/JN
Tetramethylbutyl phenol (UG/L)	4.	J/JN
Nonylphenol (UG/L)	3.	J/JN
Unknown substituted phenol (UG/L)	6.	J/JN
Tetramethylbutyl phenol (UG/L)	6.	J/JN

BW-PWFB02-01 05/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Tetramethylbutyl phenol (UG/L)	5.	J/
Unknown (UG/L)	4.	J/
Nonylphenol (UG/L)	7.	J/
Unknown (UG/L)	2.	J/
Tetramethylbutyl phenol (UG/L)	7.	J/
Unknown (UG/L)	3.	J/

BW-PWFB03-01 05/31/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	4.	J/
Butoxyethoxy ethanol (UG/L)	4.	J/
Unknown (UG/L)	4.	J/
Tetramethylbutyl phenol (UG/L)	22.	J/
Unknown (UG/L)	16.	J/
Nonylphenol (UG/L)	20.	J/
Unknown (UG/L)	5.	J/
Tetramethylbutyl phenol (UG/L)	5.	J/
Unknown (UG/L)	10.	J/
Tetramethylbutyl phenol (UG/L)	23.	J/
Unknown (UG/L)	9.	J/
Unknown (UG/L)	8.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW

BW-PWFB04-01 10/08/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Substituted phenol (UG/L)	5.	J/JN
Tetramethylbutyl phenol (UG/L)	13.	J/JN
Nonylphenol (UG/L)	14.	J/JN
Nonylphenol (UG/L)	12.	J/JN
Substituted phenol (UG/L)	4.	J/JN
Unknown (UG/L)	3.	J/JN
Unknown aromatic (UG/L)	3.	J/JN
Substituted phenol (UG/L)	7.	J/JN
Tetramethylbutyl phenol (UG/L)	15.	J/JN
Tetramethylbutyl phenol (UG/L)	9.	J/JN
Substituted phenol (UG/L)	8.	J/JN

BW-PWFB05-01 10/09/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Tetramethylbutyl phenol (UG/L)	10.	J/JN
Nonylphenol (UG/L)	11.	J/JN
Nonylphenol (UG/L)	10.	J/JN
Unknown (UG/L)	3.	J/JN
Nonylphenol (UG/L)	5.	J/JN
Tetramethylbutyl phenol (UG/L)	13.	J/JN
Unknown (UG/L)	7.	J/JN

BW-PWFB06-01 10/10/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown alkyl phenol (UG/L)	14.	J/
Unknown alkyl phenol (UG/L)	14.	J/
Nonylphenol (UG/L)	12.	J/
Unknown alkyl phenol (UG/L)	17.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND
Generated by: CAW
Date Issued: 22-JAN-92

	BW-PW01-01 05/20/91			BW-PW02-01 05/20/91			BW-PW02-91 05/20/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	50.5	K/	10.	50.	K/	10.	54.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	75300.	/	1000.	78100.	/	1000.	77500.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		K/U	23.		K/U	21.5
Iron (UG/L)	822.	/	20.	592.	/	20.	780.	/	20.
Lead (UG/L)		US/	3.		U/	3.		U/	3.
Magnesium (UG/L)	48200.	/	1000.	48700.	/	1000.	49100.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2230.	K/	100.	2600.	K/	100.	2600.	K/	100.
Selenium (UG/L)		U/	2.		US/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	14800.	/	1000.	15100.	/	1000.	14800.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)		U/	10.	140.	/	10.	140.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	332.	/	5.	331.	/	5.	329.	/	5.
Chloride (MG/L)	8.	/	1.	11.	/	1.	11.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.47		/U	0.45		/U	0.43
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.59		N/U	0.61		N/U	0.61
Sulfate (MG/L)	80.	/	5.	85.	/	5.	85.	/	5.
Total Dissolved Solids (MG/L)	444.	/	20.	478.	/	20.	450.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW03-01 05/20/91 CONC	LQ/DVQ	RDL	BW-PW04-01 05/20/91 CONC	LQ/DVQ	RDL	BW-PW05-01 05/21/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	62.	K/	10.	72.5	K/	10.	79.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	88000.	/	1000.	94800.	/	1000.	99400.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		K/U	12.5		U/	10.		U/	10.
Iron (UG/L)	481.	/	20.	699.	/	20.	798.	/	20.
Lead (UG/L)		U/	3.		US/	3.		U/	3.
Magnesium (UG/L)	52500.	/	1000.	59700.	/	1000.	60300.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.	21.5	K/	20.
Potassium (UG/L)	2920.	K/	100.	2710.	K/	100.	2800.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	18900.	/	1000.	32200.	/	1000.	51300.	/	1000.
Thallium (UG/L)		U/	3.		US/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	31.5	/	10.		U/	10.	72.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	338.	/	5.	349.	/	5.	360.	/	5.
Chloride (MG/L)	33.	/	1.	72.	/	1.	106.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.57		/U	0.58		/U	0.51
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.68		N/U	0.62		N/U	0.51
Sulfate (MG/L)	95.	/	5.	96.	/	5.	99.	/	5.
Total Dissolved Solids (MG/L)	558.	/	20.	620.	/	20.	656.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW06-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW07-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW08-01 05/21/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		K/U	64.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.	4.1	K/	2.	4.5	KS/	2.
Barium (UG/L)	84.	K/	10.	130.	K/	10.	132.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2	0.37	KN/J	0.2		UN/UJ	0.2
Calcium (UG/L)	105000.	/	1000.	116000.	/	1000.	116000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		K/U	10.		U/	10.		K/U	18.
Iron (UG/L)	733.	/	20.	1970.	/	20.	2340.	/	20.
Lead (UG/L)		U/	3.		US/	3.		US/	3.
Magnesium (UG/L)	64600.	/	1000.	72400.	/	1000.	77100.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2940.	K/	100.	2930.	K/	100.	2840.	K/	100.
Selenium (UG/L)		US/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	58200.	/	1000.	85000.	/	1000.	79700.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	47.	/	10.	13.5	K/	10.	400.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	369.	/	5.	389.	/	5.	387.	/	5.
Chloride (MG/L)	126.	/	1.	182.	/	1.	175.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.51		/U	0.58		/U	0.59
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.6		N/U	0.79		N/U	0.66
Sulfate (MG/L)	102.	/	5.	132.	/	5.	130.	/	5.
Total Dissolved Solids (MG/L)	728.	/	20.	900.	/	20.	882.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW09-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW10-01 05/21/91 CONC	LQ/DVQ	RDL	BW-PW11-01 05/22/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		US/	5.		U/	5.		U/	5.
Arsenic (UG/L)	3.	KS/	2.	5.7	K/	2.		U/	2.
Barium (UG/L)		U/	10.	120.	K/	10.	92.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)	0.87	KN/J	0.2	0.59	KN/J	0.2		UNS/UJ	0.2
Calcium (UG/L)		K/U	1170.	105000.	/	1000.	111000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		K/U	12.5		U/	10.		K/U	16.5
Iron (UG/L)	266.	/	20.	1670.	/	20.	29.5	K/	20.
Lead (UG/L)		US/	3.		U/	3.		U/	3.
Magnesium (UG/L)		U/	1000.	64900.	/	1000.	56100.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.	60.5	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	490.	K/	100.	2380.	K/	100.	3920.	K/	100.
Selenium (UG/L)		US/	2.		U/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		US/	0.5
Sodium (UG/L)	356000.	/	1000.	57200.	/	1000.	63200.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	85.5	/	10.	129.	/	10.	17.	K/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	389.	/	5.	370.	/	5.	370.	/	5.
Chloride (MG/L)	185.	/	1.	138.	/	1.	111.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.14		/U	0.48		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.22		N/U	0.56		N/U	0.21
Sulfate (MG/L)	136.	/	5.	120.	/	5.	130.	/	5.
Total Dissolved Solids (MG/L)	916.	/	20.	780.	/	20.	740.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW12-01 05/22/91			BW-PW12-91 05/22/91			BW-PW13-01 05/22/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		K/U	78.5
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.		U/	2.	3.2	K/	2.
Barium (UG/L)	105.	K/	10.	98.5	K/	10.	100.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	114000.	/	1000.	120000.	/	1000.	103000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		K/U	14.5		K/U	11.5
Iron (UG/L)	1050.	/	20.	1050.	/	20.	1070.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	60100.	/	1000.	62300.	/	1000.	68300.	/	1000.
Manganese (UG/L)	70.	/	10.	69.5	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3170.	K/	100.	3200.	K/	100.	2860.	K/	100.
Selenium (UG/L)		US/	2.		U/	2.		U/	2.
Silver (UG/L)		US/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	80200.	/	1000.	80900.	/	1000.	62500.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)		U/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	382.	/	5.	380.	/	5.	383.	/	5.
Chloride (MG/L)	145.	/	1.	146.	/	1.	139.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.11		/U	0.18		/U	0.55
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.17		N/U	0.14		N/U	0.76
Sulfate (MG/L)	143.	/	5.	145.	/	5.	118.	/	5.
Total Dissolved Solids (MG/L)	822.	/	20.	842.	/	20.	782.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW14-01 05/22/91 CONC	LQ/DVQ	RDL	BW-PW15-01 05/22/91 CONC	LQ/DVQ	RDL	BW-PW16-01 05/22/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)	5.2	KS/	2.		U/	2.		U/	2.
Barium (UG/L)	98.5	K/	10.	63.5	K/	10.	74.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	99300.	/	1000.	106000.	/	1000.	108000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		K/U	15.		K/U	18.		K/U	14.
Iron (UG/L)	1010.	/	20.	27.5	K/	20.	118.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	70000.	/	1000.	54100.	/	1000.	55200.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.	28.5	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2860.	K/	100.	3010.	K/	100.	2930.	K/	100.
Selenium (UG/L)		U/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	65400.	/	1000.	87400.	/	1000.	83900.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)		U/	10.	10.	K/	10.	211.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	383.	/	5.	384.	/	5.	389.	/	5.
Chloride (MG/L)	141.	/	1.	158.	/	1.	161.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02	0.92	/	0.02	0.21	/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.79		/U	0.25		/U	0.23
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.64		N/U	0.4		N/U	0.22
Sulfate (MG/L)	118.	/	5.	102.	/	5.	110.	/	5.
Total Dissolved Solids (MG/L)	796.	/	20.	794.	/	20.	824.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

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ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW17-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW18-01 05/23/91 CONC	LQ/DVQ	RDL	BW-PW19-01 05/23/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	55.5	K/	10.	59.5	K/	10.	60.5	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	72600.	/	1000.	76200.	/	1000.	70700.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	553.	/	20.	1160.	/	20.	456.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	41900.	/	1000.	44400.	/	1000.	42400.	/	1000.
Manganese (UG/L)	56.	/	10.	68.5	/	10.	58.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3010.	K/	100.	3010.	K/	100.	3000.	K/	100.
Selenium (UG/L)		US/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	38300.	/	1000.	41600.	/	1000.	39400.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	130.	/	10.	17.5	K/	10.	50.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	261.	/	5.	268.	/	5.	253.	/	5.
Chloride (MG/L)	78.	/	1.	80.	/	1.	79.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.16		/U	0.14		/U	0.16
Nitrogen, Total Kjeldahl (MG/L)		N/UJ	0.38		N/U	0.24		N/U	0.8
Sulfate (MG/L)	79.	/	5.	88.	/	5.	82.	/	5.
Total Dissolved Solids (MG/L)	524.	/	20.	538.	/	20.	518.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

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ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PW20-01 05/23/91			BW-PW21-01 05/23/91			BW-PW22-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)	2.1	KS/	2.		U/	2.		U/	2.
Barium (UG/L)	36.	K/	10.	80.5	K/	10.	84.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2	0.21	KN/J	0.2		UN/UJ	0.2
Calcium (UG/L)	82000.	/	1000.	117000.	/	1000.	87400.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)	71.5	/	10.	10.	K/	10.		U/	10.
Iron (UG/L)	3120.	/	20.	35.	K/	20.	1320.	/	20.
Lead (UG/L)	4.7	/	3.		U/	3.		U/	3.
Magnesium (UG/L)	52900.	/	1000.	60900.	/	1000.	49500.	/	1000.
Manganese (UG/L)	39.	/	10.		U/	10.	72.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3230.	K/	100.	3540.	K/	100.	3760.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	32400.	/	1000.	111000.	/	1000.	64300.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	24.	/	10.	128.	/	10.	121.	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	342.	/	5.	407.	/	5.	294.	/	5.
Chloride (MG/L)	55.	/	1.	186.	/	1.	117.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02	4.13	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.45		/U	0.17		/U	0.13
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.76		UN/	0.1		N/U	0.5
Sulfate (MG/L)	108.	/	5.	101.	/	5.	138.	/	5.
Total Dissolved Solids (MG/L)	604.	/	20.	878.	/	20.	690.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW22-91 05/23/91 CONC	LQ/DVQ	RDL	BW-PW23-01 05/24/91 CONC	LQ/DVQ	RDL	BW-PW24-01 05/24/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.	3.5	KS/	2.		US/	2.
Barium (UG/L)	83.5	K/	10.	116.	K/	10.	122.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	90300.	/	1000.	104000.	/	1000.	110000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	1340.	/	20.	1840.	/	20.	2100.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	50400.	/	1000.	63700.	/	1000.	61400.	/	1000.
Manganese (UG/L)	74.5	/	10.	16.5	/	10.	25.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3680.	K/	100.	2460.	K/	100.	2300.	K/	100.
Selenium (UG/L)		U/	2.		US/	2.		U/	2.
Silver (UG/L)		US/	0.5		US/	0.5		US/	0.5
Sodium (UG/L)	65900.	/	1000.	58100.	/	1000.	56100.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	132.	/	10.	16.	K/	10.		U/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	295.	/	5.	379.	/	5.	383.	/	5.
Chloride (MG/L)	117.	/	1.		U/	1.	139.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.18		/U	0.45		/U	0.28
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.35		N/U	0.53		N/U	0.51
Sulfate (MG/L)	137.	/	5.	112.	/	5.	107.	/	5.
Total Dissolved Solids (MG/L)	756.	/	20.	786.	/	20.	804.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW25-01 05/24/91			BW-PW26-01 05/31/91			BW-PW27-01 05/31/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		U/	5.		U/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	92.5	K/	10.	76.5	K/	10.	82.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/UJ	0.2		UN/	0.2		UNS/	0.2
Calcium (UG/L)	105000.	/	1000.	111000.	/	1000.	95900.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)	19.5	K/	10.		U/	10.		U/	10.
Iron (UG/L)	1790.	/	20.	3050.	/	20.	1300.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	54900.	/	1000.	58900.	/	1000.	64700.	/	1000.
Manganese (UG/L)	19.5	/	10.	47.	/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3030.	K/	100.	3660.	K/	100.	3750.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		US/	0.5		U/	0.5		US/	0.5
Sodium (UG/L)	57200.	/	1000.	77200.	/	1000.	39000.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	170.	/	10.	330.	/	10.	79.5	/	10.
Cyanide (UG/L)		U/	10.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	370.	/	5.	369.	/	5.	349.	/	5.
Chloride (MG/L)	107.	/	1.	156.	/	1.	104.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02	0.03	/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.32		/U	0.12		/U	0.58
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.48		N/U	0.27		N/U	0.81
Sulfate (MG/L)	114.	/	5.	99.	/	5.	99.	/	5.
Total Dissolved Solids (MG/L)	766.	/	20.	762.	/	20.	644.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.		/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PW28-01 05/31/91			BW-PW29-01 10/08/91			BW-PW30-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		K/U	54.		U/	50.
Antimony (UG/L)		U/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)		U/	2.		U/	2.	5.6	KS/	2.
Barium (UG/L)	132.	K/	10.	67.	K/	10.	119.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	112000.	/	1000.	91600.	/	1000.	104000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)	12.5	K/	10.		U/	10.		U/	10.
Iron (UG/L)	2290.	/	20.	919.	/	20.	1890.	/	20.
Lead (UG/L)		U/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)	65000.	/	1000.	61500.	/	1000.	65100.	/	1000.
Manganese (UG/L)	22.	/	10.		U/	10.	10.	K/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2950.	K/	100.	2690.	K/	100.	2610.	K/	100.
Selenium (UG/L)		U/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	55900.	/	1000.	24500.	/	1000.	53100.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	54.	/	10.	186.	/	10.	69.	/	10.
Cyanide (UG/L)		U/	10.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	374.	/	5.	365.	/	5.	389.	/	5.
Chloride (MG/L)	140.	/	1.	71.	/	1.	118.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.18		/UJ	0.58		/UJ	0.35
Nitrogen, Total Kjeldahl (MG/L)		N/U	0.45	0.53	N/	0.1	0.39	N/	0.1
Sulfate (MG/L)	107.	/	5.	97.	/	5.	114.	/	5.
Total Dissolved Solids (MG/L)	744.	/	20.	572.	/	20.	696.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.						

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PW30-91 10/08/91			BW-PW31-01 10/08/91			BW-PW32-01 10/08/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)	4.8	KS/	2.		U/	2.		U/	2.
Barium (UG/L)	126.	K/	10.	73.	K/	10.	123.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	107000.	/	1000.	76400.	/	1000.	118000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	1820.	/	20.	254.	/	20.	1060.	/	20.
Lead (UG/L)		UN/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)	66200.	/	1000.	38500.	/	1000.	64600.	/	1000.
Manganese (UG/L)	11.	K/	10.		U/	10.	35.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2620.	K/	100.	7720.	/	100.	3630.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	52800.	/	1000.	18300.	/	1000.	65500.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	64.	/	10.	76.	/	10.	49.	/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	390.	/	5.	326.	/	5.	409.	/	5.
Chloride (MG/L)	117.	/	1.	26.	/	1.	138.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.39		/UJ	0.66		/UJ	0.32
Nitrogen, Total Kjeldahl (MG/L)	0.3	N/	0.1	0.64	N/	0.1	0.35	N/	0.1
Sulfate (MG/L)	113.	/	5.	53.	/	5.	136.	/	5.
Total Dissolved Solids (MG/L)	688.	/	20.	414.	/	20.	776.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PW33-01 10/08/91			BW-PW34-01 10/08/91			BW-PW35-01 10/09/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	65.	K/	10.	83.	K/	10.	69.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	82700.	/	1000.	122000.	/	1000.	76500.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	123.	/	20.	741.	/	20.	3620.	/	20.
Lead (UG/L)		UN/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)	45600.	/	1000.	65200.	/	1000.	48000.	/	1000.
Manganese (UG/L)		U/	10.	19.	/	10.	86.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	5970.	/	100.	3220.	K/	100.	3240.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	21800.	/	1000.	85100.	/	1000.	43200.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)		U/	10.		U/	10.	62.	/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	352.	/	5.	417.	/	5.	295.	/	5.
Chloride (MG/L)	48.	/	1.	177.	/	1.	88.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.58		/UJ	0.13		/UJ	0.17
Nitrogen, Total Kjeldahl (MG/L)	0.61	N/	0.1		UN/	0.1	0.14	N/	0.1
Sulfate (MG/L)	88.	/	5.	112.	/	5.	82.	/	5.
Total Dissolved Solids (MG/L)	550.	/	20.	800.	/	20.	516.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW36-01 10/09/91			BW-PW37-01 10/09/91			BW-PW38-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)		US/	2.		U/	2.	3.8	K/	2.
Barium (UG/L)	103.	K/	10.	90.	K/	10.	135.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	105000.	/	1000.	105000.	/	1000.	110000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	1670.	/	20.	938.	/	20.	1890.	/	20.
Lead (UG/L)		UN/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)	67100.	/	1000.	66300.	/	1000.	70000.	/	1000.
Manganese (UG/L)	11.	K/	10.	11.	K/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2950.	K/	100.	2990.	K/	100.	2420.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	63400.	/	1000.	66400.	/	1000.	50300.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	14.	K/	10.	39.	/	10.	53.	/J	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	409.	/	5.	412.	/	5.	402.	/	5.
Chloride (MG/L)	149.	/	1.	152.	/	1.	125.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.42		/UJ	0.39		/UJ	0.42
Nitrogen, Total Kjeldahl (MG/L)	0.38	N/J	0.1	0.4	N/	0.1	0.32	N/	0.1
Sulfate (MG/L)	108.	/	5.	104.	/	5.	110.	/	5.
Total Dissolved Solids (MG/L)	746.	/	20.	736.	/	20.	692.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW38-91 10/09/91			BW-PW39-01 10/09/91			BW-PW40-01 10/09/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)	4.5	K/	2.		U/	2.		US/	2.
Barium (UG/L)	133.	K/	10.	115.	K/	10.	128.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	109000.	/	1000.	118000.	/	1000.	114000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	2080.	/	20.	342.	/	20.	1730.	/	20.
Lead (UG/L)		UN/	3.		UNS/	3.		UNS/	3.
Magnesium (UG/L)	69900.	/	1000.	63300.	/	1000.	70300.	/	1000.
Manganese (UG/L)	10.	K/J	10.	96.	/	10.	16.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2440.	K/	100.	4170.	K/	100.	3360.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	50700.	/	1000.	78200.	/	1000.	67600.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	84.	/J	10.	69.	/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	402.	/	5.	399.	/	5.	412.	/	5.
Chloride (MG/L)	127.	/	1.	146.	/	1.	148.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.35		/UJ	0.3		/UJ	0.32
Nitrogen, Total Kjeldahl (MG/L)	0.33	N/	0.1	0.27	N/	0.1	0.33	N/	0.1
Sulfate (MG/L)	108.	/	5.	145.	/	5.	111.	/	5.
Total Dissolved Solids (MG/L)	694.	/	20.	776.	/	20.	720.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW41-01 10/09/91 CONC	LQ/DVQ	RDL	BW-PW42-01 10/09/91 CONC	LQ/DVQ	RDL	BW-PW42-91 10/09/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.	8.2	KSN/J	5.		USN/	5.
Arsenic (UG/L)		U/	2.	2.9	KS/	2.	2.6	K/	2.
Barium (UG/L)	125.	K/	10.	125.	K/	10.	158.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	118000.	/	1000.	104000.	/	1000.	111000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.	12.	K/J	10.
Iron (UG/L)	1140.	/	20.	1300.	/	20.	1250.	/	20.
Lead (UG/L)		UNS/	3.		UNS/	3.		UN/	3.
Magnesium (UG/L)	65600.	/	1000.	64900.	/	1000.	68200.	/	1000.
Manganese (UG/L)	43.	/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	5950.	/	100.	4010.	K/	100.	4090.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	91600.	/	1000.	60600.	/	1000.	61000.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)		U/	10.	115.	/	10.	147.	/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	411.	/	5.	402.	/	5.	404.	/	5.
Chloride (MG/L)	158.	/	1.	120.	/	1.	119.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.37		/UJ	0.41		/UJ	0.41
Nitrogen, Total Kjeldahl (MG/L)	0.3	N/	0.1	0.36	N/	0.1	0.41	N/	0.1
Sulfate (MG/L)	144.	/	5.	115.	/	5.	115.	/J	5.
Total Dissolved Solids (MG/L)	812.	/	20.	680.	/	20.	684.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW43-01 10/09/91 CONC	LQ/DVQ	RDL	BW-PW44-01 10/09/91 CONC	LQ/DVQ	RDL	BW-PW45-01 10/09/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		USN/	5.		UN/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	69.	K/	10.	99.	K/	10.	99.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	95700.	/	1000.	101000.	/	1000.	110000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.	17.	K/	10.
Iron (UG/L)	1010.	/	20.	877.	/	20.	1230.	/	20.
Lead (UG/L)		UN/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)	63400.	/	1000.	62600.	/	1000.	68000.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	3730.	K/	100.	3030.	K/	100.	2910.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	24100.	/	1000.	57400.	/	1000.	51900.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	12.	K/	10.	68.	/	10.	22.	/	10.
Cyanide (UG/L)		U/	5.		U/	8.		U/	5.
Alkalinity, Total (MG/L)	372.	/	5.	401.	/	5.	407.	/	5.
Chloride (MG/L)	58.	/	1.	132.	/	1.	137.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/UJ	0.51		*/UJ	0.56		*/UJ	0.69
Nitrogen, Total Kjeldahl (MG/L)	0.45	N/	0.1	0.54	N/	0.1	0.53	N/	0.1
Sulfate (MG/L)	101.	/J	5.	111.	/	5.	109.	/	5.
Total Dissolved Solids (MG/L)	520.	/	20.	704.	/	20.	724.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PW46-01 10/10/91			BW-PW47-01 10/10/91			BW-PW48-01 10/10/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		K/U	55.		K/U	63.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)	14.2	S/	2.	2.7	KS/	2.		U/	2.
Barium (UG/L)	88.	K/	10.	96.	K/	10.	71.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		US/	0.2
Calcium (UG/L)	101000.	/	1000.	106000.	/	1000.	82800.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	544.	/	20.	997.	/	20.	3410.	/	20.
Lead (UG/L)	86.4	N/	3.	3.8	NS/	3.		UN/	3.
Magnesium (UG/L)	57800.	/	1000.	66300.	/	1000.	59700.	/	1000.
Manganese (UG/L)		U/	10.	11.	K/	10.	10.	K/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	4990.	K/	100.	2840.	K/	100.	2380.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	47600.	/	1000.	63400.	/	1000.	19500.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	115.	/	10.	181.	/	10.	341.	/	10.
Cyanide (UG/L)		U/	5.		U/	7.8		U/	6.5
Alkalinity, Total (MG/L)	383.	/	5.	410.	/	5.	353.	/	5.
Chloride (MG/L)	111.	/	1.	146.	/	1.	42.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		*/UJ	0.55		*/UJ	0.48		*/UJ	0.38
Nitrogen, Total Kjeldahl (MG/L)	0.56	N/	0.1	0.46	N/	0.1	0.52	N/	0.1
Sulfate (MG/L)	101.	/	5.	113.	/	5.	95.	/	5.
Total Dissolved Solids (MG/L)	628.	/	20.	718.	/	20.	496.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PW49-01 10/10/91 CONC	LQ/DVQ	RDL	BW-PW50-01 10/10/91 CONC	LQ/DVQ	RDL	BW-PW51-01 10/10/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	51.		U/	50.		U/	50.
Antimony (UG/L)		UN/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)		U/	2.		U/	2.	3.8	KS/	2.
Barium (UG/L)	87.	K/	10.	98.	K/	10.	126.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)	93800.	/	1000.	102000.	/	1000.	103000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.	15.	K/	10.
Iron (UG/L)	840.	/	20.	533.	/	20.	912.	/	20.
Lead (UG/L)		UN/	3.	4.6	NS/	3.	6.7	N/	3.
Magnesium (UG/L)	55500.	/	1000.	60300.	/	1000.	66300.	/	1000.
Manganese (UG/L)		U/	10.		U/	10.	22.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	5340.	/	100.	4740.	K/	100.	2700.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5	1.2	K/	0.5
Sodium (UG/L)	32300.	/	1000.	50700.	/	1000.	59600.	/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	19.	K/	10.		U/	10.	248.	/	10.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	369.	/	5.	389.	/	5.	399.	/	5.
Chloride (MG/L)	80.	/	1.	117.	/	1.	135.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		*/UJ	0.54		*/UJ	0.45		*/UJ	0.37
Nitrogen, Total Kjeldahl (MG/L)	1.01	N/	0.1	0.73	N/	0.1	1.09	N/	0.1
Sulfate (MG/L)	94.	/	5.	95.	/	5.	116.	/	5.
Total Dissolved Solids (MG/L)	574.	/	20.	636.	/	20.	712.	/	20.
Fecal Coliform (/100 ML)									

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

	BW-PWS2-01 10/10/91			BW-PWFB01-01 05/21/91			BW-PWFB02-01 05/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.	147.	K/	50.		U/	50.
Antimony (UG/L)		UN/	5.		U/	5.		U/	5.
Arsenic (UG/L)	4.2	KS/	2.		U/	2.		U/	2.
Barium (UG/L)	129.	K/	10.		U/	10.		U/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	0.2		UN/UJ	0.2		UN/UJ	0.2
Calcium (UG/L)	105000.	/	1000.	1010.	K/	1000.		U/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		K/U	10.		U/	10.
Iron (UG/L)	1460.	/	20.		U/	20.		U/	20.
Lead (UG/L)		UNS/	3.		U/	3.		U/	3.
Magnesium (UG/L)	66600.	/	1000.		U/	1000.		U/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2930.	K/	100.		U/	100.		U/	100.
Selenium (UG/L)		US/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)	57100.	/	1000.		U/	1000.		U/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		U/	2.
Zinc (UG/L)	53.	/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	5.		U/	10.		U/	10.
Alkalinity, Total (MG/L)	399.	/	5.		U/	5.		U/	5.
Chloride (MG/L)	121.	/	1.		U/	1.		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		*/UJ	0.1	0.24	/	0.1	0.13	/	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.78	N/	0.1	0.14	N/	0.1	0.17	N/	0.1
Sulfate (MG/L)	113.	/	5.		U/	5.		U/	5.
Total Dissolved Solids (MG/L)	694.	/	20.		U/	20.		U/	20.
Fecal Coliform (/100 ML)					/UNVAL	0.		/UNVAL	0.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PWFB03-01 05/31/91 CONC	LQ/DVQ	RDL	BW-PWFB04-01 10/08/91 CONC	LQ/DVQ	RDL	BW-PWFB05-01 10/09/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	5.		UN/	5.		UN/	5.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)		U/	10.		U/	10.		U/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		UN/	0.2		U/	0.2		U/	0.2
Calcium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.		U/	10.
Iron (UG/L)	29.5	K/	20.		U/	20.		U/	20.
Lead (UG/L)		U/	3.		UN/	3.		UN/	3.
Magnesium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Manganese (UG/L)		U/	10.		U/	10.		U/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)		U/	100.		U/	100.		U/	100.
Selenium (UG/L)		U/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	0.5		U/	0.5		U/	0.5
Sodium (UG/L)		U/	1000.		U/	1000.		U/	1000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	2.		U/	2.		US/	2.
Zinc (UG/L)		U/	10.		U/	10.		U/	10.
Cyanide (UG/L)		U/	10.		U/	5.		U/	5.
Alkalinity, Total (MG/L)		U/	5.		U/	5.		U/	5.
Chloride (MG/L)		U/	1.		U/	1.		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)	0.16	/	0.1	0.19	/J	0.1	0.2	/J	0.1
Nitrogen, Total Kjeldahl (MG/L)	0.12	N/	0.1		UN/	0.1		UN/	0.1
Sulfate (MG/L)		U/	5.		U/	5.		U/	5.
Total Dissolved Solids (MG/L)		U/	20.		U/	20.	22.	/	20.
Fecal Coliform (/100 ML)		/UNVAL	0.						

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: PW Type: MTL IND

Parameter	BW-PWFB06-01 10/10/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)	52.	K/	50.
Antimony (UG/L)		UN/	5.
Arsenic (UG/L)		U/	2.
Barium (UG/L)		U/	10.
Beryllium (UG/L)		U/	5.
Cadmium (UG/L)		U/	0.2
Calcium (UG/L)		U/	1000.
Chromium, total (UG/L)		U/	10.
Cobalt (UG/L)		U/	10.
Copper (UG/L)		U/	10.
Iron (UG/L)		U/	20.
Lead (UG/L)		UN/	3.
Magnesium (UG/L)		U/	1000.
Manganese (UG/L)		U/	10.
Mercury (UG/L)		U/	0.2
Nickel (UG/L)		U/	20.
Potassium (UG/L)		U/	100.
Selenium (UG/L)		US/	2.
Silver (UG/L)		U/	0.5
Sodium (UG/L)		U/	1000.
Thallium (UG/L)		U/	3.
Vanadium (UG/L)		U/	2.
Zinc (UG/L)		U/	10.
Cyanide (UG/L)		U/	5.
Alkalinity, Total (MG/L)		U/	5.
Chloride (MG/L)		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02
Nitrogen, Ammonia (MG/L)	0.21	*/J	0.1
Nitrogen, Total Kjeldahl (MG/L)		UN/	0.1
Sulfate (MG/L)		U/	5.
Total Dissolved Solids (MG/L)		U/	20.
Fecal Coliform (/100 ML)			

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW
Generated by: CAW
Date Issued: 26-FEB-92

BW-PW53-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	331.	5.	
Chloride (MG/L)	15.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	ND	0.03	U
Nitrogen, Ammonia (MG/L)	0.45	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	0.36	0.1	J
Total Dissolved Solids (MG/L)	484.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	ND	50.	U
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	2.1	2.	
Barium (UG/L)	88.	10.	
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	83800.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	32.	10.	
Iron (UG/L)	2030.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	49900.	1000.	
Manganese (UG/L)	14.	10.	
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	1770.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	10300.	1000.	
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	59.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

atrix: PW

BW-PW54-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	351.	5.	
Chloride (MG/L)	14.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	0.09	0.02	
Nitrogen, Ammonia (MG/L)	0.38	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	ND	0.2	UJ
Total Dissolved Solids (MG/L)	554.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	ND	50.	U
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	ND	10.	U
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	1220.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	14.	10.	
Iron (UG/L)	69.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	ND	1000.	U
Manganese (UG/L)	ND	10.	U
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	550.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	200000.	1000.	
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	17.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

atrix: PW

BW-PW55-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	353.	5.	
Chloride (MG/L)	15.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	ND	0.02	U
Nitrogen, Ammonia (MG/L)	0.48	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	0.28	0.1	J
Total Dissolved Solids (MG/L)	514.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	ND	50.	U
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	80.	10.	
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	95800.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	ND	10.	U
Iron (UG/L)	1390.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	54000.	1000.	
Manganese (UG/L)	16.	10.	
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	1930.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	9200.	1000.	
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	11.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW

BW-PW56-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	354.	5.	
Chloride (MG/L)	68.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	ND	0.03	U
Nitrogen, Ammonia (MG/L)	0.58	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	0.51	0.1	J
Total Dissolved Solids (MG/L)	692.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	50.	50.	
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	109.	10.	
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	110000.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	13.	10.	
Iron (UG/L)	1150.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	62700.	1000.	
Manganese (UG/L)	10.	10.	
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	2460.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	29600.	1000.	
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	71.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

matrix: PW

BW-PW56-91 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	347.	5.	
Chloride (MG/L)	68.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	ND	0.02	U
Nitrogen, Ammonia (MG/L)	0.59	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	0.5	0.1	J
Total Dissolved Solids (MG/L)	686.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	ND	50.	U
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	114.	10.	
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	112000.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	13.	10.	
Iron (UG/L)	1190.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	63600.	1000.	
Manganese (UG/L)	11.	10.	
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	2540.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	29500.	1000.	
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	71.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: PW

BW-PW57-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	322.	5.	
Chloride (MG/L)	26.	1.	
Nitrate+Nitrite Nitrogen (MG/L)	ND	0.04	U
Nitrogen, Ammonia (MG/L)	0.67	0.1	J
Nitrogen, Total Kjeldahl (MG/L)	0.66	0.1	J
Total Dissolved Solids (MG/L)	482.	20.	

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	56.	50.	
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	57.	10.	
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	0.64	0.2	
Calcium (UG/L)	80900.	1000.	
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	18.	10.	
Iron (UG/L)	1230.	20.	
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	46600.	1000.	
Manganese (UG/L)	10.	10.	
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	3610.	100.	
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	19600.	1000.	
Thallium (UG/L)	ND	3.	UJ
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	22.	10.	
Cyanide (UG/L)	ND	5.	U

SUMMARY OF ANALYTICAL DATA
Blackwell Landfill RI/FS
DuPage County, Illinois

atrix: PW

BW-PWFB07-01 12/19/91

(IND) Indicators

Compound (Units)	Concentration	RDL	Qualifier
Alkalinity, Total (MG/L)	ND	5.	U
Chloride (MG/L)	ND	1.	U
Nitrate+Nitrite Nitrogen (MG/L)	0.04	0.02	
Nitrogen, Ammonia (MG/L)	ND	0.1	U
Nitrogen, Total Kjeldahl (MG/L)	0.26	0.1	
Total Dissolved Solids (MG/L)	ND	20.	U

(MTL) Metals/Cyanide

Compound (Units)	Concentration	RDL	Qualifier
Aluminum (UG/L)	ND	50.	U
Antimony (UG/L)	ND	5.	U
Arsenic (UG/L)	ND	2.	U
Barium (UG/L)	ND	10.	U
Beryllium (UG/L)	ND	5.	U
Cadmium (UG/L)	ND	0.2	U
Calcium (UG/L)	ND	1000.	U
Chromium, total (UG/L)	ND	10.	U
Cobalt (UG/L)	ND	10.	U
Copper (UG/L)	ND	10.	U
Iron (UG/L)	ND	20.	U
Lead (UG/L)	ND	3.	U
Magnesium (UG/L)	ND	1000.	U
Manganese (UG/L)	ND	10.	U
Mercury (UG/L)	ND	0.2	U
Nickel (UG/L)	ND	20.	U
Potassium (UG/L)	ND	100.	U
Selenium (UG/L)	ND	2.	U
Silver (UG/L)	ND	0.5	U
Sodium (UG/L)	ND	1000.	U
Thallium (UG/L)	ND	3.	U
Vanadium (UG/L)	ND	2.	U
Zinc (UG/L)	ND	10.	U
Cyanide (UG/L)	ND	5.	U

B-6

SURFACE WATER SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: VOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW01-01 09/24/91			BW-SW02-01 09/24/91			BW-SW03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: VOC

	BW-SW04-01 09/23/91			BW-SW04-91 09/23/91			BW-SW05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

...ion of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: VOC

	BW-SW06-01 09/23/91			BW-SW07-01 09/24/91			BW-SW08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: VOC

	BW-SWFB01-01 09/23/91			BW-SWFB02-01 06/18/92			BW-SWTB01-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)	3.	J/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.	7.	J/J	10.	6.	J/J	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.	2.	J/	10.	2.	J/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the (!e, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: VOC

	BW-TB06-01 09/23/91			BW-TB07-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.
Methylene chloride (UG/L)	2.	BJ/	10.	2.	BJ/	10.
Acetone (UG/L)		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW01-01 09/24/91			BW-SW02-01 09/24/91			BW-SW03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

	BW-SW04-01 09/23/91			BW-SW04-91 09/23/91			BW-SW05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

	BW-SW06-01 09/23/91			BW-SW07-01 09/24/91			BW-SW08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

	BW-SWF801-01 09/23/91			BW-SWF802-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.	2.	J/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

Parameter	BW-SW01-01 09/24/91			BW-SW02-01 09/24/91			BW-SW03-01 09/24/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

	BW-SW04-01 09/23/91			BW-SW04-91 09/23/91			BW-SW05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

Parameter	BW-SW06-01 09/23/91 CONC	LQ/DVQ	RDL	BW-SW07-01 09/24/91 CONC	LQ/DVQ	RDL	BW-SW08-01 09/24/91 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: SVOC

Parameter	BW-SWFB01-01 09/23/91 CONC	LQ/DVQ	RDL	BW-SWFB02-01 06/18/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.	3.	J/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)	1.	J/	10.	25.	B/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: PPCB
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW01-01 09/24/91			BW-SW02-01 09/24/91			BW-SW03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: PPCB

	BW-SW04-01 09/23/91			BW-SW04-91 09/23/91			BW-SW05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: PPCB

	BW-SW06-01 09/23/91			BW-SW07-01 09/24/91			BW-SW08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
beta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
delta-BHC (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor (UG/L)		U/	0.05		U/	0.05		U/	0.05
Aldrin (UG/L)		U/	0.05		U/	0.05		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05		U/	0.05		U/	0.05
Endosulfan I (UG/L)		U/	0.05		U/	0.05		U/	0.05
Dieldrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDE (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endrin (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan II (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDD (UG/L)		U/	0.1		U/	0.1		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1		U/	0.1		U/	0.1
4,4'-DDT (UG/L)		U/	0.1		U/	0.1		U/	0.1
Methoxychlor (UG/L)		U/	0.5		U/	0.5		U/	0.5
Endrin ketone (UG/L)		U/	0.1		U/	0.1		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05		U/	0.05		U/	0.05
Toxaphene (UG/L)		U/	5.		U/	5.		U/	5.
Aroclor-1016 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1221 (UG/L)		U/	2.		U/	2.		U/	2.
Aroclor-1232 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1242 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1248 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1254 (UG/L)		U/	1.		U/	1.		U/	1.
Aroclor-1260 (UG/L)		U/	1.		U/	1.		U/	1.
Endrin aldehyde (UG/L)		U/	0.1		U/	0.1		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: PPCB

BW-SWFB01-01 09/23/91

Parameter	CONC	LQ/DVQ	RDL
alpha-BHC (UG/L)		U/	0.05
beta-BHC (UG/L)		U/	0.05
delta-BHC (UG/L)		U/	0.05
gamma-BHC (Lindane) (UG/L)		U/	0.05
Heptachlor (UG/L)		U/	0.05
Aldrin (UG/L)		U/	0.05
Heptachlor epoxide (UG/L)		U/	0.05
Endosulfan I (UG/L)		U/	0.05
Dieldrin (UG/L)		U/	0.1
4,4'-DDE (UG/L)		U/	0.1
Endrin (UG/L)		U/	0.1
Endosulfan II (UG/L)		U/	0.1
4,4'-DDD (UG/L)		U/	0.1
Endosulfan sulfate (UG/L)		U/	0.1
4,4'-DDT (UG/L)		U/	0.1
Methoxychlor (UG/L)		U/	0.5
Endrin ketone (UG/L)		U/	0.1
alpha-Chlordane (UG/L)		U/	0.05
gamma-Chlordane (UG/L)		U/	0.05
Toxaphene (UG/L)		U/	5.
Aroclor-1016 (UG/L)		U/	1.
Aroclor-1221 (UG/L)		U/	2.
Aroclor-1232 (UG/L)		U/	1.
Aroclor-1242 (UG/L)		U/	1.
Aroclor-1248 (UG/L)		U/	1.
Aroclor-1254 (UG/L)		U/	1.
Aroclor-1260 (UG/L)		U/	1.
Endrin aldehyde (UG/L)		U/	0.1

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SW
Generated by: CAW
Date Issued: 30-APR-93

BW-SW02-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Oxirane, (butoxymethyl)- (UG/L)	4.	JN/

BW-SW04-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/
Unknown (UG/L)	3.	J/

BW-SW04-91 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	2.	J/

BW-SW05-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	6.	J/
Unknown (UG/L)	11.	J/
Octanoic acid (UG/L)	4.	JN/
Unknown (UG/L)	20.	J/
Unknown (UG/L)	3.	J/
Unknown hydrocarbon (UG/L)	6.	J/
Unknown hydrocarbon (UG/L)	3.	J/
Unknown hydrocarbon (UG/L)	4.	J/
Unknown hydrocarbon (UG/L)	6.	J/
Unknown hydrocarbon (UG/L)	4.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SW

BW-SW06-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	3.	J/
Unknown hydrocarbon (UG/L)	4.	J/
Unknown hydrocarbon (UG/L)	6.	J/

BW-SWFB01-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Trimethylpentyl phenol (UG/L)	6.	J/
Unknown (UG/L)	5.	J/
Tetramethylpentyl phenol (UG/L)	6.	J/
Unknown (UG/L)	2.	J/
Trimethylpentyl phenol (UG/L)	11.	J/
Unknown (UG/L)	7.	J/

BW-SWFB02-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	3.	J/
Unknown (UG/L)	3.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: IND MTL
Generated by: CAW
Date Issued: 30-APR-93

Parameter	BW-SW01-01 09/24/91			BW-SW02-01 09/24/91			BW-SW03-01 09/24/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.	191.	K/	50.	588.	/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)	2.1	K/	2.	2.9	K/	2.	3.6	K/	2.
Barium (UG/L)	14.	K/	10.	21.	K/	10.	30.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	17800.	/	1000.	23400.	/	1000.	32400.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)	21.	K/	10.	25.	/	10.	16.	K/	10.
Iron (UG/L)	132.	/	20.	457.	/	20.	1340.	/	20.
Lead (UG/L)		U/	3.		U/	3.	5.3	/	3.
Magnesium (UG/L)	28800.	/	1000.	27800.	/	1000.	29400.	/	1000.
Manganese (UG/L)		U/	10.	32.	/	10.	72.	/	10.
Mercury (UG/L)	0.21	/	0.2		U/	0.2	0.34	/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2730.	K/	100.	2770.	K/	100.	2960.	K/	100.
Selenium (UG/L)		U/	2.		U/	2.		U/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	13600.	/	2000.	10800.	/	2000.	11300.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		/U	28.		/U	38.		/U	30.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	126.	/	5.	125.	/	5.	120.	/	5.
Chloride (MG/L)	31.	/	1.	28.	/	1.	28.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.22		U/	0.1		U/	0.1
Nitrogen, Total Kjeldahl (MG/L)		/U	0.87		/U	0.57		/U	0.17
Sulfate (MG/L)	45.	/	5.	51.	/	5.	51.	/	5.
Total Dissolved Solids (MG/L)	202.	/	20.	244.	/	20.	248.	/	20.

[illegible] parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: IND MTL

	BW-SW04-01 09/23/91			BW-SW04-91 09/23/91			BW-SW05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.		U/	50.		U/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)		U/	2.		U/	2.		U/	2.
Barium (UG/L)	37.	K/	10.	36.	K/	10.	38.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	45500.	/	1000.	43800.	/	1000.	42100.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.		U/	10.	19.	K/	10.
Iron (UG/L)	324.	/	20.	283.	/	20.	195.	/	20.
Lead (UG/L)		U/	3.		U/	3.		U/	3.
Magnesium (UG/L)	51400.	/	1000.	51000.	/	1000.	51600.	/	1000.
Manganese (UG/L)	52.	/	10.	49.	/	10.	66.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2	0.23	/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	4600.	K/	100.	4520.	K/	100.	4510.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	37300.	/	2000.	33000.	/	2000.	33400.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.		U/	10.		/U	35.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	224.	/	5.	223.	/	5.	226.	/	5.
Chloride (MG/L)	72.	/	1.	71.	/	1.	71.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		/U	0.1		U/	0.1		/U	0.14
Nitrogen, Total Kjeldahl (MG/L)		/U	1.37		/U	1.01		/U	2.73
Sulfate (MG/L)	107.	/	5.	103.	/	5.	108.	/	5.
Total Dissolved Solids (MG/L)	496.	/	20.	458.	/	20.	432.	/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: IND MTL

Parameter	BW-SW06-01 09/23/91 CONC	LQ/DVQ	RDL	BW-SW07-01 09/24/91 CONC	LQ/DVQ	RDL	BW-SW08-01 09/24/91 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.	915.	/	50.	1520.	/	50.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)	2.8	K/	2.		U/	2.	2.	K/	2.
Barium (UG/L)	10.	K/	10.	37.	K/	10.	44.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	14600.	/	1000.	114000.	/	1000.	117000.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		U/	10.	34.	/	10.	39.	/	10.
Iron (UG/L)	137.	/	20.	1490.	/	20.	2540.	/	20.
Lead (UG/L)		U/	3.	6.8	S/	3.	10.9	S/	3.
Magnesium (UG/L)	30400.	/	1000.	51600.	/	1000.	52400.	/	1000.
Manganese (UG/L)	23.	/	10.	25.	/	10.	43.	/	10.
Mercury (UG/L)		U/	0.2		U/	0.2		U/	0.2
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2110.	K/	100.	13900.	/	100.	14200.	/	100.
Selenium (UG/L)		U/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	17700.	/	2000.	342000.	/	2000.	338000.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		U/	10.	56.	/	10.	72.	/	10.
Cyanide (UG/L)		U/	5.	13.	/	5.	8.	K/	5.
Alkalinity, Total (MG/L)	105.	/	5.	312.	/	5.	307.	/	5.
Chloride (MG/L)	44.	/	1.	721.	/	1.	599.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02	15.5	/	0.02	14.8	/	0.02
Nitrogen, Ammonia (MG/L)		U/	0.1		/U	0.12		/U	0.12
Nitrogen, Total Kjeldahl (MG/L)		/U	1.03		/U	1.35		/U	1.51
Sulfate (MG/L)	41.	/	5.	230.	/	5.	226.	/	5.
Total Dissolved Solids (MG/L)	220.	/	20.	1600.	/	20.	1610.	/	20.

- - - Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: IND MTL

Parameter	BW-SW12-01 06/19/92			BW-SW13-01 06/19/92			BW-SWFB01-01 09/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)								U/	50.
Antimony (UG/L)								U/	50.
Arsenic (UG/L)								U/	2.
Barium (UG/L)								U/	10.
Beryllium (UG/L)								U/	5.
Cadmium (UG/L)								U/	5.
Calcium (UG/L)								U/	1000.
Chromium, total (UG/L)								U/	10.
Cobalt (UG/L)								U/	10.
Copper (UG/L)								U/	10.
Iron (UG/L)								U/	20.
Lead (UG/L)								U/	3.
Magnesium (UG/L)								U/	1000.
Manganese (UG/L)								U/	10.
Mercury (UG/L)		/U	0.39		U/	0.2		U/	0.2
Nickel (UG/L)								U/	20.
Potassium (UG/L)								U/	100.
Selenium (UG/L)								U/	2.
Silver (UG/L)								U/	10.
Sodium (UG/L)								U/	2000.
Thallium (UG/L)								U/	3.
Vanadium (UG/L)								U/	50.
Zinc (UG/L)							11.	K/	10.
Cyanide (UG/L)								U/	5.
Alkalinity, Total (MG/L)								U/	5.
Chloride (MG/L)								U/	1.
Nitrate+Nitrite Nitrogen (MG/L)								U/	0.02
Nitrogen, Ammonia (MG/L)							0.13	/	0.1
Nitrogen, Total Kjeldahl (MG/L)							0.87	/	0.1
Sulfate (MG/L)								U/	5.
Total Dissolved Solids (MG/L)								U/	20.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SW Type: IND MTL

Parameter	BW-SWFB02-01 06/18/92 CONC	LQ/DVQ	RDL
Aluminum (UG/L)		U/	50.
Antimony (UG/L)		U/	50.
Arsenic (UG/L)		U/	2.
Barium (UG/L)		U/	10.
Beryllium (UG/L)		U/	5.
Cadmium (UG/L)		U/	5.
Calcium (UG/L)		U/	1000.
Chromium, total (UG/L)		U/	10.
Cobalt (UG/L)		U/	10.
Copper (UG/L)	14.	K/	10.
Iron (UG/L)		/U	239.
Lead (UG/L)		UN*/	3.
Magnesium (UG/L)		U/	1000.
Manganese (UG/L)		U/	10.
Mercury (UG/L)		/	0.34
Nickel (UG/L)		U/	20.
Potassium (UG/L)		U/	100.
Selenium (UG/L)		US/	2.
Silver (UG/L)		U/	10.
Sodium (UG/L)		U/	2000.
Thallium (UG/L)		U/	3.
Vanadium (UG/L)		U/	50.
Zinc (UG/L)	67.	/	10.
Cyanide (UG/L)		U/	5.
Alkalinity, Total (MG/L)		U/	5.
Chloride (MG/L)		U/	1.
Nitrate+Nitrite Nitrogen (MG/L)	0.02	/	0.02
Nitrogen, Ammonia (MG/L)	0.23	*/J	0.1
Nitrogen, Total Kjeldahl (MG/L)		UN/UJ	0.1
Sulfate (MG/L)	6.	/	5.
Total Dissolved Solids (MG/L)	8.	/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-6a

DISQUALIFIED SURFACE WATER SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: VOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW09-01 06/18/92			BW-SW09-91 06/18/92			BW-SW10-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.		U/	10.		U/	10.
Bromomethane (UG/L)		U/	10.		U/	10.		U/	10.
Vinyl chloride (UG/L)		U/	10.		U/	10.		U/	10.
Chloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Methylene chloride (UG/L)		U/	10.		U/	10.		U/	10.
Acetone (UG/L)		U/	10.		U/	10.		U/	10.
Carbon disulfide (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.		U/	10.		U/	10.
Chloroform (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
2-Butanone (UG/L)		U/	10.		U/	10.		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Carbon tetrachloride (UG/L)		U/	10.		U/	10.		U/	10.
Bromodichloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.		U/	10.		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Trichloroethene (UG/L)		U/	10.		U/	10.		U/	10.
Dibromochloromethane (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Benzene (UG/L)		U/	10.		U/	10.		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.		U/	10.		U/	10.
Bromoform (UG/L)		U/	10.		U/	10.		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.		U/	10.		U/	10.
2-Hexanone (UG/L)		U/	10.		U/	10.		U/	10.
Tetrachloroethene (UG/L)		U/	10.		U/	10.		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Toluene (UG/L)		U/	10.		U/	10.		U/	10.
Chlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Ethylbenzene (UG/L)		U/	10.		U/	10.		U/	10.
Styrene (UG/L)		U/	10.		U/	10.		U/	10.
Xylenes (total) (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: VOC

Parameter	BW-SW11-01 06/18/92 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	10.
Bromomethane (UG/L)		U/	10.
Vinyl chloride (UG/L)		U/	10.
Chloroethane (UG/L)		U/	10.
Methylene chloride (UG/L)		U/	10.
Acetone (UG/L)		U/	10.
Carbon disulfide (UG/L)		U/	10.
1,1-Dichloroethene (UG/L)		U/	10.
1,1-Dichloroethane (UG/L)		U/	10.
1,2-Dichloroethene (total) (UG/L)		U/	10.
Chloroform (UG/L)		U/	10.
1,2-Dichloroethane (UG/L)		U/	10.
2-Butanone (UG/L)		U/	10.
1,1,1-Trichloroethane (UG/L)		U/	10.
Carbon tetrachloride (UG/L)		U/	10.
Bromodichloromethane (UG/L)		U/	10.
1,2-Dichloropropane (UG/L)		U/	10.
cis-1,3-Dichloropropene (UG/L)		U/	10.
Trichloroethene (UG/L)		U/	10.
Dibromochloromethane (UG/L)		U/	10.
1,1,2-Trichloroethane (UG/L)		U/	10.
Benzene (UG/L)		U/	10.
trans-1,3-Dichloropropene (UG/L)		U/	10.
Bromoform (UG/L)		U/	10.
4-Methyl-2-pentanone (UG/L)		U/	10.
2-Hexanone (UG/L)		U/	10.
Tetrachloroethene (UG/L)		U/	10.
1,1,2,2-Tetrachloroethane (UG/L)		U/	10.
Toluene (UG/L)		U/	10.
Chlorobenzene (UG/L)		U/	10.
Ethylbenzene (UG/L)		U/	10.
Styrene (UG/L)		U/	10.
Xylenes (total) (UG/L)		U/	10.

CONC = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW09-01 06/18/92			BW-SW09-91 06/18/92			BW-SW10-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.		U/	10.		U/	10.
2-Chlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.		U/	10.		U/	10.
4-Methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.		U/	10.		U/	10.
Hexachloroethane (UG/L)		U/	10.		U/	10.		U/	10.
Nitrobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Isophorone (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitrophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Naphthalene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloroaniline (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.		U/	10.		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.		U/	10.		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.		U/	10.		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.		U/	10.		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.		U/	10.		U/	10.
2-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Dimethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Acenaphthylene (UG/L)		U/	10.		U/	10.		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
3-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
Acenaphthene (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.		U/	25.		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: SVOC

Parameter	BW-SW11-01 06/18/92 CONC	LQ/DVQ	RDL
Phenol (UG/L)		U/	10.
bis(2-Chloroethyl) ether (UG/L)		U/	10.
2-Chlorophenol (UG/L)		U/	10.
1,3-Dichlorobenzene (UG/L)		U/	10.
1,4-Dichlorobenzene (UG/L)		U/	10.
1,2-Dichlorobenzene (UG/L)		U/	10.
2-Methylphenol (UG/L)		U/	10.
bis(2-Chloroisopropyl)ether (UG/L)		U/	10.
4-Methylphenol (UG/L)		U/	10.
N-Nitroso-di-n-propylamine (UG/L)		U/	10.
Hexachloroethane (UG/L)		U/	10.
Nitrobenzene (UG/L)		U/	10.
Isophorone (UG/L)		U/	10.
2-Nitrophenol (UG/L)		U/	10.
2,4-Dimethylphenol (UG/L)		U/	10.
bis(2-Chloroethoxy)methane (UG/L)		U/	10.
2,4-Dichlorophenol (UG/L)		U/	10.
1,2,4-Trichlorobenzene (UG/L)		U/	10.
Naphthalene (UG/L)		U/	10.
4-Chloroaniline (UG/L)		U/	10.
Hexachlorobutadiene (UG/L)		U/	10.
4-Chloro-3-methylphenol (UG/L)		U/	10.
2-Methylnaphthalene (UG/L)		U/	10.
Hexachlorocyclopentadiene (UG/L)		U/	10.
2,4,6-Trichlorophenol (UG/L)		U/	10.
2,4,5-Trichlorophenol (UG/L)		U/	25.
2-Chloronaphthalene (UG/L)		U/	10.
2-Nitroaniline (UG/L)		U/	25.
Dimethylphthalate (UG/L)		U/	10.
Acenaphthylene (UG/L)		U/	10.
2,6-Dinitrotoluene (UG/L)		U/	10.
3-Nitroaniline (UG/L)		U/	25.
Acenaphthene (UG/L)		U/	10.
2,4-Dinitrophenol (UG/L)		U/	25.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: SVOC

	BW-SW09-01 06/18/92			BW-SW09-91 06/18/92			BW-SW10-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.		U/	25.		U/	25.
Dibenzofuran (UG/L)		U/	10.		U/	10.		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.		U/	10.		U/	10.
Diethylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Fluorene (UG/L)		U/	10.		U/	10.		U/	10.
4-Nitroaniline (UG/L)		U/	25.		U/	25.		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.		U/	25.		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.		U/	10.		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.		U/	10.		U/	10.
Hexachlorobenzene (UG/L)		U/	10.		U/	10.		U/	10.
Pentachlorophenol (UG/L)		U/	25.		U/	25.		U/	25.
Phenanthrene (UG/L)		U/	10.		U/	10.		U/	10.
Anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
Fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.		U/	10.		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Chrysene (UG/L)		U/	10.		U/	10.		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.		U/	10.		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.		U/	10.		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.		U/	10.		U/	10.
Carbazole (UG/L)		U/	10.		U/	10.		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: SVOC

Parameter	BW-SW11-01 06/18/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/L)		U/	25.
Dibenzofuran (UG/L)		U/	10.
2,4-Dinitrotoluene (UG/L)		U/	10.
Diethylphthalate (UG/L)		U/	10.
4-Chlorophenyl-phenylether (UG/L)		U/	10.
Fluorene (UG/L)		U/	10.
4-Nitroaniline (UG/L)		U/	25.
4,6-Dinitro-2-methylphenol (UG/L)		U/	25.
N-nitrosodiphenylamine (UG/L)		U/	10.
4-Bromophenyl-phenylether (UG/L)		U/	10.
Hexachlorobenzene (UG/L)		U/	10.
Pentachlorophenol (UG/L)		U/	25.
Phenanthrene (UG/L)		U/	10.
Anthracene (UG/L)		U/	10.
Di-n-butylphthalate (UG/L)		U/	10.
Fluoranthene (UG/L)		U/	10.
Pyrene (UG/L)		U/	10.
Butylbenzylphthalate (UG/L)		U/	10.
3,3'-Dichlorobenzidine (UG/L)		U/	10.
Benzo(a)anthracene (UG/L)		U/	10.
Chrysene (UG/L)		U/	10.
bis(2-ethylhexyl)phthalate (UG/L)		U/	10.
Di-n-octyl Phthalate (UG/L)		U/	10.
Benzo(b)fluoranthene (UG/L)		U/	10.
Benzo(k)fluoranthene (UG/L)		U/	10.
Benzo(a)pyrene (UG/L)		U/	10.
Indeno(1,2,3-cd)pyrene (UG/L)		U/	10.
Dibenz(a,h)anthracene (UG/L)		U/	10.
Benzo(g,h,i)perylene (UG/L)		U/	10.
Carbazole (UG/L)		U/	10.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SWB
Generated by: CAW
Date Issued: 30-APR-93

BW-SW09-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	5.	J/
Unknown (UG/L)	3.	J/

BW-SW10-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/L)	6.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: IND MTL
Generated by: CAW
Date Issued: 30-APR-93

	BW-SW09-01 06/18/92			BW-SW09-91 06/18/92			BW-SW10-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Aluminum (UG/L)		K/U	101.		K/U	61.		K/U	122.
Antimony (UG/L)		U/	50.		U/	50.		U/	50.
Arsenic (UG/L)	3.1	K/	2.	3.	K/	2.	3.2	K/	2.
Barium (UG/L)	23.	K/	10.	22.	K/	10.	25.	K/	10.
Beryllium (UG/L)		U/	5.		U/	5.		U/	5.
Cadmium (UG/L)		U/	5.		U/	5.		U/	5.
Calcium (UG/L)	26400.	/	1000.	25200.	/	1000.	23600.	/	1000.
Chromium, total (UG/L)		U/	10.		U/	10.		U/	10.
Cobalt (UG/L)		U/	10.		U/	10.		U/	10.
Copper (UG/L)		/U	29.		K/U	15.		K/U	18.
Iron (UG/L)		/U	413.		/U	471.		/U	415.
Lead (UG/L)		UNS*/	3.		UN*/	3.		UN*/	3.
Magnesium (UG/L)	21400.	/	1000.	21500.	/	1000.	21100.	/	1000.
Manganese (UG/L)	45.	/	0.3	45.	/	10.	69.	/	10.
Mercury (UG/L)		/U	0.3		U/	0.2		/U	0.43
Nickel (UG/L)		U/	20.		U/	20.		U/	20.
Potassium (UG/L)	2610.	K/	100.	2540.	K/	100.	2610.	K/	100.
Selenium (UG/L)		US/	2.		US/	2.		US/	2.
Silver (UG/L)		U/	10.		U/	10.		U/	10.
Sodium (UG/L)	45600.	/	2000.	44000.	/	2000.	44000.	/	2000.
Thallium (UG/L)		U/	3.		U/	3.		U/	3.
Vanadium (UG/L)		U/	50.		U/	50.		U/	50.
Zinc (UG/L)		/U	32.		K/U	17.		/U	23.
Cyanide (UG/L)		U/	5.		U/	5.		U/	5.
Alkalinity, Total (MG/L)	122.	/	5.	110.	/	5.	119.	/	5.
Chloride (MG/L)	92.	/	1.	94.	/	1.	92.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02		U/	0.02		U/	0.02
Nitrogen, Ammonia (MG/L)		*/UJ	0.2		*/UJ	0.14		*/UJ	0.3
Nitrogen, Total Kjeldahl (MG/L)	1.03	N/J	0.1	0.85	N/J	0.1	1.27	N/J	0.1
Sulfate (MG/L)		/U	22.		/U	22.		/U	18.
Total Dissolved Solids (MG/L)	298.	/	1.	312.	/	1.	312.	/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SWB Type: IND MTL

Parameter	BW-SW11-01 06/18/92 CONC	LQ/DVQ	RDL
Aluminum (UG/L)	456.	/	50.
Antimony (UG/L)		U/	50.
Arsenic (UG/L)	4.	K/	2.
Barium (UG/L)	40.	K/	10.
Beryllium (UG/L)		U/	5.
Cadmium (UG/L)		U/	5.
Calcium (UG/L)	38900.	/	1000.
Chromium, total (UG/L)		U/	10.
Cobalt (UG/L)		U/	10.
Copper (UG/L)		/U	55.
Iron (UG/L)	1320.	/	20.
Lead (UG/L)		UNS*/	3.
Magnesium (UG/L)	22400.	/	1000.
Manganese (UG/L)	176.	/	10.
Mercury (UG/L)		/U	0.41
Nickel (UG/L)		U/	20.
Potassium (UG/L)	2920.	K/	100.
Selenium (UG/L)		US/	2.
Silver (UG/L)	10.	/	10.
Sodium (UG/L)	46500.	/	2000.
Thallium (UG/L)		U/	3.
Vanadium (UG/L)		U/	50.
Zinc (UG/L)		/U	56.
Cyanide (UG/L)		U/	5.
Alkalinity, Total (MG/L)	159.	/	5.
Chloride (MG/L)	97.	/	1.
Nitrate+Nitrite Nitrogen (MG/L)		U/	0.02
Nitrogen, Ammonia (MG/L)		*/UJ	0.89
Nitrogen, Total Kjeldahl (MG/L)	0.98	N/J	0.1
Sulfate (MG/L)		/U	19.
Total Dissolved Solids (MG/L)	364.	/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

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SEDIMENT SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: VOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD01-01 09/24/91			BW-SD02-01 09/24/91			BW-SD03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	14.		U/	15.		U/	21.
Bromomethane (UG/KG)		U/	14.		U/	15.		U/	21.
Vinyl chloride (UG/KG)		U/	14.		U/	15.		U/	21.
Chloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
Methylene chloride (UG/KG)		B/U	31.		B/U	77.		BJ/U	21.
Acetone (UG/KG)		/U	22.		B/U	37.		/U	28.
Carbon disulfide (UG/KG)		U/	14.		U/	15.		U/	21.
1,1-Dichloroethene (UG/KG)		U/	14.		U/	15.		U/	21.
1,1-Dichloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
1,2-Dichloroethene (total) (UG/KG)		U/	14.		U/	15.		U/	21.
Chloroform (UG/KG)		U/	14.		U/	15.		U/	21.
1,2-Dichloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
2-Butanone (UG/KG)		U/	14.		U/	15.		U/	21.
1,1,1-Trichloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
Carbon tetrachloride (UG/KG)		U/	14.		U/	15.		U/	21.
Bromodichloromethane (UG/KG)		U/	14.		U/	15.		U/	21.
1,2-Dichloropropane (UG/KG)		U/	14.		U/	15.		U/	21.
cis-1,3-Dichloropropene (UG/KG)		U/	14.		U/	15.		U/	21.
Trichloroethene (UG/KG)		U/	14.		U/	15.		U/	21.
Dibromochloromethane (UG/KG)		U/	14.		U/	15.		U/	21.
1,1,2-Trichloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
Benzene (UG/KG)		U/	14.		U/	15.		U/	21.
trans-1,3-Dichloropropene (UG/KG)		U/	14.		U/	15.		U/	21.
Bromoform (UG/KG)		U/	14.		U/	15.		U/	21.
4-Methyl-2-pentanone (UG/KG)		U/	14.		U/	15.		U/	21.
2-Hexanone (UG/KG)		U/	14.		U/	15.		U/	21.
Tetrachloroethene (UG/KG)		U/	14.		U/	15.		U/	21.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	14.		U/	15.		U/	21.
Toluene (UG/KG)		U/	14.		U/	15.		U/	21.
Chlorobenzene (UG/KG)		U/	14.		U/	15.		U/	21.
Ethylbenzene (UG/KG)		U/	14.		U/	15.		U/	21.
Styrene (UG/KG)		U/	14.		U/	15.		U/	21.
Xylenes (total) (UG/KG)		U/	14.		U/	15.		U/	21.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: VOC

Parameter	BW-SD04-01 09/23/91			BW-SD04-91 09/23/91			BW-SD05-01 09/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	20.		U/	17.		U/	28.
Bromomethane (UG/KG)		U/	20.		U/	17.		U/	28.
Vinyl chloride (UG/KG)	5.	J/J	20.	5.	J/J	17.		U/	28.
Chloroethane (UG/KG)		U/	20.		U/	17.		U/	28.
Methylene chloride (UG/KG)		B/U	41.		B/U	24.		B/U	46.
Acetone (UG/KG)		B/U	59.		B/U	49.		B/U	140.
Carbon disulfide (UG/KG)		U/	20.		U/	17.	5.	J/J	28.
1,1-Dichloroethene (UG/KG)		U/	20.		U/	17.		U/	28.
1,1-Dichloroethane (UG/KG)	3.	J/J	20.	2.	J/J	17.		U/	28.
1,2-Dichloroethene (total) (UG/KG)		U/	20.		U/	17.		U/	28.
Chloroform (UG/KG)		U/	20.		U/	17.		U/	28.
1,2-Dichloroethane (UG/KG)		U/	20.		U/	17.		U/	28.
2-Butanone (UG/KG)		B/U	22.		U/	17.		B/U	41.
1,1,1-Trichloroethane (UG/KG)		U/	20.		U/	17.		U/	28.
Carbon tetrachloride (UG/KG)		U/	20.		U/	17.		U/	28.
Bromodichloromethane (UG/KG)		U/	20.		U/	17.		U/	28.
1,2-Dichloropropane (UG/KG)		U/	20.		U/	17.		U/	28.
cis-1,3-Dichloropropene (UG/KG)		U/	20.		U/	17.		U/	28.
Trichloroethene (UG/KG)		U/	20.		U/	17.		U/	28.
Dibromochloromethane (UG/KG)		U/	20.		U/	17.		U/	28.
1,1,2-Trichloroethane (UG/KG)		U/	20.		U/	17.		U/	28.
Benzene (UG/KG)		U/	20.		U/	17.		U/	28.
trans-1,3-Dichloropropene (UG/KG)		U/	20.		U/	17.		U/	28.
Bromoform (UG/KG)		U/	20.		U/	17.		U/	28.
4-Methyl-2-pentanone (UG/KG)		U/	20.		U/	17.		U/	28.
2-Hexanone (UG/KG)		U/	20.		U/	17.		U/	28.
Tetrachloroethene (UG/KG)		U/	20.		U/	17.		U/	28.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	20.		U/	17.		U/	28.
Toluene (UG/KG)		U/	20.		U/	17.		U/	28.
Chlorobenzene (UG/KG)		U/	20.		U/	17.		U/	28.
Ethylbenzene (UG/KG)		U/	20.		U/	17.		U/	28.
Styrene (UG/KG)		U/	20.		U/	17.		U/	28.
Xylenes (total) (UG/KG)		U/	20.		U/	17.		U/	28.

Note: Conc = Concentration of parameter detected in the le, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: VOC

	BW-SD06-01 09/23/91			BW-SD07-01 09/24/91			BW-SD08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	27.		U/	13.		U/	19.
Bromomethane (UG/KG)		U/	27.		U/	13.		U/	19.
Vinyl chloride (UG/KG)		U/	27.		U/	13.		U/	19.
Chloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
Methylene chloride (UG/KG)		B/U	27.		B/U	32.		B/U	77.
Acetone (UG/KG)		B/U	59.		B/U	32.		B/U	150.
Carbon disulfide (UG/KG)		U/	27.		U/	13.		U/	19.
1,1-Dichloroethene (UG/KG)		U/	27.		U/	13.		U/	19.
1,1-Dichloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
1,2-Dichloroethene (total) (UG/KG)		U/	27.		U/	13.		U/	19.
Chloroform (UG/KG)		U/	27.		U/	13.		U/	19.
1,2-Dichloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
2-Butanone (UG/KG)		U/	27.		U/	13.		U/	19.
1,1,1-Trichloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
Carbon tetrachloride (UG/KG)		U/	27.		U/	13.		U/	19.
Bromodichloromethane (UG/KG)		U/	27.		U/	13.		U/	19.
1,2-Dichloropropane (UG/KG)		U/	27.		U/	13.		U/	19.
cis-1,3-Dichloropropene (UG/KG)		U/	27.		U/	13.		U/	19.
Trichloroethene (UG/KG)		U/	27.		U/	13.		U/	19.
Dibromochloromethane (UG/KG)		U/	27.		U/	13.		U/	19.
1,1,2-Trichloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
Benzene (UG/KG)		U/	27.		U/	13.		U/	19.
trans-1,3-Dichloropropene (UG/KG)		U/	27.		U/	13.		U/	19.
Bromoform (UG/KG)		U/	27.		U/	13.		U/	19.
4-Methyl-2-pentanone (UG/KG)		U/	27.		U/	13.		U/	19.
2-Hexanone (UG/KG)		U/	27.		U/	13.		U/	19.
Tetrachloroethene (UG/KG)		U/	27.		U/	13.		U/	19.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	27.		U/	13.		U/	19.
Toluene (UG/KG)		U/	27.		U/	13.		U/	19.
Chlorobenzene (UG/KG)		U/	27.		U/	13.		U/	19.
Ethylbenzene (UG/KG)		U/	27.		U/	13.		U/	19.
Styrene (UG/KG)		U/	27.		U/	13.		U/	19.
Xylenes (total) (UG/KG)		U/	27.		U/	13.		U/	19.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: VOC

Parameter	BW-SD14-01 06/19/92 CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	14.
Bromomethane (UG/KG)		U/	14.
Vinyl chloride (UG/KG)		U/	14.
Chloroethane (UG/KG)		U/	14.
Methylene chloride (UG/KG)		B/U	90.
Acetone (UG/KG)		B/U	250.
Carbon disulfide (UG/KG)		U/	14.
1,1-Dichloroethene (UG/KG)		U/	14.
1,1-Dichloroethane (UG/KG)		U/	14.
1,2-Dichloroethene (total) (UG/KG)		U/	14.
Chloroform (UG/KG)		U/	14.
1,2-Dichloroethane (UG/KG)		U/	14.
2-Butanone (UG/KG)		U/	14.
1,1,1-Trichloroethane (UG/KG)		U/	14.
Carbon tetrachloride (UG/KG)		U/	14.
Bromodichloromethane (UG/KG)		U/	14.
1,2-Dichloropropane (UG/KG)		U/	14.
cis-1,3-Dichloropropene (UG/KG)		U/	14.
Trichloroethene (UG/KG)		U/	14.
Dibromochloromethane (UG/KG)		U/	14.
1,1,2-Trichloroethane (UG/KG)		U/	14.
Benzene (UG/KG)		U/	14.
trans-1,3-Dichloropropene (UG/KG)		U/	14.
Bromoform (UG/KG)		U/	14.
4-Methyl-2-pentanone (UG/KG)		U/	14.
2-Hexanone (UG/KG)		U/	14.
Tetrachloroethene (UG/KG)		U/	14.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	14.
Toluene (UG/KG)		U/	14.
Chlorobenzene (UG/KG)		U/	14.
Ethylbenzene (UG/KG)		U/	14.
Styrene (UG/KG)		U/	14.
Xylenes (total) (UG/KG)		U/	14.

Note: Conc = Concentration of parameter detected in the le, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD01-01 09/24/91			BW-SD02-01 09/24/91			BW-SD03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	440.		U/	510.		U/	690.
bis(2-Chloroethyl) ether (UG/KG)		U/	440.		U/	510.		U/	690.
2-Chlorophenol (UG/KG)		U/	440.		U/	510.		U/	690.
1,3-Dichlorobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
1,4-Dichlorobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
1,2-Dichlorobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
2-Methylphenol (UG/KG)		U/	440.		U/	510.		U/	690.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	440.		U/	510.		U/	690.
4-Methylphenol (UG/KG)		U/	440.		U/	510.		U/	690.
N-Nitroso-di-n-propylamine (UG/KG)		U/	440.		U/	510.		U/	690.
Hexachloroethane (UG/KG)		U/	440.		U/	510.		U/	690.
Nitrobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
Isophorone (UG/KG)		U/	440.		U/	510.		U/	690.
2-Nitrophenol (UG/KG)		U/	440.		U/	510.		U/	690.
2,4-Dimethylphenol (UG/KG)		U/	440.		U/	510.		U/	690.
bis(2-Chloroethoxy)methane (UG/KG)		U/	440.		U/	510.		U/	690.
2,4-Dichlorophenol (UG/KG)		U/	440.		U/	510.		U/	690.
1,2,4-Trichlorobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
Naphthalene (UG/KG)		U/	440.		U/	510.		U/	690.
4-Chloroaniline (UG/KG)		U/	440.		U/	510.		U/	690.
Hexachlorobutadiene (UG/KG)		U/	440.		U/	510.		U/	690.
4-Chloro-3-methylphenol (UG/KG)		U/	440.		U/	510.		U/	690.
2-Methylnaphthalene (UG/KG)		U/	440.		U/	510.		U/	690.
Hexachlorocyclopentadiene (UG/KG)		U/	440.		U/	510.		U/	690.
2,4,6-Trichlorophenol (UG/KG)		U/	440.		U/	510.		U/	690.
2,4,5-Trichlorophenol (UG/KG)		U/	1100.		U/	1200.		U/	1700.
2-Chloronaphthalene (UG/KG)		U/	440.		U/	510.		U/	690.
2-Nitroaniline (UG/KG)		U/	1100.		U/	1200.		U/	1700.
Dimethylphthalate (UG/KG)		U/	440.		U/	510.		U/	690.
Acenaphthylene (UG/KG)		U/	440.		U/	510.		U/	690.
2,6-Dinitrotoluene (UG/KG)		U/	440.		U/	510.		U/	690.
3-Nitroaniline (UG/KG)		U/	1100.		U/	1200.		U/	1700.
Acenaphthene (UG/KG)		U/	440.		U/	510.	78.	J/J	690.
2,4-Dinitrophenol (UG/KG)		U/	1100.		U/	1200.		U/	1700.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC

Parameter	BW-SD04-01 09/23/91			BW-SD04-91 09/23/91			BW-SD05-01 09/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	640.		U/	550.		U/	910.
bis(2-Chloroethyl) ether (UG/KG)		U/	640.		U/	550.		U/	910.
2-Chlorophenol (UG/KG)		U/	640.		U/	550.		U/	910.
1,3-Dichlorobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
1,4-Dichlorobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
1,2-Dichlorobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
2-Methylphenol (UG/KG)		U/	640.		U/	550.		U/	910.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	640.		U/	550.		U/	910.
4-Methylphenol (UG/KG)		U/	640.		U/	550.		U/	910.
N-Nitroso-di-n-propylamine (UG/KG)		U/	640.		U/	550.		U/	910.
Hexachloroethane (UG/KG)		U/	640.		U/	550.		U/	910.
Nitrobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
Isophorone (UG/KG)		U/	640.		U/	550.		U/	910.
2-Nitrophenol (UG/KG)		U/	640.		U/	550.		U/	910.
2,4-Dimethylphenol (UG/KG)		U/	640.		U/	550.		U/	910.
bis(2-Chloroethoxy)methane (UG/KG)		U/	640.		U/	550.		U/	910.
2,4-Dichlorophenol (UG/KG)		U/	640.		U/	550.		U/	910.
1,2,4-Trichlorobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
Naphthalene (UG/KG)		U/	640.		U/	550.		U/	910.
4-Chloroaniline (UG/KG)		U/	640.		U/	550.		U/	910.
Hexachlorobutadiene (UG/KG)		U/	640.		U/	550.		U/	910.
4-Chloro-3-methylphenol (UG/KG)		U/	640.		U/	550.		U/	910.
2-Methylnaphthalene (UG/KG)		U/	640.		U/	550.		U/	910.
Hexachlorocyclopentadiene (UG/KG)		U/	640.		U/	550.		U/	910.
2,4,6-Trichlorophenol (UG/KG)		U/	640.		U/	550.		U/	910.
2,4,5-Trichlorophenol (UG/KG)		U/	1600.		U/	1300.		U/	2200.
2-Chloronaphthalene (UG/KG)		U/	640.		U/	550.		U/	910.
2-Nitroaniline (UG/KG)		U/	1600.		U/	1300.		U/	2200.
Dimethylphthalate (UG/KG)		U/	640.		U/	550.		U/	910.
Acenaphthylene (UG/KG)		U/	640.		U/	550.		U/	910.
2,6-Dinitrotoluene (UG/KG)		U/	640.		U/	550.		U/	910.
3-Nitroaniline (UG/KG)		U/	1600.		U/	1300.		U/	2200.
Acenaphthene (UG/KG)		U/	640.		U/	550.		U/	910.
2,4-Dinitrophenol (UG/KG)		U/	1600.		U/	1300.		U/	2200.

Note: Conc = Concentration of parameter detected in the (le, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit. (

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC

	BW-SD06-01 09/23/91			BW-SD07-01 09/24/91			BW-SD08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	880.		U/	430.		U/	1200.
bis(2-Chloroethyl) ether (UG/KG)		U/	880.		U/	430.		U/	1200.
2-Chlorophenol (UG/KG)		U/	880.		U/	430.		U/	1200.
1,3-Dichlorobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
1,4-Dichlorobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
1,2-Dichlorobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
2-Methylphenol (UG/KG)		U/	880.		U/	430.		U/	1200.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	880.		U/	430.		U/	1200.
4-Methylphenol (UG/KG)		U/	880.		U/	430.		U/	1200.
N-Nitroso-di-n-propylamine (UG/KG)		U/	880.		U/	430.		U/	1200.
Hexachloroethane (UG/KG)		U/	880.		U/	430.		U/	1200.
Nitrobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
Isophorone (UG/KG)		U/	880.		U/	430.		U/	1200.
2-Nitrophenol (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4-Dimethylphenol (UG/KG)		U/	880.		U/	430.		U/	1200.
bis(2-Chloroethoxy)methane (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4-Dichlorophenol (UG/KG)		U/	880.		U/	430.		U/	1200.
1,2,4-Trichlorobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
Naphthalene (UG/KG)		U/	880.		U/	430.		U/	1200.
4-Chloroaniline (UG/KG)		U/	880.		U/	430.		U/	1200.
Hexachlorobutadiene (UG/KG)		U/	880.		U/	430.		U/	1200.
4-Chloro-3-methylphenol (UG/KG)		U/	880.		U/	430.		U/	1200.
2-Methylnaphthalene (UG/KG)		U/	880.		U/	430.		U/	1200.
Hexachlorocyclopentadiene (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4,6-Trichlorophenol (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4,5-Trichlorophenol (UG/KG)		U/	2100.		U/	1000.		U/	3000.
2-Chloronaphthalene (UG/KG)		U/	880.		U/	430.		U/	1200.
2-Nitroaniline (UG/KG)		U/	2100.		U/	1000.		U/	3000.
Dimethylphthalate (UG/KG)		U/	880.		U/	430.		U/	1200.
Acenaphthylene (UG/KG)		U/	880.		U/	430.		U/	1200.
2,6-Dinitrotoluene (UG/KG)		U/	880.		U/	430.		U/	1200.
3-Nitroaniline (UG/KG)		U/	2100.		U/	1000.		U/	3000.
Acenaphthene (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4-Dinitrophenol (UG/KG)		U/	2100.		U/	1000.		U/	3000.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC

Parameter	BW-SD01-01 09/24/91			BW-SD02-01 09/24/91			BW-SD03-01 09/24/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	1100.		U/	1200.		U/	1700.
Dibenzofuran (UG/KG)		U/	440.		U/	510.		U/	690.
2,4-Dinitrotoluene (UG/KG)		U/	440.		U/	510.		U/	690.
Diethylphthalate (UG/KG)		U/	440.		U/	510.		U/	690.
4-Chlorophenyl-phenylether (UG/KG)		U/	440.		U/	510.		U/	690.
Fluorene (UG/KG)		U/	440.		U/	510.	140.	J/J	690.
4-Nitroaniline (UG/KG)		U/	1100.		U/	1200.		U/	1700.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	1100.		U/	1200.		U/	1700.
N-nitrosodiphenylamine (UG/KG)		U/	440.		U/	510.		U/	690.
4-Bromophenyl-phenylether (UG/KG)		U/	440.		U/	510.		U/	690.
Hexachlorobenzene (UG/KG)		U/	440.		U/	510.		U/	690.
Pentachlorophenol (UG/KG)		U/	1100.		U/	1200.		U/	1700.
Phenanthrene (UG/KG)		U/	440.		U/	510.	450.	J/J	690.
Anthracene (UG/KG)		U/	440.		U/	510.	170.	J/J	690.
Di-n-butylphthalate (UG/KG)		U/	440.		U/	510.		U/	690.
Fluoranthene (UG/KG)	120.	J/J	440.	130.	J/J	510.	2200.	/	690.
Pyrene (UG/KG)	100.	J/J	440.	99.	J/J	510.	1600.	/	690.
Butylbenzylphthalate (UG/KG)		U/	440.		U/	510.	77.	J/J	690.
3,3'-Dichlorobenzidine (UG/KG)		U/	440.		U/	510.		U/	690.
Benzo(a)anthracene (UG/KG)	45.	J/J	440.		U/	510.	730.	/	690.
Chrysene (UG/KG)	64.	J/J	440.	57.	J/J	510.	980.	/	690.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	440.		U/	510.		U/	690.
Di-n-octyl Phthalate (UG/KG)		U/	440.		U/	510.		U/	690.
Benzo(b)fluoranthene (UG/KG)	51.	J/J	440.	73.	J/J	510.	2000.	/	690.
Benzo(k)fluoranthene (UG/KG)	84.	J/J	440.	60.	J/J	510.	2000.	/	690.
Benzo(a)pyrene (UG/KG)	67.	J/J	440.		U/	510.	790.	/	690.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	440.		U/	510.	550.	J/J	690.
Dibenz(a,h)anthracene (UG/KG)		U/	440.		U/	510.	500.	J/J	690.
Benzo(g,h,i)perylene (UG/KG)		U/	440.		U/	510.	4400.	/J	690.
Carbazole (UG/KG)		U/	440.		U/	510.		U/	690.

Note: Conc = Concentration of parameter detected in the s[illegible]e, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC

	BW-SD04-01 09/23/91			BW-SD04-91 09/23/91			BW-SD05-01 09/23/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	1600.		U/	1300.		U/	2200.
Dibenzofuran (UG/KG)		U/	640.		U/	550.		U/	910.
2,4-Dinitrotoluene (UG/KG)		U/	640.		U/	550.		U/	910.
Diethylphthalate (UG/KG)		U/	640.		U/	550.		U/	910.
4-Chlorophenyl-phenylether (UG/KG)		U/	640.		U/	550.		U/	910.
Fluorene (UG/KG)		U/	640.		U/	550.		U/	910.
4-Nitroaniline (UG/KG)		U/	1600.		U/	1300.		U/	2200.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	1600.		U/	1300.		U/	2200.
N-nitrosodiphenylamine (UG/KG)		U/	640.		U/	550.		U/	910.
4-Bromophenyl-phenylether (UG/KG)		U/	640.		U/	550.		U/	910.
Hexachlorobenzene (UG/KG)		U/	640.		U/	550.		U/	910.
Pentachlorophenol (UG/KG)		U/	1600.		U/	1300.		U/	2200.
Phenanthrene (UG/KG)		U/	640.		U/	550.		U/	910.
Anthracene (UG/KG)		U/	640.		U/	550.		U/	910.
Di-n-butylphthalate (UG/KG)		U/	640.		U/	550.		U/	910.
Fluoranthene (UG/KG)		U/	640.		U/	550.		U/	910.
Pyrene (UG/KG)		U/	640.		U/	550.		U/	910.
Butylbenzylphthalate (UG/KG)		U/	640.		U/	550.		U/	910.
3,3'-Dichlorobenzidine (UG/KG)		U/	640.		U/	550.		U/	910.
Benzo(a)anthracene (UG/KG)		U/	640.		U/	550.		U/	910.
Chrysene (UG/KG)		U/	640.		U/	550.		U/	910.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	640.		U/	550.		U/	910.
Di-n-octyl Phthalate (UG/KG)		U/	640.		U/	550.		U/	910.
Benzo(b)fluoranthene (UG/KG)		U/	640.		U/	550.		U/	910.
Benzo(k)fluoranthene (UG/KG)		U/	640.		U/	550.		U/	910.
Benzo(a)pyrene (UG/KG)		U/	640.		U/	550.		U/	910.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	640.		U/	550.		U/	910.
Dibenz(a,h)anthracene (UG/KG)		U/	640.		U/	550.		U/	910.
Benzo(g,h,i)perylene (UG/KG)		U/	640.		U/	550.		U/	910.
Carbazole (UG/KG)		U/	640.		U/	550.		U/	910.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: SVOC

Parameter	BW-SD06-01 09/23/91 CONC	LQ/DVQ	RDL	BW-SD07-01 09/24/91 CONC	LQ/DVQ	RDL	BW-SD08-01 09/24/91 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	2100.		U/	1000.		U/	3000.
Dibenzofuran (UG/KG)		U/	880.		U/	430.		U/	1200.
2,4-Dinitrotoluene (UG/KG)		U/	880.		U/	430.		U/	1200.
Diethylphthalate (UG/KG)		U/	880.		U/	430.		U/	1200.
4-Chlorophenyl-phenylether (UG/KG)		U/	880.		U/	430.		U/	1200.
Fluorene (UG/KG)		U/	880.		U/	430.		U/	1200.
4-Nitroaniline (UG/KG)		U/	2100.		U/	430.		U/	3000.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	2100.		U/	1000.		U/	3000.
N-nitrosodiphenylamine (UG/KG)		U/	880.		U/	1000.		U/	1200.
4-Bromophenyl-phenylether (UG/KG)		U/	880.		U/	430.		U/	1200.
Hexachlorobenzene (UG/KG)		U/	880.		U/	430.		U/	1200.
Pentachlorophenol (UG/KG)		U/	2100.		U/	430.		U/	3000.
Phenanthrene (UG/KG)		U/	880.		U/	1000.		U/	1200.
Anthracene (UG/KG)		U/	880.		U/	430.		U/	1200.
Di-n-butylphthalate (UG/KG)		U/	880.		U/	430.		U/	1200.
Fluoranthene (UG/KG)		U/	880.		U/	430.	370.	J/J	1200.
Pyrene (UG/KG)		U/	880.	170.	J/J	430.	310.	J/J	1200.
Butylbenzylphthalate (UG/KG)		U/	880.	91.	J/J	430.		U/	1200.
3,3'-Dichlorobenzidine (UG/KG)		U/	880.		U/	430.		U/	1200.
Benzo(a)anthracene (UG/KG)		U/	880.		U/	430.	150.	J/J	1200.
Chrysene (UG/KG)		U/	880.		U/	430.	210.	J/J	1200.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	880.	80.	J/J	430.	1500.	/J	1200.
Di-n-octyl Phthalate (UG/KG)		U/	880.		U/	430.		U/	1200.
Benzo(b)fluoranthene (UG/KG)		U/	880.		U/	430.	440.	J/J	1200.
Benzo(k)fluoranthene (UG/KG)		U/	880.	190.	J/J	430.	440.	J/J	1200.
Benzo(a)pyrene (UG/KG)		U/	880.	190.	J/J	430.		U/	1200.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	880.	100.	J/J	430.		U/	1200.
Dibenz(a,h)anthracene (UG/KG)		U/	880.		U/	430.		U/	1200.
Benzo(g,h,i)perylene (UG/KG)		U/	880.		U/	430.		U/	1200.
Carbazole (UG/KG)		U/	880.		U/	430.		U/	1200.

...ation of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: PPCB
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD01-01 09/24/91			BW-SD02-01 09/24/91			BW-SD03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	2.3		U/	2.6		U/	3.6
beta-BHC (UG/KG)		U/	2.3		U/	2.6		U/	3.6
delta-BHC (UG/KG)		U/	2.3		U/	2.6		U/	3.6
gamma-BHC (Lindane) (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Heptachlor (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Aldrin (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Heptachlor epoxide (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Endosulfan I (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Dieldrin (UG/KG)		U/	4.4		U/	5.		U/	6.9
4,4'-DDE (UG/KG)		U/	4.4		U/	5.		U/	6.9
Endrin (UG/KG)		U/	4.4		U/	5.		U/	6.9
Endosulfan II (UG/KG)		U/	4.4		U/	5.		U/	6.9
4,4'-DDD (UG/KG)		U/	4.4		U/	5.		U/	6.9
Endosulfan sulfate (UG/KG)		U/	4.4		U/	5.		U/	6.9
4,4'-DDT (UG/KG)		U/	4.4		U/	5.		U/	6.9
Methoxychlor (UG/KG)		U/	23.		U/	26.		U/	36.
Endrin ketone (UG/KG)		U/	4.4		U/	5.		U/	6.9
alpha-Chlordane (UG/KG)		U/	2.3		U/	2.6		U/	3.6
gamma-Chlordane (UG/KG)		U/	2.3		U/	2.6		U/	3.6
Toxaphene (UG/KG)		U/	230.		U/	260.		U/	360.
Aroclor-1016 (UG/KG)		U/	44.		U/	50.		U/	69.
Aroclor-1221 (UG/KG)		U/	89.		U/	100.		U/	140.
Aroclor-1232 (UG/KG)		U/	44.		U/	50.		U/	69.
Aroclor-1242 (UG/KG)		U/	44.		U/	50.		U/	69.
Aroclor-1248 (UG/KG)		U/	44.		U/	50.		U/	69.
Aroclor-1254 (UG/KG)		U/	44.		U/	50.		U/	69.
Aroclor-1260 (UG/KG)		U/	44.		U/	50.		U/	69.
Endrin aldehyde (UG/KG)		U/	4.4		U/	5.		U/	6.9

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: PPCB

Parameter	BW-SD04-01 09/23/91			BW-SD04-91 09/23/91			BW-SD05-01 09/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	3.3		U/	2.8		U/	4.6
beta-BHC (UG/KG)		U/	3.3		U/	2.8		U/	4.6
delta-BHC (UG/KG)		U/	3.3		U/	2.8		U/	4.6
gamma-BHC (Lindane) (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Heptachlor (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Aldrin (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Heptachlor epoxide (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Endosulfan I (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Dieldrin (UG/KG)		U/	6.4		U/	5.5		U/	9.
4,4'-DDE (UG/KG)		U/	6.4		U/	5.5		U/	9.
Endrin (UG/KG)		U/	6.4		U/	5.5		U/	9.
Endosulfan II (UG/KG)		U/	6.4		U/	5.5		U/	9.
4,4'-DDD (UG/KG)		U/	6.4		U/	5.5		U/	9.
Endosulfan sulfate (UG/KG)		U/	6.4		U/	5.5		U/	9.
4,4'-DDT (UG/KG)		U/	6.4		U/	5.5		U/	9.
Methoxychlor (UG/KG)		U/	33.		U/	28.		U/	46.
Endrin ketone (UG/KG)		U/	6.4		U/	5.5		U/	9.
alpha-Chlordane (UG/KG)		U/	3.3		U/	2.8		U/	4.6
gamma-Chlordane (UG/KG)		U/	3.3		U/	2.8		U/	4.6
Toxaphene (UG/KG)		U/	330.		U/	280.		U/	460.
Aroclor-1016 (UG/KG)		U/	64.		U/	55.		U/	90.
Aroclor-1221 (UG/KG)		U/	130.		U/	110.		U/	180.
Aroclor-1232 (UG/KG)		U/	64.		U/	55.		U/	90.
Aroclor-1242 (UG/KG)		U/	64.		U/	55.		U/	90.
Aroclor-1248 (UG/KG)		U/	64.		U/	55.		U/	90.
Aroclor-1254 (UG/KG)		U/	64.		U/	55.		U/	90.
Aroclor-1260 (UG/KG)		U/	64.		U/	55.		U/	90.
Endrin aldehyde (UG/KG)		U/	6.4		U/	5.5		U/	9.

Note: Conc = Concentration of parameter detected in the s[illegible]e, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: PPCB

	BW-SD06-01 09/23/91			BW-SD07-01 09/24/91			BW-SD08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
alpha-BHC (UG/KG)		U/	4.5		U/	2.2		U/	3.2
beta-BHC (UG/KG)		U/	4.5		U/	2.2		U/	3.2
delta-BHC (UG/KG)		U/	4.5		U/	2.2		U/	3.2
gamma-BHC (Lindane) (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Heptachlor (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Aldrin (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Heptachlor epoxide (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Endosulfan I (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Dieldrin (UG/KG)		U/	8.8		U/	4.3		U/	6.1
4,4'-DDE (UG/KG)		U/	8.8		U/	4.8		U/	6.1
Endrin (UG/KG)		U/	8.8		U/	4.3		U/	6.1
Endosulfan II (UG/KG)		U/	8.8		U/	4.3		U/	6.1
4,4'-DDD (UG/KG)		U/	8.8		U/	4.3		U/	6.1
Endosulfan sulfate (UG/KG)		U/	8.8		U/	4.3		U/	6.1
4,4'-DDT (UG/KG)		U/	8.8		U/	4.3		U/	6.1
Methoxychlor (UG/KG)		U/	45.		U/	22.		U/	32.
Endrin ketone (UG/KG)		U/	8.8		U/	4.3		U/	6.1
alpha-Chlordane (UG/KG)		U/	4.5		U/	2.2		U/	3.2
gamma-Chlordane (UG/KG)		U/	4.5		U/	2.2		U/	3.2
Toxaphene (UG/KG)		U/	450.		U/	220.		U/	320.
Aroclor-1016 (UG/KG)		U/	88.		U/	43.		U/	61.
Aroclor-1221 (UG/KG)		U/	180.		U/	87.		U/	120.
Aroclor-1232 (UG/KG)		U/	88.		U/	43.		U/	61.
Aroclor-1242 (UG/KG)		U/	88.		U/	43.		U/	61.
Aroclor-1248 (UG/KG)		U/	88.		U/	43.		U/	61.
Aroclor-1254 (UG/KG)		U/	88.		U/	43.		U/	61.
Aroclor-1260 (UG/KG)		U/	88.		U/	43.		U/	61.
Endrin aldehyde (UG/KG)		U/	8.8		U/	4.3		U/	61.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SD
Generated by: CAW
Date Issued: 30-APR-93

BW-SD01-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	270.	J/JN
Unknown (UG/KG)	1000.	J/JN
Unknown (UG/KG)	530.	J/JN
Aldol (UG/KG)	180.	AJ/JN
Aldol (UG/KG)	1500.	AJ/JN
Aldol (UG/KG)	670.	AJ/JN
Unknown (UG/KG)	270.	J/JN
Unknown (UG/KG)	1400.	J/JN
Ethanone, 1-phenyl- (UG/KG)	220.	JN/JN
Unknown (UG/KG)	180.	J/JN
Unknown (UG/KG)	270.	J/JN
Unknown (UG/KG)	310.	J/JN
Unknown (UG/KG)	220.	J/JN
Unknown (UG/KG)	180.	J/JN
Unknown hydrocarbon (UG/KG)	180.	J/JN
Unknown hydrocarbon (UG/KG)	220.	J/JN
Unknown hydrocarbon (UG/KG)	180.	J/JN
Unknown (UG/KG)	270.	J/JN
Unknown (UG/KG)	220.	J/JN
Unknown (UG/KG)	840.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SD

BW-SD02-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	720.	J/JN
Unknown (UG/KG)	510.	J/JN
Aldol (UG/KG)	260.	AJ/JN
Aldol (UG/KG)	920.	AJ/JN
Aldol (UG/KG)	770.	AJ/JN
Unknown (UG/KG)	1000.	J/JN
Ethanone, 1-phenyl- (UG/KG)	310.	JN/JN
Unknown hydrocarbon (UG/KG)	460.	J/JN
Unknown hydrocarbon (UG/KG)	200.	J/JN
Unknown (UG/KG)	200.	J/JN
Unknown (UG/KG)	310.	J/JN
Unknown hydrocarbon (UG/KG)	310.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	200.	J/JN
Unknown hydrocarbon (UG/KG)	560.	J/JN
Unknown (UG/KG)	360.	J/JN
Unknown hydrocarbon (UG/KG)	200.	J/JN
Unknown hydrocarbon (UG/KG)	310.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN

BW-SD03-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	490.	J/JN
Unknown (UG/KG)	1300.	J/JN
Unknown (UG/KG)	700.	J/JN
Aldol (UG/KG)	1300.	AJ/JN
Aldol (UG/KG)	2500.	AJ/JN
Aldol (UG/KG)	490.	AJ/JN
Unknown (UG/KG)	630.	J/JN
Unknown (UG/KG)	2300.	J/JN
Ethanone, 1-phenyl- (UG/KG)	420.	JN/JN
Unknown (UG/KG)	490.	J/JN
Unknown (UG/KG)	350.	J/JN
Unknown (UG/KG)	490.	J/JN
Unknown (UG/KG)	560.	J/JN
Dimethyl tetrasulphide (UG/KG)	420.	J/JN
Unknown (UG/KG)	560.	J/JN
Unknown hydrocarbon (UG/KG)	350.	J/JN
Unknown (UG/KG)	770.	J/JN
Unknown hydrocarbon (UG/KG)	350.	J/JN
Unknown (UG/KG)	350.	J/JN
Unknown (UG/KG)	350.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SD

BW-SD04-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	1300.	J/JN
Aldol (UG/KG)	1900.	AJ/JN
Unknown (UG/KG)	390.	J/JN
Unknown (UG/KG)	260.	J/JN
Unknown (UG/KG)	2100.	J/JN
Unknown (UG/KG)	520.	J/JN
Unknown (UG/KG)	390.	J/JN
Unknown (UG/KG)	320.	J/JN
Unknown (UG/KG)	1000.	J/JN

BW-SD04-91 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	950.	J/JN
Aldol (UG/KG)	390.	AJ/JN
Aldol (UG/KG)	730.	AJ/JN
Unknown (UG/KG)	780.	J/JN
Unknown (UG/KG)	110.	J/JN
Unknown (UG/KG)	450.	J/JN
Unknown (UG/KG)	560.	J/JN
Unknown (UG/KG)	170.	J/JN

BW-SD05-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Aldol (UG/KG)	280.	AJ/JN
Unknown (UG/KG)	1800.	J/JN
Aldol (UG/KG)	460.	AJ/JN
Aldol (UG/KG)	2200.	AJ/JN
Unknown (UG/KG)	550.	J/JN
Unknown (UG/KG)	1500.	J/JN
Unknown (UG/KG)	550.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SD

BW-SD06-01 09/23/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Aldol (UG/KG)	450.	AJ/JN
Unknown (UG/KG)	1800.	J/JN
Aldol (UG/KG)	2400.	AJ/JN
Unknown (UG/KG)	540.	J/JN
Unknown (UG/KG)	1300.	J/JN

BW-SD07-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	350.	J/JN
Unknown (UG/KG)	310.	J/JN
Unknown (UG/KG)	2200.	J/JN
Unknown (UG/KG)	310.	J/JN
Unknown (UG/KG)	440.	J/JN
Unknown (UG/KG)	1400.	J/JN
Unknown (UG/KG)	790.	J/JN
Unknown (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	350.	J/JN
Unknown hydrocarbon (UG/KG)	390.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	790.	J/JN
Unknown hydrocarbon (UG/KG)	520.	J/JN
Unknown hydrocarbon (UG/KG)	440.	J/JN
Unknown hydrocarbon (UG/KG)	260.	J/JN
Unknown hydrocarbon (UG/KG)	310.	J/JN
Unknown (UG/KG)	520.	J/JN

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SD

BW-SD08-01 09/24/91

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	620.	J/JN
Aldol (UG/KG)	500.	AJ/JN
Unknown (UG/KG)	370.	J/JN
Aldol (UG/KG)	620.	AJ/JN
Unknown hydrocarbon (UG/KG)	620.	J/JN
Unknown (UG/KG)	1500.	J/JN
Unknown (UG/KG)	1000.	J/JN
Unknown hydrocarbon (UG/KG)	750.	J/JN
Unknown hydrocarbon (UG/KG)	370.	J/JN
Benzene, 1,2-dichloro-3-isocya (UG/KG)	500.	JN/JN
Tetramethylbutylphenol (UG/KG)	500.	J/JN
Unknown (UG/KG)	870.	J/JN
Unknown (UG/KG)	1200.	J/JN
Unknown (UG/KG)	500.	J/JN
Trimethylpentyl phenol (UG/KG)	870.	J/JN
Unknown (UG/KG)	1500.	J/JN
Unknown (UG/KG)	750.	J/JN
Unknown (UG/KG)	1100.	J/JN
Unknown (UG/KG)	2100.	J/JN
Unknown (UG/KG)	2100.	J/JN
Unknown (UG/KG)	2000.	J/JN

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: MTL SLIND
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD01-01 09/24/91			BW-SD02-01 09/24/91			BW-SD03-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	68.4	/	0.1	66.5	/	0.1	45.4	/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	5070.	/	14.5	7460.	/	13.8	7760.	/	22.1
Antimony (MG/KG)		U/	14.5		U/	13.8		U/	22.1
Arsenic (MG/KG)	3.6	S/	1.4	4.8	/	1.4	5.5	/	2.2
Barium (MG/KG)	16.5	K/	2.9	58.3	/	2.8	100.	/	4.4
Beryllium (MG/KG)		U/	1.4		U/	1.4		U/	2.2
Cadmium (MG/KG)		U/	1.4		U/	1.4		U/	2.2
Calcium (MG/KG)	110000.	/	289.	97300.	/	275.	76300.	/	440.
Chromium, total (MG/KG)	9.	/	2.9	11.6	/	2.8	10.2	/	4.4
Cobalt (MG/KG)	4.9	K/	2.9	8.6	K/	2.8	9.3	K/	4.4
Copper (MG/KG)	13.3	/	2.9	15.5	/	2.8	19.4	/	4.4
Iron (MG/KG)	13100.	/	5.6	16100.	/	5.5	16500.	/	8.8
Lead (MG/KG)	10.7	N/J	0.76	11.3	N/J	0.89	24.1	NS/J	1.2
Magnesium (MG/KG)	58300.	/	289.	47900.	/	275.	21100.	/	440.
Manganese (MG/KG)	390.	/	2.9	589.	/	2.8	338.	/	4.4
Mercury (MG/KG)		U/	0.06		U/	0.06		U/	0.09
Nickel (MG/KG)	9.8	K/	5.6	11.3	/	5.5	10.2	K/	8.8
Potassium (MG/KG)	1330.	K/	28.9	1200.	K/	27.5	1300.	K/	44.
Selenium (MG/KG)		US/	0.5		U/	0.59		U/	0.77
Silver (MG/KG)		U/	2.9		U/	2.8		U/	4.4
Sodium (MG/KG)		U/	578.		U/	553.		U/	883.
Thallium (MG/KG)		U/	0.76		U/	0.89		U/	1.2
Vanadium (MG/KG)	15.	/	14.5	21.	/	13.8		U/	22.1
Zinc (MG/KG)	35.	/	2.9	39.5	/	2.8	98.4	/	4.4
Cyanide (MG/KG)		UN/UJ	1.8		UN/UJ	1.9		UN/UJ	2.8

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: MTL SLIND

Parameter	BW-SD04-01 09/23/91			BW-SD04-91 09/23/91			BW-SD05-01 09/23/91		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	60.7	/	0.1	57.5	/	0.1	31.3	/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	832.	/	15.8	661.	/	16.6	2640.	/	31.2
Antimony (MG/KG)		U/	15.8		U/	16.6		U/	31.2
Arsenic (MG/KG)	3.3	/	1.6	3.7	/	1.7	3.5	K/	1.3
Barium (MG/KG)	24.1	K/	3.2	22.2	K/	3.3	109.	K/	6.2
Beryllium (MG/KG)		U/	1.6		U/	1.7		U/	3.1
Cadmium (MG/KG)		U/	1.6		U/	1.7		U/	3.1
Calcium (MG/KG)	35200.	/	317.	74600.	/	331.	179000.	/	626.
Chromium, total (MG/KG)		U/	3.2		U/	3.3		U/	6.2
Cobalt (MG/KG)		U/	3.2		U/	3.3	6.2	K/	6.2
Copper (MG/KG)		U/	3.2		U/	3.3	35.6	/	6.2
Iron (MG/KG)	3230.	/	6.3	5060.	/	6.6	10900.	/	12.5
Lead (MG/KG)	2.5	N/J	0.98	3.	N/J	1.	14.5	N/J	1.9
Magnesium (MG/KG)	10900.	/	317.	23500.	/	331.	33100.	/	626.
Manganese (MG/KG)	147.	/	3.2	163.	/	3.3	694.	/	6.2
Mercury (MG/KG)		U/	0.07		U/	0.07		U/	0.13
Nickel (MG/KG)		U/	6.3		U/	6.6		U/	12.5
Potassium (MG/KG)	206.	K/	31.7	195.	K/	33.1	756.	K/	62.6
Selenium (MG/KG)		US/	0.65		U/	0.69		U/	1.3
Silver (MG/KG)		U/	3.2		U/	3.3		U/	6.2
Sodium (MG/KG)		U/	634.		U/	663.		U/	1250.
Thallium (MG/KG)		U/	0.98		U/	1.		U/	1.9
Vanadium (MG/KG)		U/	15.8		U/	16.6		U/	31.2
Zinc (MG/KG)	22.2	/	3.2	22.5	/	3.3	102.	/	6.2
Cyanide (MG/KG)		UN/UJ	2.1		UN/UJ	2.2		UN/UJ	4.

Note: Conc = Concentration of parameter detected in the [illegible]'e, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: MTL SLIND

	BW-SD06-01 09/23/91			BW-SD07-01 09/24/91			BW-SD08-01 09/24/91		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	43.5	/	0.1	85.6	/	0.1	57.3	/	0.1
Organic Carbon (%)									
Aluminum (MG/KG)	2950.	/	22.3	1280.	/	11.	4040.	/	16.8
Antimony (MG/KG)		U/	22.3		U/	11.		U/	16.8
Arsenic (MG/KG)	9.4	/	2.2	1.1	K/	1.1	5.1	S/	1.7
Barium (MG/KG)	71.9	K/	4.5	7.7	K/	2.2	58.2	K/	3.4
Beryllium (MG/KG)		U/	2.2		U/	1.1		U/	1.7
Cadmium (MG/KG)		U/	2.2		U/	1.1		U/	1.7
Calcium (MG/KG)	116000.	/	446.	101000.	/	220.	56200.	/	336.
Chromium, total (MG/KG)	5.8	/	4.5	5.7	/	2.2	17.8	/	3.4
Cobalt (MG/KG)		U/	4.5	2.2	K/	2.2	5.7	K/	3.4
Copper (MG/KG)	22.8	/	4.5	11.2	/	2.2	62.9	/	3.4
Iron (MG/KG)	12900.	/	8.9	4470.	/	4.4	12500.	/	6.7
Lead (MG/KG)	11.4	N/J	1.2	7.4	N/J	0.68	28.3	N/J	0.9
Magnesium (MG/KG)	28300.	/	446.	55500.	/	220.	30200.	/	336.
Manganese (MG/KG)	283.	/	4.5	135.	/	2.2	282.	/	3.4
Mercury (MG/KG)		U/	0.09		U/	0.05	0.16	/	0.07
Nickel (MG/KG)		U/	8.9		U/	4.4	8.1	K/	6.7
Potassium (MG/KG)	572.	K/	44.6	372.	K/	22.	582.	K/	33.6
Selenium (MG/KG)		U/	0.79		U/	0.45		US/	0.6
Silver (MG/KG)		U/	4.5		U/	2.2		U/	3.4
Sodium (MG/KG)		U/	894.		U/	441.		U/	673.
Thallium (MG/KG)		U/	1.2		U/	0.68		U/	0.9
Vanadium (MG/KG)		U/	22.3		U/	11.		U/	16.8
Zinc (MG/KG)	60.3	/	4.5	21.1	/	2.2	149.	/	3.4
Cyanide (MG/KG)		UN/UJ	2.9		UN/UJ	1.5		UN/UJ	2.2

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SD Type: MTL SLIND

	BW-SD12-01 06/19/92			BW-SD13-01 06/19/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)						
Organic Carbon (%)	0.6	/	0.1	0.7	/	0.1
Aluminum (MG/KG)						
Antimony (MG/KG)						
Arsenic (MG/KG)						
Barium (MG/KG)						
Beryllium (MG/KG)						
Cadmium (MG/KG)						
Calcium (MG/KG)						
Chromium, total (MG/KG)						
Cobalt (MG/KG)						
Copper (MG/KG)						
Iron (MG/KG)						
Lead (MG/KG)						
Magnesium (MG/KG)						
Manganese (MG/KG)						
Mercury (MG/KG)						
Nickel (MG/KG)						
Potassium (MG/KG)						
Selenium (MG/KG)						
Silver (MG/KG)						
Sodium (MG/KG)						
Thallium (MG/KG)						
Vanadium (MG/KG)						
Zinc (MG/KG)						
Cyanide (MG/KG)						

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-7a

DISQUALIFIED SEDIMENT SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: VOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD09-01 06/18/92			BW-SD10-01 06/18/92			BW-SD11-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	19.		U/	18.		U/	14.
Bromomethane (UG/KG)		U/	19.		U/	18.		U/	14.
Vinyl chloride (UG/KG)		U/	19.		U/	18.		U/	14.
Chloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
Methylene chloride (UG/KG)		B/U	31.		B/U	30.		B/U	25.
Acetone (UG/KG)		B/U	63.		B/U	71.		B/U	120.
Carbon disulfide (UG/KG)		U/	19.		U/	18.		U/	14.
1,1-Dichloroethene (UG/KG)		U/	19.		U/	18.		U/	14.
1,1-Dichloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
1,2-Dichloroethene (total) (UG/KG)		U/	19.		U/	18.		U/	14.
Chloroform (UG/KG)		U/	19.		U/	18.		U/	14.
1,2-Dichloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
2-Butanone (UG/KG)		U/	19.		U/	18.		U/	14.
1,1,1-Trichloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
Carbon tetrachloride (UG/KG)		U/	19.		U/	18.		U/	14.
Bromodichloromethane (UG/KG)		U/	19.		U/	18.		U/	14.
1,2-Dichloropropane (UG/KG)		U/	19.		U/	18.		U/	14.
cis-1,3-Dichloropropene (UG/KG)		U/	19.		U/	18.		U/	14.
Trichloroethene (UG/KG)		U/	19.		U/	18.		U/	14.
Dibromochloromethane (UG/KG)		U/	19.		U/	18.		U/	14.
1,1,2-Trichloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
Benzene (UG/KG)		U/	19.		U/	18.		U/	14.
trans-1,3-Dichloropropene (UG/KG)		U/	19.		U/	18.		U/	14.
Bromoform (UG/KG)		U/	19.		U/	18.		U/	14.
4-Methyl-2-pentanone (UG/KG)		U/	19.		U/	18.		U/	14.
2-Hexanone (UG/KG)		U/	19.		U/	18.		U/	14.
Tetrachloroethene (UG/KG)		U/	19.		U/	18.		U/	14.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	19.		U/	18.		U/	14.
Toluene (UG/KG)		U/	19.		U/	18.		U/	14.
Chlorobenzene (UG/KG)		U/	19.		U/	18.		U/	14.
Ethylbenzene (UG/KG)		U/	19.		U/	18.		U/	14.
Styrene (UG/KG)		U/	19.		U/	18.		U/	14.
Xylenes (total) (UG/KG)		U/	19.		U/	18.		U/	14.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: VOC

Parameter	BW-SD11-91 06/18/92 CONC	LQ/DVQ	RDL
Chloromethane (UG/KG)		U/	13.
Bromomethane (UG/KG)		U/	13.
Vinyl chloride (UG/KG)		U/	13.
Chloroethane (UG/KG)		U/	13.
Methylene chloride (UG/KG)		B/U	26.
Acetone (UG/KG)		B/U	180.
Carbon disulfide (UG/KG)		U/	13.
1,1-Dichloroethene (UG/KG)		U/	13.
1,1-Dichloroethane (UG/KG)		U/	13.
1,2-Dichloroethene (total) (UG/KG)		U/	13.
Chloroform (UG/KG)		U/	13.
1,2-Dichloroethane (UG/KG)		U/	13.
2-Butanone (UG/KG)		U/	13.
1,1,1-Trichloroethane (UG/KG)		U/	13.
Carbon tetrachloride (UG/KG)		U/	13.
Bromodichloromethane (UG/KG)		U/	13.
1,2-Dichloropropane (UG/KG)		U/	13.
cis-1,3-Dichloropropene (UG/KG)		U/	13.
Trichloroethene (UG/KG)		U/	13.
Dibromochloromethane (UG/KG)		U/	13.
1,1,2-Trichloroethane (UG/KG)		U/	13.
Benzene (UG/KG)		U/	13.
trans-1,3-Dichloropropene (UG/KG)		U/	13.
Bromoform (UG/KG)		U/	13.
4-Methyl-2-pentanone (UG/KG)		U/	13.
2-Hexanone (UG/KG)		U/	13.
Tetrachloroethene (UG/KG)		U/	13.
1,1,2,2-Tetrachloroethane (UG/KG)		U/	13.
Toluene (UG/KG)		U/	13.
Chlorobenzene (UG/KG)		U/	13.
Ethylbenzene (UG/KG)		U/	13.
Styrene (UG/KG)		U/	13.
Xylenes (total) (UG/KG)		U/	13.

Note: Conc = Concentration of parameter detected in the le, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: SVOC
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD09-01 06/18/92			BW-SD10-01 06/18/92			BW-SD11-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
bis(2-Chloroethyl) ether (UG/KG)		U/	3100.		U/	2900.		U/	450.
2-Chlorophenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
1,3-Dichlorobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
1,4-Dichlorobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
1,2-Dichlorobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
2-Methylphenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Methylphenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
N-Nitroso-di-n-propylamine (UG/KG)		U/	3100.		U/	2900.		U/	450.
Hexachloroethane (UG/KG)		U/	3100.		U/	2900.		U/	450.
Nitrobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Isophorone (UG/KG)		U/	3100.		U/	2900.		U/	450.
2-Nitrophenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4-Dimethylphenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
bis(2-Chloroethoxy)methane (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4-Dichlorophenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
1,2,4-Trichlorobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Naphthalene (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Chloroaniline (UG/KG)		U/	3100.		U/	2900.		U/	450.
Hexachlorobutadiene (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Chloro-3-methylphenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
2-Methylnaphthalene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Hexachlorocyclopentadiene (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4,6-Trichlorophenol (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4,5-Trichlorophenol (UG/KG)		U/	7500.		U/	7000.		U/	1100.
2-Chloronaphthalene (UG/KG)		U/	3100.		U/	2900.		U/	450.
2-Nitroaniline (UG/KG)		U/	7500.		U/	7000.		U/	1100.
Dimethylphthalate (UG/KG)		U/	3100.		U/	2900.		U/	450.
Acenaphthylene (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,6-Dinitrotoluene (UG/KG)		U/	3100.		U/	2900.		U/	450.
3-Nitroaniline (UG/KG)		U/	7500.		U/	7000.		U/	1100.
Acenaphthene (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4-Dinitrophenol (UG/KG)		U/	7500.		U/	7000.		U/	1100.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: SVOC

Parameter	BW-SD11-91 06/18/92 CONC	LQ/DVQ	RDL
Phenol (UG/KG)		U/	430.
bis(2-Chloroethyl) ether (UG/KG)		U/	430.
2-Chlorophenol (UG/KG)		U/	430.
1,3-Dichlorobenzene (UG/KG)		U/	430.
1,4-Dichlorobenzene (UG/KG)		U/	430.
1,2-Dichlorobenzene (UG/KG)		U/	430.
2-Methylphenol (UG/KG)		U/	430.
bis(2-Chloroisopropyl)ether (UG/KG)		U/	430.
4-Methylphenol (UG/KG)		U/	430.
N-Nitroso-di-n-propylamine (UG/KG)		U/	430.
Hexachloroethane (UG/KG)		U/	430.
Nitrobenzene (UG/KG)		U/	430.
Isophorone (UG/KG)		U/	430.
2-Nitrophenol (UG/KG)		U/	430.
2,4-Dimethylphenol (UG/KG)		U/	430.
bis(2-Chloroethoxy)methane (UG/KG)		U/	430.
2,4-Dichlorophenol (UG/KG)		U/	430.
1,2,4-Trichlorobenzene (UG/KG)		U/	430.
Naphthalene (UG/KG)		U/	430.
4-Chloroaniline (UG/KG)		U/	430.
Hexachlorobutadiene (UG/KG)		U/	430.
4-Chloro-3-methylphenol (UG/KG)		U/	430.
2-Methylnaphthalene (UG/KG)		U/	430.
Hexachlorocyclopentadiene (UG/KG)		U/	430.
2,4,6-Trichlorophenol (UG/KG)		U/	1000.
2,4,5-Trichlorophenol (UG/KG)		U/	430.
2-Chloronaphthalene (UG/KG)		U/	1000.
2-Nitroaniline (UG/KG)		U/	430.
Dimethylphthalate (UG/KG)		U/	430.
Acenaphthylene (UG/KG)		U/	430.
2,6-Dinitrotoluene (UG/KG)		U/	1000.
3-Nitroaniline (UG/KG)		U/	430.
Acenaphthene (UG/KG)		U/	1000.
2,4-Dinitrophenol (UG/KG)			

of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: SVOC

Parameter	BW-SD09-01 06/18/92			BW-SD10-01 06/18/92			BW-SD11-01 06/18/92		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	7500.		U/	7000.		U/	1100.
Dibenzofuran (UG/KG)		U/	3100.		U/	2900.		U/	450.
2,4-Dinitrotoluene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Diethylphthalate (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Chlorophenyl-phenylether (UG/KG)		U/	3100.		U/	2900.		U/	450.
Fluorene (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Nitroaniline (UG/KG)		U/	7500.		U/	7000.		U/	1100.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	7500.		U/	7000.		U/	1100.
N-nitrosodiphenylamine (UG/KG)		U/	3100.		U/	2900.		U/	450.
4-Bromophenyl-phenylether (UG/KG)		U/	3100.		U/	2900.		U/	450.
Hexachlorobenzene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Pentachlorophenol (UG/KG)		U/	7500.		U/	7000.		U/	1100.
Phenanthrene (UG/KG)		U/	3100.	1100.	J/	2900.	89.	J/	450.
Anthracene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Di-n-butylphthalate (UG/KG)		U/	3100.		U/	2900.		U/	450.
Fluoranthene (UG/KG)		U/	3100.	2600.	J/	2900.	160.	J/	450.
Pyrene (UG/KG)		U/	3100.	2400.	J/	2900.	180.	J/	450.
Butylbenzylphthalate (UG/KG)		U/	3100.		U/	2900.		U/	450.
3,3'-Dichlorobenzidine (UG/KG)		U/	3100.		U/	2900.		U/	450.
Benzo(a)anthracene (UG/KG)		U/	3100.	1100.	J/	2900.	52.	J/	450.
Chrysene (UG/KG)		U/	3100.	1200.	J/	2900.	96.	J/	450.
bis(2-ethylhexyl)phthalate (UG/KG)	520.	J/	3100.		U/	2900.	68.	J/	450.
Di-n-octyl Phthalate (UG/KG)		U/	3100.		U/	2900.		U/	450.
Benzo(b)fluoranthene (UG/KG)		U/	3100.	2300.	JX/	2900.	170.	JX/	450.
Benzo(k)fluoranthene (UG/KG)		U/	3100.	2300.	JX/	2900.	170.	JX/	450.
Benzo(a)pyrene (UG/KG)		U/	3100.	1400.	J/	2900.	82.	J/	450.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	3100.	740.	J/	2900.		U/	450.
Dibenz(a,h)anthracene (UG/KG)		U/	3100.		U/	2900.		U/	450.
Benzo(g,h,i)perylene (UG/KG)		U/	3100.	790.	J/	2900.		U/	450.
Carbazole (UG/KG)		U/	3100.		U/	2900.		U/	450.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: SVOC

Parameter	BW-SD11-91 06/18/92 CONC	LQ/DVQ	RDL
4-Nitrophenol (UG/KG)		U/	1000.
Dibenzofuran (UG/KG)		U/	430.
2,4-Dinitrotoluene (UG/KG)		U/	430.
Diethylphthalate (UG/KG)		U/	430.
4-Chlorophenyl-phenylether (UG/KG)		U/	430.
Fluorene (UG/KG)		U/	430.
4-Nitroaniline (UG/KG)		U/	1000.
4,6-Dinitro-2-methylphenol (UG/KG)		U/	1000.
N-nitrosodiphenylamine (UG/KG)		U/	430.
4-Bromophenyl-phenylether (UG/KG)		U/	430.
Hexachlorobenzene (UG/KG)		U/	430.
Pentachlorophenol (UG/KG)		U/	1000.
Phenanthrene (UG/KG)		U/	430.
Anthracene (UG/KG)		U/	430.
Di-n-butylphthalate (UG/KG)		U/	430.
Fluoranthene (UG/KG)		U/	430.
Pyrene (UG/KG)		U/	430.
Butylbenzylphthalate (UG/KG)		U/	430.
3,3'-Dichlorobenzidine (UG/KG)		U/	430.
Benzo(a)anthracene (UG/KG)		U/	430.
Chrysene (UG/KG)		U/	430.
bis(2-ethylhexyl)phthalate (UG/KG)		U/	430.
Di-n-octyl Phthalate (UG/KG)		U/	430.
Benzo(b)fluoranthene (UG/KG)		U/	430.
Benzo(k)fluoranthene (UG/KG)		U/	430.
Benzo(a)pyrene (UG/KG)		U/	430.
Indeno(1,2,3-cd)pyrene (UG/KG)		U/	430.
Dibenz(a,h)anthracene (UG/KG)		U/	430.
Benzo(g,h,i)perylene (UG/KG)		U/	430.
Carbazole (UG/KG)		U/	430.

Note: Conc = Concentration of parameter detected in the (ıle, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SDB
Generated by: CAW
Date Issued: 30-APR-93

BW-SD09-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	940.	J/
Unknown (UG/KG)	630.	J/
Unknown (UG/KG)	2200.	J/
Unknown (UG/KG)	2800.	J/
Unknown (UG/KG)	4100.	J/
Unknown (UG/KG)	630.	J/
Unknown (UG/KG)	1600.	J/
Unknown (UG/KG)	1900.	J/

BW-SD10-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	870.	J/
Unknown (UG/KG)	1200.	J/
Benzopyrene (UG/KG)	870.	J/

BW-SD11-01 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	550.	J/
Unknown (UG/KG)	410.	J/
Unknown (UG/KG)	280.	J/
Unknown (UG/KG)	180.	J/
Unknown phthalate (UG/KG)	320.	J/
Unknown (UG/KG)	280.	J/
Unknown (UG/KG)	280.	J/
Unknown (UG/KG)	460.	J/
Unknown hydrocarbon (UG/KG)	870.	J/
Unknown (UG/KG)	280.	J/
Unknown (UG/KG)	320.	J/
Unknown hydrocarbon (UG/KG)	3300.	J/
Unknown (UG/KG)	410.	J/
Unknown (UG/KG)	510.	J/
Unknown (UG/KG)	830.	J/
Unknown (UG/KG)	370.	J/
Unknown (UG/KG)	460.	J/
Unknown (UG/KG)	460.	J/
Unknown (UG/KG)	2400.	J/

SUMMARY OF TENTATIVELY IDENTIFIED COMPOUNDS
Blackwell Landfill RI/FS
DuPage County, Illinois

Matrix: SDB

BW-SD11-91 06/18/92

(TBNA) Tentatively-Identified Semi-Volatiles

Compound (Units)	Concentration	LQ/DVQ
Unknown (UG/KG)	520.	J/
Unknown (UG/KG)	130.	J/
Unknown (UG/KG)	87.	J/
Unknown phthalate (UG/KG)	130.	J/
Unknown (UG/KG)	130.	J/
Unknown (UG/KG)	350.	J/

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: MTL SLIND
Generated by: CAW
Date Issued: 30-APR-93

	BW-SD09-01 06/18/92			BW-SD10-01 06/18/92			BW-SD11-01 06/18/92		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Total Solids (%)	73.4	/	0.1	35.8	/	0.1	75.6	/	0.1
Organic Carbon (%)	0.8	/	0.1	1.1	/	0.1	0.6	/	0.1
Aluminum (MG/KG)	2760.	*/	12.5	9720.	*/	26.6	9790.	*/	12.4
Antimony (MG/KG)		UN/UJ	12.5		UN/UJ	26.6		UN/UJ	12.4
Arsenic (MG/KG)	14.3	N/J	0.5	14.2	N/J	0.92	5.2	N/J	0.41
Barium (MG/KG)	17.	K/	2.5	74.6	K/	5.3	51.4	/	2.5
Beryllium (MG/KG)		U/	1.3		U/	2.7		U/	1.2
Cadmium (MG/KG)	1.5	/	1.3	4.3	/	2.7	4.7	/	1.2
Calcium (MG/KG)	47900.	/	250.	19500.	/	532.	55400.	/	248.
Chromium, total (MG/KG)	5.	/	2.5	10.7	/	5.3	13.7	/	2.5
Cobalt (MG/KG)	9.8	K/	2.5	10.7	K/	5.3	10.2	K/	2.5
Copper (MG/KG)	7.	/	2.5	34.1	/	5.3	20.1	/	2.5
Iron (MG/KG)	7070.	/	5.	18900.	/	10.6	22700.	/	5.
Lead (MG/KG)	18.7	/	0.75	40.1	/	1.4	16.2	/	0.62
Magnesium (MG/KG)	28200.	/	250.	10700.	/	532.	33800.	/	248.
Manganese (MG/KG)	189.	/	2.5	314.	/	5.3	515.	/	2.5
Mercury (MG/KG)		U/	0.06		U/	0.11		U/	0.05
Nickel (MG/KG)	7.5	K/	5.	22.9	/	10.6	24.8	/	5.
Potassium (MG/KG)	534.	K/	25.	1900.	K/	53.2	1950.	/	24.8
Selenium (MG/KG)		US/	0.5		US/	0.92		US/	0.41
Silver (MG/KG)		U/	2.5		U/	5.3		U/	2.5
Sodium (MG/KG)		U/	501.	1360.	K/	1060.		U/	496.
Thallium (MG/KG)		U/	0.75		U/	1.4		U/	0.62
Vanadium (MG/KG)		U/	12.5		U/	26.6	22.3	/	12.4
Zinc (MG/KG)	28.6	*/J	2.5	178.	*/J	5.3	66.8	*/J	2.5
Cyanide (MG/KG)		U/	1.7		U/	3.5		U/	1.7

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: SDB Type: MTL SLIND

Parameter	BW-SD11-91 06/18/92 CONC	LQ/DVQ	RDL
Total Solids (%)	73.	/	0.1
Organic Carbon (%)	1.	/	0.1
Aluminum (MG/KG)	4610.	*/	11.9
Antimony (MG/KG)		UN/UJ	11.9
Arsenic (MG/KG)	3.5	N/J	0.41
Barium (MG/KG)	27.	K/	2.4
Beryllium (MG/KG)		U/	1.2
Cadmium (MG/KG)	2.4	/	1.2
Calcium (MG/KG)	86600.	/	237.
Chromium, total (MG/KG)	5.2	/	2.4
Cobalt (MG/KG)	5.7	K/	2.4
Copper (MG/KG)	10.	/	2.4
Iron (MG/KG)	11800.	/	4.8
Lead (MG/KG)	11.7	/	0.61
Magnesium (MG/KG)	50700.	/	237.
Manganese (MG/KG)	365.	/	2.4
Mercury (MG/KG)		U/	0.05
Nickel (MG/KG)	13.3	/	4.8
Potassium (MG/KG)	868.	K/	23.7
Selenium (MG/KG)		US/	0.41
Silver (MG/KG)		U/	2.4
Sodium (MG/KG)		U/	474.
Thallium (MG/KG)		U/	0.61
Vanadium (MG/KG)		U/	11.9
Zinc (MG/KG)	37.7	*/J	2.4
Cyanide (MG/KG)		U/	1.7

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

B-8

ON-SITE WATER WELL SAMPLING RESULTS

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC
Generated by: CAW
Date Issued: 18-JUL-94

	BW-GWDWA1-01 06/15/94			BW-GWDWC1-01 06/15/94			BW-GWDWC1-91 06/15/94		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		B/U	2.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	2.		U/	2.		U/	2.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)		U/	1.	0.4	J/	1.	0.4	J/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

Parameter	BW-GWDWC2-01 06/15/94			BW-GWDWC3-01 06/15/94			BW-GWDWC4-01 06/15/94		
	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	2.		U/	2.		U/	2.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)	0.5	J/	1.		U/	1.	0.6	J/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

	BW-GWDWC5-01 06/15/94			BW-GWDWC6-01 06/15/94			BW-GWDWP1-01 06/15/94		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	2.		U/	2.		U/	2.
Acetone (UG/L)		U/	5.		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.		U/	1.
Toluene (UG/L)	0.7	J/	1.	0.4	J/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

Parameter	BW-GWFB01-01 06/15/94 CONC	LQ/DVQ	RDL	BW-GWTB01-01 06/15/94 CONC	LQ/DVQ	RDL
Chloromethane (UG/L)		U/	1.		U/	1.
Bromomethane (UG/L)		U/	1.		U/	1.
Vinyl chloride (UG/L)		U/	1.		U/	1.
Chloroethane (UG/L)		U/	1.		U/	1.
Methylene chloride (UG/L)		U/	2.		U/	2.
Acetone (UG/L)		U/	5.		U/	5.
Carbon disulfide (UG/L)		U/	1.		U/	1.
1,1-Dichloroethene (UG/L)		U/	1.		U/	1.
1,1-Dichloroethane (UG/L)		U/	1.		U/	1.
cis-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.
trans-1,2-Dichloroethene (UG/L)		U/	1.		U/	1.
Chloroform (UG/L)		U/	1.		U/	1.
1,2-Dichloroethane (UG/L)		U/	1.		U/	1.
2-Butanone (UG/L)		U/	5.		U/	5.
Bromochloromethane (UG/L)		U/	1.		U/	1.
1,1,1-Trichloroethane (UG/L)		U/	1.		U/	1.
Carbon tetrachloride (UG/L)		U/	1.		U/	1.
Bromodichloromethane (UG/L)		U/	1.		U/	1.
1,2-Dichloropropane (UG/L)		U/	1.		U/	1.
cis-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.
Trichloroethene (UG/L)		U/	1.		U/	1.
Dibromochloromethane (UG/L)		U/	1.		U/	1.
1,1,2-Trichloroethane (UG/L)		U/	1.		U/	1.
Benzene (UG/L)		U/	1.		U/	1.
trans-1,3-Dichloropropene (UG/L)		U/	1.		U/	1.
Bromoform (UG/L)		U/	1.		U/	1.
1,2-Dibromoethane (UG/L)		U/	1.		U/	1.
4-Methyl-2-pentanone (UG/L)		U/	5.		U/	5.
2-Hexanone (UG/L)		U/	5.		U/	5.
Tetrachloroethene (UG/L)		U/	1.		U/	1.
1,1,2,2-Tetrachloroethane (UG/L)		U/	1.		U/	1.
Toluene (UG/L)		U/	1.		U/	1.
Chlorobenzene (UG/L)		U/	1.		U/	1.
Ethylbenzene (UG/L)		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

	BW-GWDWA1-01 06/15/94			BW-GWDWC1-01 06/15/94			BW-GWDWC1-91 06/15/94		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

	BW-GWDWC2-01 06/15/94			BW-GWDWC3-01 06/15/94			BW-GWDWC4-01 06/15/94		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

	BW-GWDWC5-01 06/15/94			BW-GWDWC6-01 06/15/94			BW-GWDWP1-01 06/15/94		
Parameter	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL	CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.		U/	1.

Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

ANALYTICAL DATA REPORT
Blackwell Landfill NPL Site RI/FS
DuPage County, IL

Matrix: GW Type: LVOC

Parameter	BW-GWFB01-01 06/15/94 CONC	LQ/DVQ	RDL	BW-GWTB01-01 06/15/94 CONC	LQ/DVQ	RDL
Styrene (UG/L)		U/	1.		U/	1.
Xylenes (total) (UG/L)		U/	1.		U/	1.
1,2-Dibromo-3-chloropropane (UG/L)		U/	1.		U/	1.
1,3-Dichlorobenzene (UG/L)		U/	1.		U/	1.
1,4-Dichlorobenzene (UG/L)		U/	1.		U/	1.
1,2-Dichlorobenzene (UG/L)		U/	1.		U/	1.

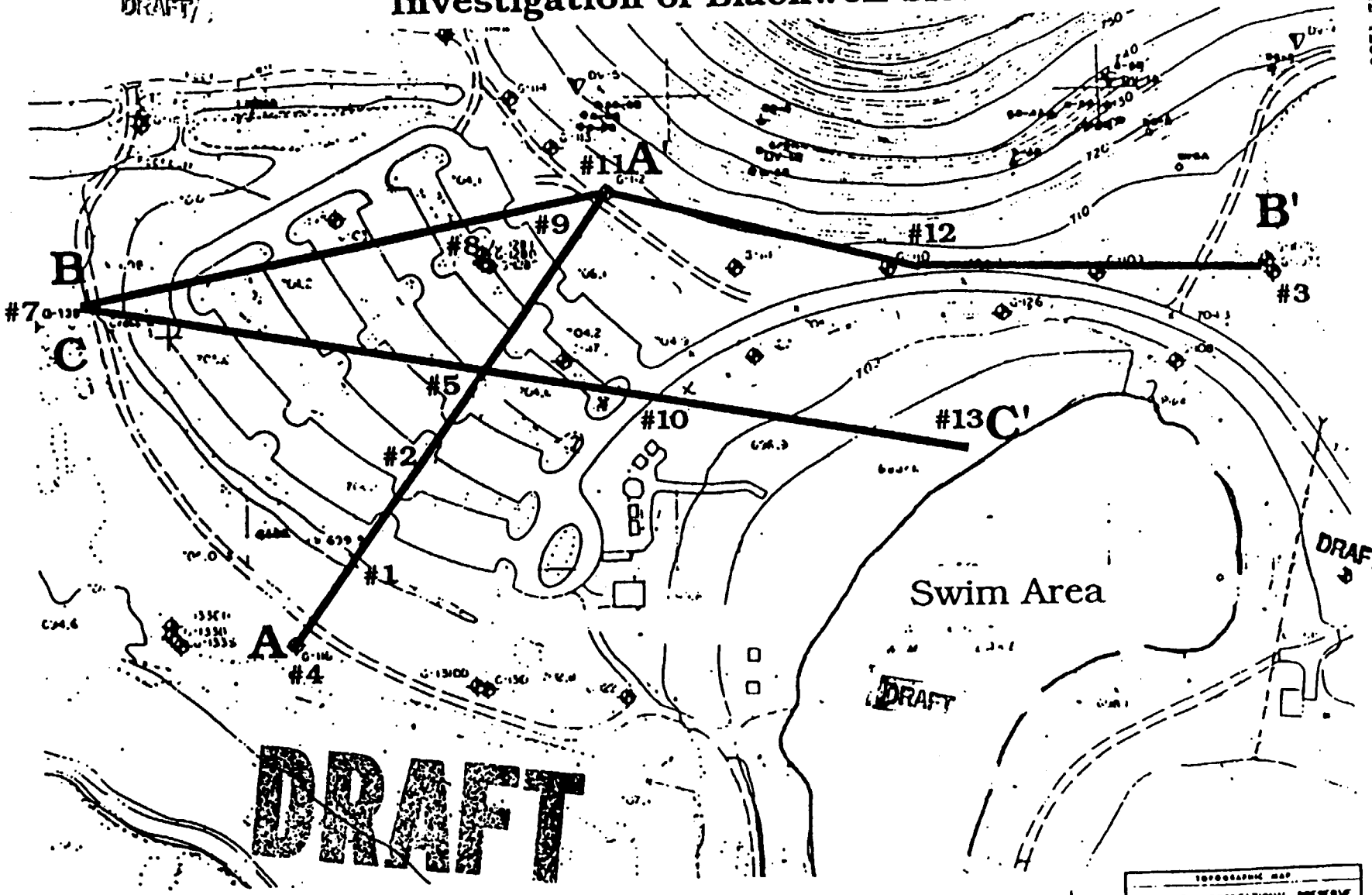
Note: Conc = Concentration of parameter detected in the sample, LQ/DVQ = Laboratory Qualifier/Data Validation Qualifier, RDL = Reported Detection Limit.

C

GEOPHYSICAL SURVEY DATA

Fromm Applied Technology
13129 N. GREENBAY ROAD
MEQUON, WISCONSIN 53092
(414) 242-4280

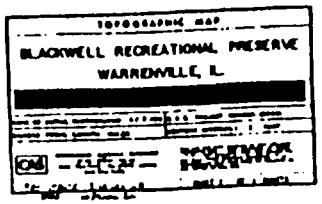
Figure 1: Base Map Used for Geophysical Investigation of Blackwell Site



A ▬ A' a geoelectrical cross - section

#1 Represents geophysical station numbers

Not to Scale and Altered



APPENDIX E

Fromm Applied Technology
13129 N. GREENBAY ROAD
MEQUON, WISCONSIN 53092
(414) 242-4280

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Figure 17: Blackwell Site - Fence Diagram of Geoelectrically Derived Stratigraphy From A to A'

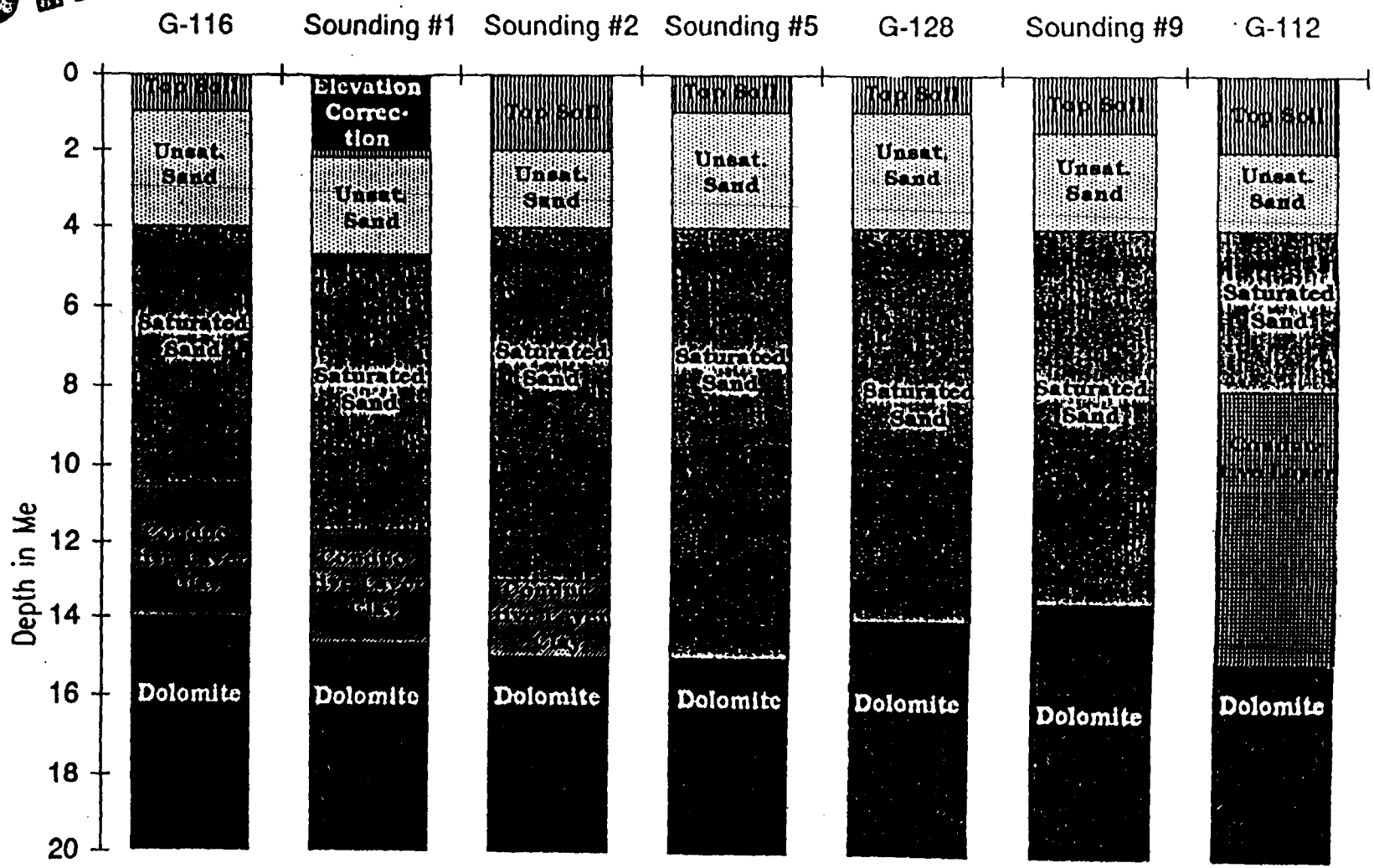

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Figure 18: Blackwell Site - Fence Diagram of Geoelectrically Derived Stratigraphy From B to B'

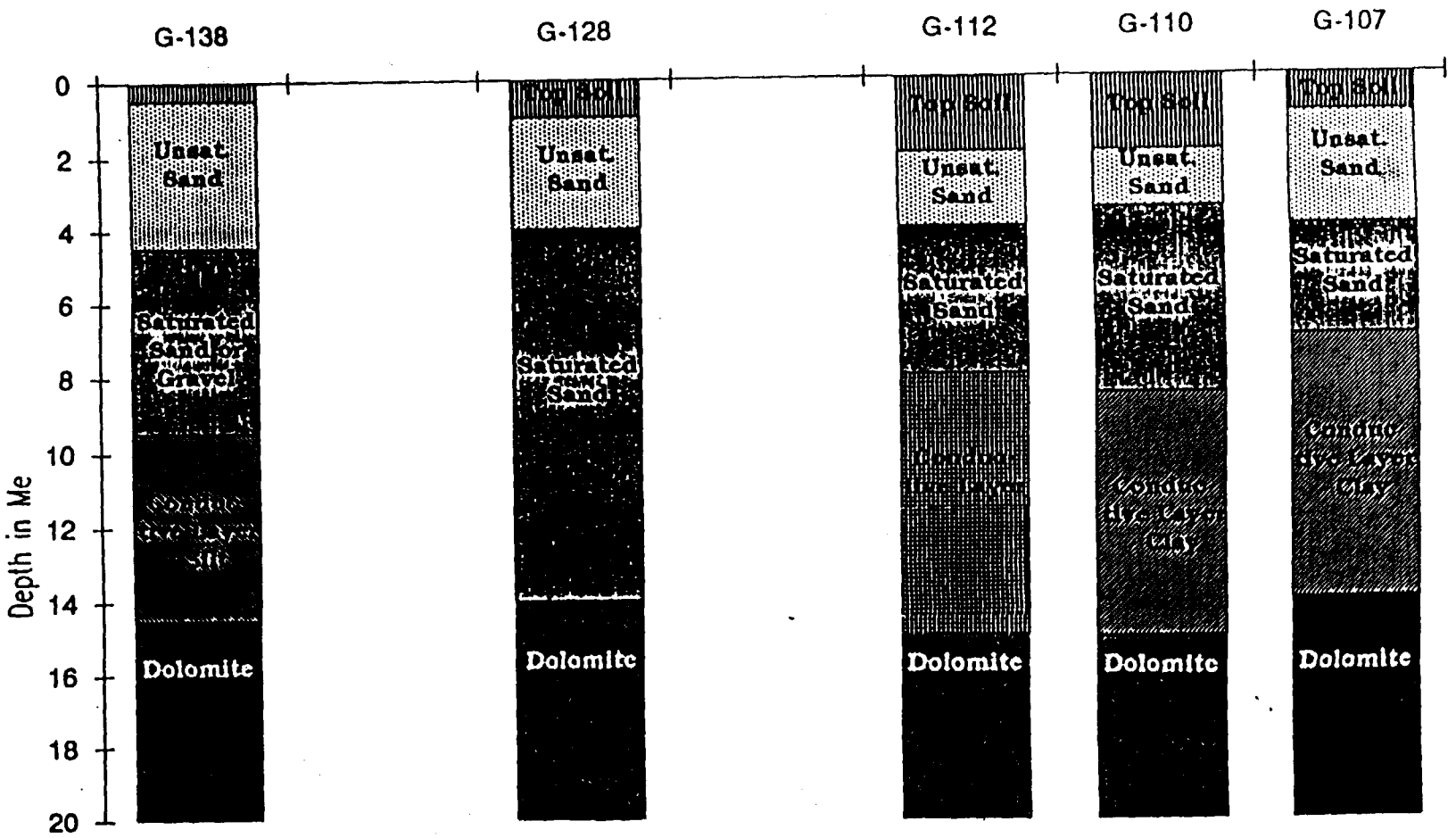

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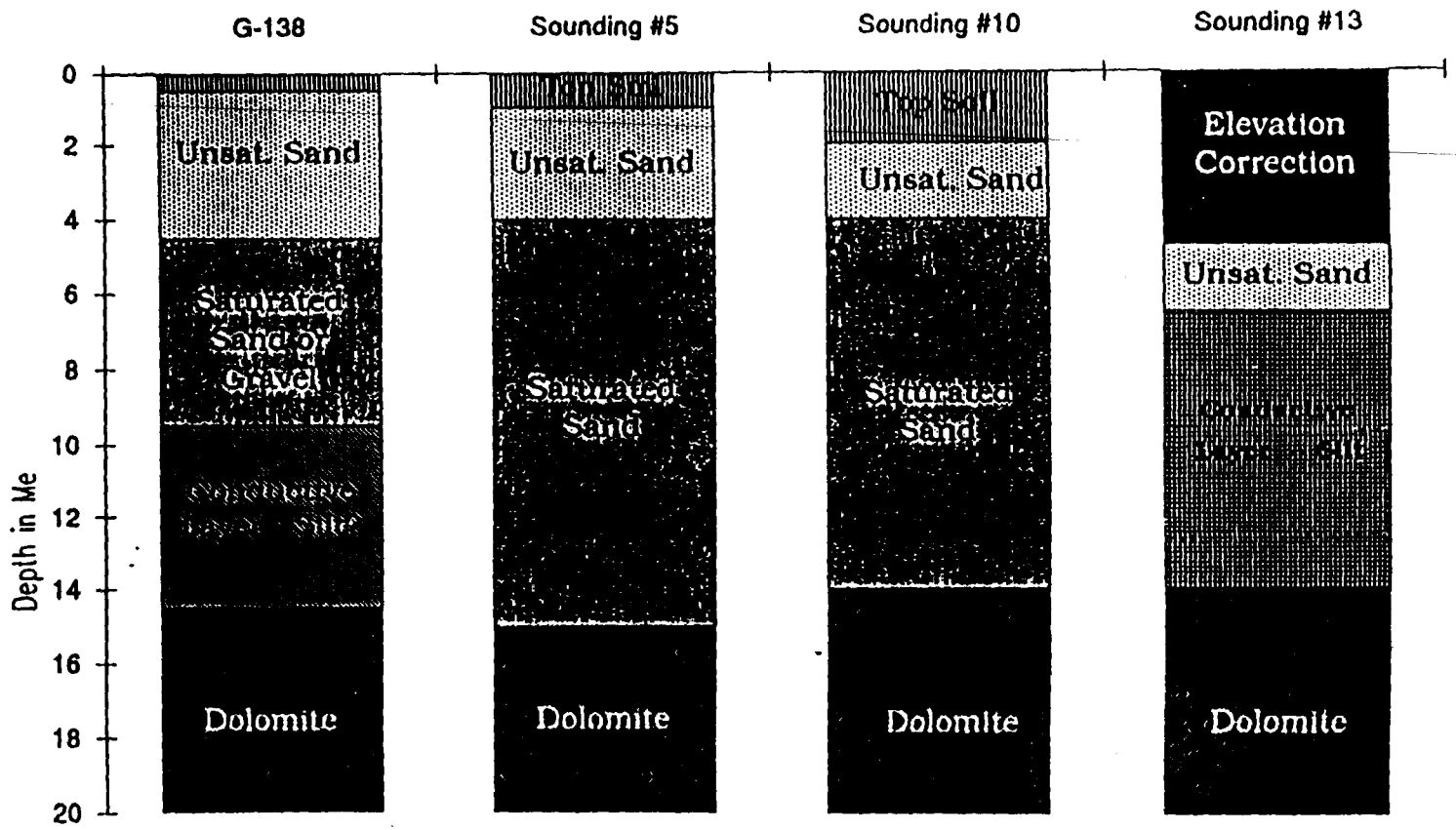
Figure 19. Blackwell Site - Fence Diagram of Geoelectrically Derived Stratigraphy From C to C'



DRAFT

D

BORING LOGS

D-1

SOIL BORINGS

KEY TO BORING LOGS

Sample Type

- Unsampled interval
- Auger cuttings sample
- Drilled by hollow stem augers; not sampled; logged by cuttings
- Hand sample from surface
- 4" outside diameter core barrel sampler
- Drilled by rotary wash bore; not sampled; logged by cuttings
- 5' continuous sampler
- 3" outside diameter split spoon sampler
- 3" shelby tube
- 2" outside diameter split spoon sampler

Lithologic Description

- Unknown lithology
- Lean clay
- Silty clay or clayey silt
- Sandy clay
- Concrete
- Construction debris-laden fill material
- Gravel
- Clayey gravel
- Silty gravel
- Sandy gravel
- Limestone or dolomitic limestone
- Silt
- Gravelly silt
- Silty sand
- Peat
- Sand
- Gravelly sand
- Sandy silt
- Topsoil

Borehole Material Graphics

- Concrete around flush-mounted protective casing
- Concrete surface seal around well casing
- Bentonite slurry or cement-bentonite grout around well casing
- Bentonite pellet seal around well casing
- Bentonite pellet seal around well screen
- Sand backfill around well casing
- Sand filter pack around well screen
- Sand backfill or natural soil collapse in borehole
- Concrete surface seal over borehole
- Bentonite slurry or bentonite-cement grout backfill in borehole
- Cuttings backfill in borehole
- Bentonite seal in borehole

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LOG OF TEST BORING

General Notes

Descriptive Soil Classification

GRAIN SIZE TERMINOLOGY

Soil Fraction	Particle Size	U.S. Standard Sieve Size
Boulders	Larger than 12"	Larger than 12"
Cobbles	3" to 12"	3" to 12"
Gravel: Coarse	¾" to 3"	¼" to 3"
Fine	4.76 mm to ¾"	#4 to ¼"
Sand: Coarse	2.00 mm to 4.76 mm	#10 to #4
Medium	0.42 mm to 2.00 mm	#40 to #10
Fine	0.074 mm to 0.42 mm	#200 to #40
Silt	0.005 mm to 0.074 mm	Smaller than #200
Clay	Smaller than 0.005 mm	Smaller than #200

Plasticity characteristics differentiate between silt and clay.

GENERAL TERMINOLOGY

Physical Characteristics
Color, moisture, grain shape, fineness, etc.
Major Constituents
Clay, silt, sand, gravel
Structure
Laminated, varved, fibrous, stratified, cemented, fissured, etc.
Geologic Origin
Glacial, alluvial, eolian, residual, etc.

RELATIVE DENSITY

Term	"N" Value
Very Loose	0-4
Loose	4-10
Medium Dense	10-30
Dense	30-50
Very Dense	Over 50

RELATIVE PROPORTIONS OF COHESIONLESS SOILS

Proportional Term	Defining Range By Percentage of Weight
Trace	0%- 5%
Little	5%-12%
Some	12%-35%
And	35%-50%

CONSISTENCY

Term	q_u-tons/sq. ft.
Very Soft	0.0 to 0.25
Soft	0.25 to 0.50
Medium	0.50 to 1.0
Stiff	1.0 to 2.0
Very Stiff	2.0 to 4.0
Hard	Over 4.0

ORGANIC CONTENT BY COMBUSTION METHOD

Soil Description	Loss on Ignition
Non Organic	Less than 4%
Organic Silt/Clay	4-12%
Sedimentary Peat	12-50%
Fibrous and Woody Peat	More than 50%

PLASTICITY

Term	Plastic Index
None to Slight	0-4
Slight	5-7
Medium	8-22
High to Very High	Over 22

The penetration resistance, N, is the summation of the number of blows required to effect two successive 6" pentrations of the 2" split-barrel sampler. The sampler is driven with a 140 lb. weight falling 30" and is seated to a depth of 6" before commencing the standard penetration test.

Symbols

DRILLING AND SAMPLING

CS—Continuous Sampling
RC—Rock Coring: Size AW, BW, NW, 2" W
RQD—Rock Quality Designator
RB—Rock Bit
FT—Fish Tail
OC—Drove Casing
C—Casing: Size 2½", NW, 4", HW
CW—Clear Water
DM—Drilling Mud
HSA—Hollow Stem Auger
FA—Flight Auger
HA—Hand Auger
CDA—Clean-Out Auger
SS—2" Diameter Split-Barrel Sample
2ST—2" Diameter Thin-Walled Tube Sample
3ST—3" Diameter Thin-Walled Tube Sample
PT—3" Diameter Piston Tube Sample
AS—Auger Sample
WS—Wash Sample
PTS—Peat Sample
PS—Pitcher Sample
NR—No Recovery
S—Sounding
PMT—Borehole Pressuremeter Test
VS—Vane Shear Test
WPT—Water Pressure Test

LABORATORY TESTS

q_p—Penetrometer Reading, tons/sq. ft.
q_u—Unconfined Strength, tons/sq. ft.
W—Moisture Content, %
LL—Liquid Limit, %
PL—Plastic Limit, %
SL—Shrinkage Limit, %
LI—Loss on Ignition, %
D—Dry Unit Weight, lbs./cu. ft.
pH—Measure of Soil Alkalinity or Acidity
FS—Free Swell, %

WATER LEVEL MEASUREMENT

▽—Water Level at time shown
NW—No Water Encountered
WD—While Drilling
BCR—Before Casing Removal
ACR—After Casing Removal
CW—Caved and Wet
CM—Caved and Moist

Note: Water level measurements shown on the boring logs represent conditions at the time indicated and may not reflect static levels, especially in cohesive soils.

Description of Boring Log Headings

No. = Sample number within the boring

Rec. = Amount of sample recovery

Moist = Visual estimate of the amount of moisture in the sample.

Type = Sampler type and sample interval

N Value = The penetration resistance, N, is the summation of the number of blows required to effect two successive 6" penetrations of the 2" split-spoon sampler. The sampler is driven with a 140 lb. weight falling 30" and is seated to a depth of 6" before commencing the standard penetration test.

Depth = Depth below ground surface

Visual Classification = Lithology symbol of stratigraphy; Description of stratigraphy; Borehole material graphics

qu(qa) = Unconfined compressive strength of the sample

PID = Photoionization detector reading

Description of Soil Samples

General Terminology

Relative Density (of noncohesive soils) or consistency (of cohesive soils)
Color
Grain Size (of noncohesive soils)
Major soil constituent
Minor proportions
Other characteristics or features
Unified Soil Classification System (USCS) Symbol

Descriptive Terms

NM = Not measured
ND = Not detected
M = Moist
F = Frozen
D = Dry
W = Wet
-- = Measurement not possible

Relative Density

Term	"N" Value
Very Loose	0-4
Loose	4-10
Medium Dense	10-30
Dense	30-50
Very Dense	Over 50

Consistency

Term	qa.-tons/sq.ft.
Very Soft	0.0 to 0.25
Soft	0.25 to 0.50
Medium	0.50 to 1.0
Stiff	1.0 to 2.0
Very Stiff	2.0 to 4.0
Hard	Over 40

Grain Size Terminology

Soil Fraction		Particle Size	U.S. Standard Sieve Size
Boulders		Larger than 12"	Larger than 12"
Cobbles		3" to 12"	3" to 12"
Gravel:	Coarse	3/4" to 3"	3/4" to 3"
	Fine	4.76 mm to 3/4"	#4 to 3/4"
Sand:	Coarse	2.00 mm to 4.76 mm	#10 to #4
	Medium	0.42 mm to 2.00 mm	#40 to #10
	Fine	0.074 mm to 0.42 mm	#200 to #40
Silt		0.005 mm to 0.074 mm	Smaller than #200
Clay		Smaller than 0.005 mm	Smaller than #200

Plasticity characteristics differentiate between silt and clay.

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UNIFIED SOIL CLASSIFICATION SYSTEM

COARSE-GRAINED SOILS

(More than half of material is larger than No. 200 seive size.)

GRAVELS More than half of coarse fraction larger than No. 4 sieve size	Clean Gravels (Little or no fines)	
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
	Gravels with Fines (Appreciable amount of fines)	
	GM d u	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-clay mixtures
SANDS More than half of coarse fraction smaller than No. 4 sieve size	Clean Sands (Little or no fines)	
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly graded sands, gravelly sands, little or no fines
	Sands with Fines (Appreciable amount of fines)	
	SM d u	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures

FINE-GRAINED SOILS

(More than half of material is smaller than No. 200 sieve.)

SILTS AND CLAYS Liquid limit less than 50%	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit greater than 50%	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS	PT	Peat and other highly organic soils

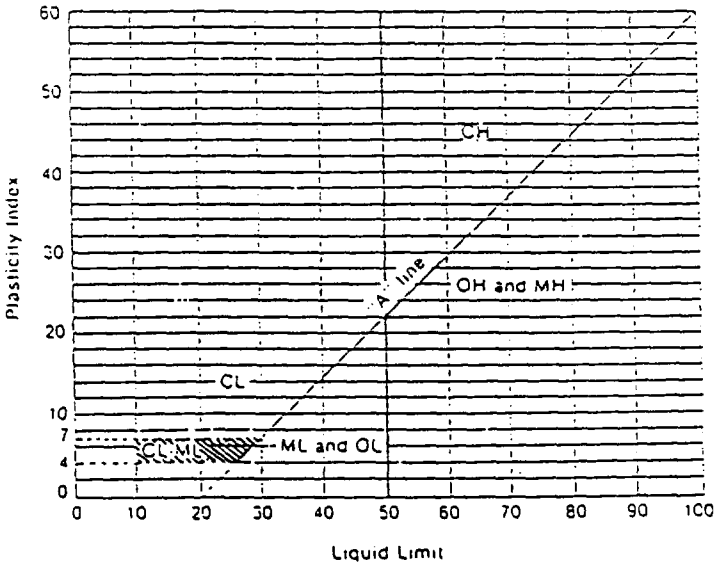
LABORATORY CLASSIFICATION CRITERIA

GW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3	
GP	Not meeting all gradation requirements for GW	
GM	Atterberg limits below "A" line or P.I. less than 4	Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
GC	Atterberg limits above "A" line with P.I. greater than 7	
SW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 6; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3	
SP	Not meeting all gradation requirements for SW	
SM	Atterberg limits below "A" line or P.I. less than 4	Limits plotting in hatched zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols.
SC	Atterberg limits above "A" line with P.I. greater than 7	

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 per cent	GW, GP, SW, SP
More than 12 per cent	GM, GC, SM, SC
5 to 12 per cent	Borderline cases requiring dual symbols

PLASTICITY CHART



For classification of fine-grained soils and fine fraction of coarse-grained soils.

Atterberg Limits plotting in hatched area are borderline classifications requiring use of dual symbols.

Equation of A-line: PI = 0.73 (LL - 20)

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LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB1
Surface Elevation 704.9
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE

Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)
1		1.0	M	12	
2		1.2	D/M	21	
3		1.2	D	15	5
4		1.4	D	17	
5		1.3	D/M	12	
6		1.5	W	13	10
7		1.4	W	18	
8		1.1	W	15	15
9		1.0	W	21	
10		1.0	W	20	
11		0.5	W	25	20
12		0.9	W	29	
13		1.1	W	21	25

VISUAL CLASSIFICATION and Remarks

Profile / Backfill

Black to Dark Brown Silty CLAY Loam, Trace of Roots, Fine Sand, Fine to Coarse Gravel and Dolomite Cobbles. (CL-ML)

Loose Light Brown Silty GRAVEL, Trace to Little Clay and Sand, Trace Cobbles, (decreasing silt with depth). Becomes Loose Brown Fine to Coarse SAND and GRAVEL, Some Silt, Trace Pebbles. (SP-GP)

Less Silt at 6-8 Feet

Brown and Light Brown Fine to Medium SAND, Some Layering, Moist. (SP)

Brown (rust color) SILT, Slight Trace Clay, Trace Fine Sand, Slightly Laminated. (ML)

Brown Fine SAND, Slightly Laminated, Increasing Medium to Coarse Sand with Depth. (SP)

Brown and Gray Clayey SILT, Layered with Fine Sand and Fine Silty Clay. (ML-CL)

Brown (rust color) and Gray Fine to Coarse SAND and GRAVEL, Trace Cobbles

Becomes Light Gray SAND and GRAVEL, Little to Some Dolomite Cobbles. (SP-GP)

Trace Silt, Less Pebbles, and Increased Fine to Coarse Sand at 18-20 Feet. Trace of Gray Silty Clayey Matrix Among Gravel and Cobbles.

SOIL PROPERTIES

qu (qa) (tsf)	PID (ppm)			

WATER LEVEL OBSERVATIONS

While Drilling ▽ 10.5 Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 5/29/91 End 5/29/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/2" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB1
Surface Elevation 704.9
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
14		1.1	W	53			Increasing Dolomite Cobbles at 26-28 Feet						
15		1.0	W	70+			Slightly Darker Gray with Trace Clayey Matrix at 28 Feet						
16		0.8	W	38	30		Boulder encountered at 29-30 feet. RWB drill through boulder and continue sampling.					ND	
17		0.7	W	69			Dense Gray Fine to Coarse SAND and GRAVEL, Trace Dolomite Cobbles. (SP-GP) Trace of Sandy Silt in Tip of Spoon at 34.5 to 35 Foot Interval.						
18		0.8	M/W	19	35		Gray Fine Sandy SILT, Trace Clay and Fine to Coarse Gravel. (ML)						
19		1.5	M	29									
20		1.3	M	19	40							ND	
21		1.5	M/W	60+									
							Grades to Gray Silty Fine SAND, Trace Clay, Fine to Coarse Gravel and Cobbles, Sand Increases with Depth. (SM)						
					45		Light Gray DOLOMITE, Fractured and Weathered.						
							End of Boring at 43 Feet Tremmie Slurry Borehole						
					50								

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LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB2
Surface Elevation 707.4
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
1		1.1	M	9		Black Organic SILT, Trace Clay and Fine Sand and Roots. (OL)				ND	
2		1.3	M	12		Grades into Brown and Dark Brown Clayey SILT, Trace of Gravel and Organics. (ML) Decreased Clay at 2-4 Feet				ND	
3		1.0	M/D	50/5	5	Dense Brown Silty Fine to Coarse SAND and GRAVEL, Trace Clay and Cobbles. (SP-GP)				ND	
4		1.4	M/D	15		Dense Brown Silty CLAY, Trace Fine Sand and Gravel. (CL-ML)				ND	
5		1.4	D	20		Grades Back to Brown Silty SAND and GRAVEL, Trace to Little Clay and Dolomite Cobbles. (SP-GP)				ND	
6		1.4	D	28	10	Decreasing Silt and Clay, Increasing Dolomite Pebbles and Cobbles at 10-12 Feet.				ND	
7		1.2	M	27		Trace Clayey Matrix (1") at 13 Feet, Trace Silt.				ND	
8		1.0	W	23	15					ND	
9		1.1	W	20		Rust Color and No Silt at 16-18 Feet.				ND	
10		1.0	W	13						ND	
11		1.1	W	16	20	More Rust Color at 21-22 Feet and 22-24 Feet				ND	
12		1.1	W	10		No Silt at 22-24 Feet				ND	
13		1.1	W	9	25					ND	

WATER LEVEL OBSERVATIONS

While Drilling ▽ 14.0 Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 5/31/91 End 5/31/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/2" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB2
Surface Elevation 707.4
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole	Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
							Brown Fine to Coarse SAND and GRAVEL to 26 Feet							
14		1.5	W/M	7			Dense Brown Fine SAND, Some Silt, Trace Clay. (SM)						ND	
15		1.4	W	47			Gray SILT, Some Fine Sand, Trace to Little Clay. (ML)						ND	
							Gray Silty Fine SAND. (SM)							
					30									
16		1.2	M/W	15			Gray Fine SAND and Coarse GRAVEL, Some Silt, Trace Dolomite Cobbles and Clay. (SP-GP)						ND	
17		1.4	M/W	25			Gray Silty Fine SAND, Some Fine to Coarse Gravel, Trace Clay and Cobbles. Increasingly Siltier with Depth.						ND	
18		1.8	M	43			Occasional Fine Sand Seams at 33-34 Feet. (SM)						ND	
					35									
19		1.5	M/W	33			Dense Gray Fine Sandy SILT, Trace Clay and Fine to Coarse Gravel. (ML)						ND	
20		1.6	M	45									ND	
					40									
21		1.5	M	45			0.3' Silty Fine Sand Seam at 40.5 and 42.0 Feet. Increasing Fine Sand with Depth.						ND	
22		1.6	M/W	40									ND	
							Gray Fine SAND, Little Silt. (SM)							
23		1.4	W	100			Weathered and Fractured Gray and White DOLOMITE. Competent Bedrock at 44 Feet.						ND	
					45									
							End of Boring at 46 Feet Tremmie Slurry Borehole							
					50									

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB3
Surface Elevation 706.6
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE Number	TYPE	Rec. (ft.)	Moisture	N Value	Depth (ft.)	PROFILE	VISUAL CLASSIFICATION and Remarks	BORE HOLE	BACKFILL	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
1		1.5	M	4			Black to Dark Brown Organic SILT, Some Clay, Trace Roots. (OL-ML)						ND	
2		0.9	M	8									ND	
3		1.1	M	31			Dense and Mottled at 4-5 Feet.						ND	
					5		Very Dense Brown Silty Fine to Coarse SAND and GRAVEL, Trace Clay and Dolomite Cobbles. (SP-GP)							
4		1.9	M	22									ND	
							Dark Brown and Dark Gray Clayey SILT, Trace Fine Gravel, Plastic and Slightly Mottled. (ML)							
5		1.0	M	10									ND	
					10		Grades to Brown Clayey SILT, Slightly Mottled, Trace Fine to Medium Sand and Organics, Plastic. (ML)							
6		1.0	M/D	23									ND	
							Very Dense Brown Silty Fine to Coarse SAND and GRAVEL, Trace Clay and Dolomite Cobbles. Less Silt and Less Dense at 13 Feet.							
7		1.2	M/W	16	▽								ND	
8		0.9	W	13									ND	
					15									
9		1.0	W	14			Increasing Dolomite Cobbles at 16-17 Feet. Rust Color at 17 Feet with only Trace Silt in Sand and Gravel, Poorly Sorted.						ND	
10		1.2	W	20									ND	
					20		Light Brown Fine to Coarse SAND, Trace Fine to Coarse Gravel, Well Sorted. (SW)							
11		0.0	--	22									ND	
12		1.0	W	11			Increasingly Coarser Sand and Gravel with Depth to Approximately 24.4 Feet.						ND	
13		1.0	W	16			Interbedded Fine to Medium Sand at						ND	
					25									

WATER LEVEL OBSERVATIONS

While Drilling ▽ 13.0 Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 5/31/91 End 6/1/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB3
Surface Elevation 706.6
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
							24.4-25.5 Feet, Layering.						
14		1.4	W	7			Then Homogeneous Brown Fine to Medium SAND which Grades to Gray Fine to Medium SAND at 26 to 26.4 Feet.					ND	
15		1.4	W	18			Sticky and Slightly Plastic, Gray SILT, Some Clay, Trace Fine Sand. (ML)					ND	
16		1.2	W	16	30		Gray Sandy SILT, Trace Clay. (ML)					ND	
17		0.9	W	32			Grades to Gray Fine to Medium SAND, Little Coarse Sand and Fine Gravel, Trace Fine to Coarse Gravel, Well Sorted. (SP) Increasing Sand and Gravel at 29.5-30'					ND	
18		1.4	M	41	35		Grades to Fine to Coarse SAND and GRAVEL					ND	
19		1.0	W	46			Dense and Plastic, Gray Silty CLAY, Trace Fine to Coarse Gravel (Yorkville Till)					ND	
20		1.5	M	54			Gray and Brown Silty SAND and GRAVEL, Trace Clay and Dolomite Cobbles. Interbedding of Fine and Coarse Sand with Occasional Dense Silt with Gravel. (SP-GP)					ND	
21		1.1	M/W	43	40		Gray Fine Sandy SILT, Trace Clay and Fine to Coarse Gravel and Dolomite Cobbles.					ND	
22		1.3	M/W	26			Fine Sand Increasing with Depth, Some Layering of Fine Sand with Increasing and Decreasing Amounts of Silt. (ML)					ND	
					45		End of Boring at 44 Feet Tremmie Slurry Borehole						
					50								

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB4
Surface Elevation 704.4
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
1		1.1	M	8			Black to Dark Brown Silty CLAY, Trace Organics (roots). Becomes Dense with Increased Silt, Trace Fine to Coarse Gravel and Cobbles. (OL-ML)					ND	
2		1.0	M	13								ND	
3		2.0	M	20								ND	
					5		Dense Rust Brown Fine to Medium Silty SAND, Some Fine to Coarse Gravel. (SP-GM)						
4		1.5	M	20								ND	
							Dry Brown Silty Fine Sand Layer at 8-8.5 Feet.						
5		1.7	M	16								ND	
6		1.5	W	31	10		Trace Clay with Coarse Dolomite Gravel at 9-11 Feet.					ND	
7		1.6	W	8			Brown Silty Fine SAND, Trace Medium Sand, Increased Silt at 13 Feet, Then Less Silt at 13.5 Feet. (SM)					ND	
8		1.5	W	8			Brown Clayey SILT. (ML)					ND	
					15		Silty Fine to Medium SAND. (SM)						
9		1.6	W	9			Gray Fine Silty SAND. (SM) Trace Medium Sand at 16.3 Feet.					ND	
10		1.3	W	6			Gray Fine Sandy SILT, Trace to Some Clay, Amount of Clay Increases with Depth. (ML)					ND	
11		1.3	W	39	20		Gray Fine to Medium Poorly Sorted Silty SAND. (SM-SP)					ND	
12		1.3	W	40			Becomes Gray Fine to Coarse Silty SAND and GRAVEL. (SP-GP) Coarser Sand and Gravel with Depth					ND	
13		1.2	W	25	25							ND	

WATER LEVEL OBSERVATIONS

While Drilling ▽ NM Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/1/91 End 6/1/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/2" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB4
Surface Elevation 704.4
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Visual Classification and Remarks	Soil Properties qu (qa) (tsf)	PID (ppm)		
14		1.2	W	21		Grades to Light Brown Poorly Sorted Silty SAND and GRAVEL. (SP-GP)				ND
15		1.1	W	24		Angular Dolomite Gravel Present at 29 Feet.				ND
16		1.1	W	24	30					ND
17		0.8	W	20						ND
18		0.9	W	17	35	Trace to Some Clay and Increased Coarse Dolomite Gravel at 34 Feet. Rust (oxidation) Color at 35-36 Feet.				ND
19		1.0	W	23		Coarse Dolomite Gravel Decreases and Gravel is More Rounded Than Previous Sample.				ND
20		1.2	W	21						ND
21		1.0	W	58	40	Becomes Rust Brown Silty Medium Dense SAND and GRAVEL, Dolomite Gravel and Cobbles Present. Rust Color Increases with Depth. (SP-GP)				ND
22		0.9	W	50/2		Light Brown Fine Silty Well Sorted SAND.				ND
23		0.3	W	50/3	45	Weathered DOLOMITE Bedrock at 42.8-43.5 Feet, then Dolomite 43.5+.				ND
					50	End of Boring at 45.5 Feet Tremmie Slurry Borehole				

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB5
Surface Elevation 703.2
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)		
1		1.0	M	7		Black to Dark Brown Clayey SILT, Trace to Some Roots, Trace Fine Sand and Fine to Coarse Gravel. (ML)				ND
2		1.8	M	8		Grades to Brown Silty CLAY, Trace to Little Fine Sand and Fine to Coarse Gravel at 2.0 Feet.				ND
3		1.5	D	48	5	Loose Brown Fine to Coarse SAND and GRAVEL, Trace Dolomite Cobbles and Silt. (SP-GP)				ND
						Dense Brown Silty Fine SAND. (SM)				
4		1.4	D	30		Brown Fine to Coarse SAND and GRAVEL, Trace to Some Silt (increasing and decreasing with depth, varying amounts), Trace Dolomite Cobbles.				ND
5		1.4	W	29 ▽	10					ND
6		1.6	W	11		Less Silty and Well Sorted with Less Fine to Medium Sand at 12-13 Feet.				ND
7		0.0	--	8	15					ND
8		1.3	W	11						ND
						Increasing Silt at 18.0 Feet.				
						Gray Fine to Coarse SAND. (SP)				
9		0.5	W	17	20	Gray Fine Sandy SILT, Trace Clay and Dolomite Gravel. (ML) Increasing Gravel with Depth				ND
10		1.4	W	29		Gray Fine to Coarse SAND and GRAVEL, Trace to Little Silt and Dolomite Cobbles. (SP-GP)				ND
						Brown Fine SAND. (SP)				
11		1.3	W	30	25	Gray to Light Gray Fine to Coarse				ND

WATER LEVEL OBSERVATIONS

While Drilling ▽ 9.5 Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/2/91 End 6/2/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/2" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB5
Surface Elevation 703.2
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
							SAND, Trace to Some Fine to Coarse Gravel (decreasing gravel with depth).						
12		1.8	W	24								ND	
13		1.5	W	29	30		Grades to Brown at 29.0 Feet. Trace of Rust and Gray Coloration at 30 Feet (Mostly Brown)					ND	
14		1.4	W	31			Dense with Slight Trace of Silt at 30.5 Feet. Brownish Gray with No Silt at 32-33 Feet.					ND	
15		1.0	M	18	35		Soft Gray Silty CLAY, Trace Fine Dolomite Gravel, Moist. (CL-ML)					ND	
16		1.3	M/W	30			Grades to Gray Fine Sandy SILT, Trace Fine to Coarse Dolomite Gravel, Trace to Little Clay. (ML)					ND	
17		0.4	W	62+			Fractured Dolomite, Possible Coarse Cobble.					ND	
18		1.7	W	50/4	40		Gray Fine SAND, Trace to Little Silt and Fine Gravel. (SM-SP) Trace Clay at 37.2 Feet. Decreasing Silt 37.5-38 Feet					ND	
							Gray SILT, Trace to Little Clay, Increased Fine Sand with Depth, Trace Coarse Dolomite Gravel. (ML)						
							Brown and Gray DOLOMITE, Weathered and Fractured						
					45		End of Boring at 42 Feet. Tremmie Slurry Borehole						
					50								

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB6
Surface Elevation 705.2
Job No. 60721.00
Sheet 1 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
1		1.4	M	93			Black Organic Clayey SILT. (Topsoil)					ND	
2		1.6	M	15			Black to Dark Brown Silty CLAY, Trace Fine to Coarse Sand and Gravel. (CL-ML)					ND	
3		1.2	M	9	5							ND	
4		1.2	M	8								ND	
5		1.3	M/W	10	10		Trace Coarse Dolomite Cobbles at 9.0 Feet Brown Fine to Coarse SAND and GRAVEL, Trace Silt. (SP-GP)					ND	
6		1.6	W/M	8			Trace to Little Clay and Silt with Less Sand and Gravel at 11.5 Feet. Brown Fine Sandy SILT, Trace Clay. (ML)					ND	
7		1.4	W	9	15		Gray Fine Sandy SILT and Silty CLAY (alternating layers about 6" between) at 12-13.5 Feet. (CL-ML) Gray Fine to Coarse SAND Seam. (SP)					ND	
8		1.1	W	26			Dense Gray Silty CLAY, Trace Brown Silt. (CL) Brown and Gray Fine to Coarse SAND and GRAVEL, Trace Dolomite Cobbles and Silt.					ND	
9		1.1	M/W	39	20		Less Coarse Sand and Gravel at 17-18 Feet. Trace Clay and Dolomite Cobbles at 18.5-19.0 Feet.					NS	
10		1.0	W	40			Brown to Gray Fine Sand Seam (.3 Feet) with Trace Clay at 20.5 Feet Dense with No Silt at 24-30 Feet.					ND	
					25								

WATER LEVEL OBSERVATIONS

While Drilling ▽ 11.0 Upon Completion of Drilling ▼ NM
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/2/91 End 6/3/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. SB6
Surface Elevation 705.2
Job No. 60721.00
Sheet 2 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)			
11		1.0	W	31								ND	
12		0.9	W	41								ND	
					30								
13		1.2	W	41								ND	
14		1.3	W	53								ND	
15		1.2	W	60	35							ND	
16		1.0	W/M	44								ND	
17		0.8	M	19			Dense Gray SILT, Trace to Little Fine Sand, Trace Fine to Coarse Gravel and Dolomite Cobbles, Increasing Fine Sand with Depth. (ML)					ND	
18		1.6	M/W	31	40		Grades to Fine Sandy SILT, Trace Clay, Medium Sand and Fine to Coarse Gravel and Dolomite Cobbles (increased Fine to Medium Sand at 40.5 Feet).					ND	
19		0.8	W	77+			Weathered and Fractured Light Gray DOLOMITE Bedrock Trace Light Brown Clayey Silt Matrix in Fractures.					ND	
					45		End of Boring at 44 Feet Tremmie Slurry Borehole						
					50								

D-2

MONITORING WELL LOCATIONS

WARZYN

LOG OF TEST BORING

Project Blackwell Landfill
RI/FS
Location Warrenville, Illinois

Boring No. G-140D
Surface Elevation 702.9
Job No. 6072100
Sheet 1 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	TYPE	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
						Black Silty TOPSOIL		
						Medium Stiff, Dark Brown to Black, Mixed Silty Clay and Silty Fine Sand, Some Fine to Coarse Gravel (FILL)		
1		1.0	M	11				1.5
					5	Medium Dense, Light Brown Fine to Medium Sandy SILT, Some Fine to Coarse Gravel (ML) (TILL)		
2		1.2	M	12				1.5
3		1.2	M	11				6.0
					10			
4		1.2	W	17		Medium Dense, Brown, Silty Fine to Medium SAND, Little Fine to Coarse Gravel (SM) (TILL). Scattered 1" Brown Fine to Coarse Sand Seams		2.5
5		1.5	W	4		Loose, Gray Fine Sandy SILT (ML) Thin, Horizontal Laminae (1/4" to 1/2") of Silt, Fine Sand and Silty Fine Sand (ML/SP/SM) (Medial Outwash)		0.1
					15			
6		1.5	W	2				0.2
7		0.3	M	17		Medium Dense, Gray Fine to Medium SAND (SP)		0.5
					20	Very Dense, Gray-Brown Fine to Coarse Gravelly SAND, Little Silt (SP-SM)		
8		1.5	M	41				0.5
9		1.5	W	26				0.2
					25			
10		1.3	W	21				0.2
11		0.5	W	15				0.6
					30			
12		0.7	W	26				0.6
13		0.8	W	19				0.6

WATER LEVEL OBSERVATIONS

While Drilling ▽ 13.5' Upon Completion of Drilling ▼
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/10/91 End 6/10/91 Drill
Driller Mathes Chief JB Rig CME
Logger GFP Editor JAW 75
Drill Method 4.25" HSA 0- 41' Wash
Rotary 41-59'

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill RI/FS
Location: Warrenville, Illinois

Boring No. G-140D
Surface Elevation 702.9
Job No. 6072100
Sheet 2 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · · TEL. (708) 691-5000

SAMPLE Number	TYPE	Rec. (ft.)	Moisture	N Value	Depth (ft.)	PROFILE	VISUAL CLASSIFICATION and Remarks	BORE HOLE	BACKFILL	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
					35						
14		1.0	W	24							0.5
15		0.8	W	51							0.2
16		0.7	W	25	40		Dense, Gray-Brown Fine to Coarse Sandy SILT, Some Fine to Coarse Gravel (ML) (TILL)				0.2
17		0.3	W	50							0.5
					45						
					50						
					55		Light Brown to Light Gray, Hard DOLOMITE; Small Pinhole-Sized Vugs				
							End of Boring at 59.0 Feet				
					60						
					65						
					70						

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill RI/FS
Location: Warrenville, Illinois

Boring No. G-141D
Surface Elevation 705.6
Job No. 6072100
Sheet 1 of 2

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
						Black Silty TOPSOIL		
1		0.8	M	50/5		Very Dense, Brown Silty Fine to Coarse SAND, Some Fine to Coarse Gravel (FILL)		
2		0.7	M	13	5	Soft, Brown, Varigated Silty CLAY Little Fine to Coarse Sand (FILL)		1.8
						Medium Dense, Brown, Fine to Coarse Gravelly SAND (FILL)		1.8
3		1.7	M	19		Black, Old TOPSOIL		
4		2.0	M	16	10	Medium Dense, Brown, Fine to Coarse SAND, Some Fine to Coarse Gravel, Little Silt (SP-SM)		10.0
5		1.7	M/W	12		Medium Dense, Brown Fine to Medium SAND, Trace Silt (SP)		8.0
6		1.2	W	10	15	Medium Dense, Brown, Silty Fine to Medium SAND (SM), (Leachate Odor)		10.0
7		1.7	W	35		Medium Dense, Brown Fine to Coarse SAND, Some Fine to Coarse Gravel, Little Silt (SP-SM) (Leachate Odor)		0.5
8		2.0	W	71	20	Loose, Gray Fine Sandy SILT, Little Clay (ML)		0.8
9		1.0	M	84		Very Dense Gray Fine to Coarse Sandy GRAVEL, Some Silt Scattered Cobbles and Boulders (GM)		0.0
10		1.3	W	65	25			0.5
11		0.8	W	26				0.5
12		0.7	W	9	30	Medium Stiff, Gray Fine to Medium Sandy SILT, Little Fine to Coarse Gravel (ML) QP=1.5 TSF (TILL)		0.8
13		1.7	W	15		Medium Dense, Gray Fine to Coarse		0.0

WATER LEVEL OBSERVATIONS

While Drilling ▽ 14.0' Upon Completion of Drilling ▼
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/13/91 End 6/13/91 Drill
Driller Mathes Chief JB Rig CME
Logger GFP Editor JAW 75
Drill Method 4.25"HSA 0- 44.5' Wash
Rotary 44.5-66.5'

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill RI/FS
Location: Warrenville, Illinois

Boring No. G-141D
Surface Elevation 705.6
Job No. 6072100
Sheet 2 of 2

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
						SAND, Little Fine to Coarse Gravel (SP)		
~~14~~		~~0.7~~	~~W~~	~~16~~	35	Medium Stiff, Gray Fine to Medium Sandy SILT, Little Fine to Coarse Gravel (ML) (TILL)		~~0.0~~
~~15~~		~~1.0~~	~~W~~	~~14~~				0.0
16		1.9	M	24				0.5
17		2.0	M	48				0.4
18		1.5	M	25	40			0.1
						Dense, White, Silty Fine to Coarse GRAVEL (GM) (Weathered Dolomite Bedrock)		0.2
19		1.3	W	30				0.0
20		0.3	W	50/4	45			0.4
					50	Hard, Light Gray to Light Brown, Slightly Vuggy, Mostly Solid DOLOMITE, Vugs Range From Pinhole to 1/20" Diameter; No Discernable Fossils; RQD-5.2/5.6. Most Fractures are Horizontal; Vertical Fracture at 48.5' to 49.1'		
					55			
					60			
					65			
						End of Boring at 66.5 Feet		
					70			

WARZYN

LOG OF TEST BORING

Project Blackwell Landfill RI/FS
Location Warrenville, Illinois

Boring No. G-140S
Surface Elevation 703.4
Job No. 6072100
Sheet 1 of 1

2100 CORPORATE DRIVE - ADDISON, ILLINOIS 60101 - TEL. (708) 691-5000

SAMPLE						PROFILE	VISUAL CLASSIFICATION and Remarks	BOREHOLE BACKFILL	SOIL PROPERTIES				
Number	TYPE	Rec. (ft.)	Mois-ture	N Value	Depth (ft.)				qu (qa) (tsf)	PID (ppm)			
							Blind Drill 0 to 30'; See Log of Test Boring G-140D for Soil Descriptions 0 to 30'						
					5								
					10								
					15								
					20								
					25								
					30		End of Boring at 30' Set 5' SS Well Screen at 30'						

WATER LEVEL OBSERVATIONS

While Drilling ▽ Upon Completion of Drilling ▼
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/14/91 End 6/14/91 Drill
Driller Mathes Chief JB Rig CME 75
Logger GFP Editor JAW
Drill Method 4.25" HSA

D-3

PIEZOMETER LOCATIONS

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. P1
Surface Elevation 714.3
Job No. 60721.00
Sheet 1 of 1

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	TYPE	Rec. (ft.)	Moisture	N Value	Depth (ft.)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
						Straight drill to 5 feet, then sample every 5 foot interval. Black to Brown SILT, Trace Clay and Fine Sand, Trace Organics (OL-ML)		
1		1.0	M	9	5			
						Brown SILT and Fine SAND, Thin Layer Above Sand and Gravel (SM)		
						Brown Fine to Coarse SAND and GRAVEL, Trace to Some Silt, Trace Dolomite Cobbles. (SP)		
2		1.6	D	35	10			
						Trace Clayey Matrix Among Dolomite Cobbles @ 10-12 Feet		
3		0.0	--	10	15			
4		1.3	M/W		20	Gray SILT, Trace to Some Fine Sand, Moist/Wet (ML)		
						Brown Fine to Medium SAND, Trace Silt, Wet (SP)		
						End of Boring at 22 Feet Installed Piezometer P1 to 18 Feet		
					25			

WATER LEVEL OBSERVATIONS

While Drilling ▽ 15.0 Upon Completion of Drilling ▼ 13.0
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/3/91 End 6/3/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. P2
Surface Elevation 696.5
Job No. 60721.00
Sheet 1 of 1

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	TYPE	Rec. (ft.)	Moisture	N Value	Depth (ft.)	PROFILE	VISUAL CLASSIFICATION and Remarks	BORE HOLE	BACKFILL	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
							Straight Drill 5 Feet, then sample every 5 foot interval. Black to Brown Organic Clayey SILT, Trace Fine Sand (OL)				
1		1.1	M	14	5		Brown Soft Clayey SILT, Trace Fine Sand. (ML)				
							Brown Fine to Coarse SAND and GRAVEL, Trace Silt and Dolomite Cobbles. (SP)				
2		1.2	W	20	10		Drill to 12.5' for Well Placement				
							End of Boring at 12.5 Feet Install Piezometer P2 to 12.5 Feet				
					15						
					20						
					25						

WATER LEVEL OBSERVATIONS

While Drilling ▽ 8.0 Upon Completion of Drilling ▼ 5.0
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/3/91 End 6/3/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. P3
Surface Elevation 704.2
Job No. 60721.00
Sheet 1 of 1

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Profile	VISUAL CLASSIFICATION and Remarks	Borehole	Backfill	SOIL PROPERTIES qu (qa) (tsf)	PID (ppm)
							Black to Brown Organic SILT (OL)				
							Dark Brown to Brown Silty Fine SAND and Fine to Coarse GRAVEL, Dry and Loose (SP-GP)				
1		1.0	D	11	5						
2		1.3	W	13	10		Decreasing Silt with Depth, Trace Dolomite Cobbles and Rust Color.				
					15		End of Boring at 15 Feet Installed Piezometer P3 to 15 Feet				
					20						
					25						

WATER LEVEL OBSERVATIONS

While Drilling ▽ 10.0 Upon Completion of Drilling ▼ 9.7
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

Begin 6/4/91 End 6/4/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

WARZYN

LOG OF TEST BORING

Project: Blackwell Landfill
Remedial Investigation
Location: Warrenville, Illinois

Boring No. P4
Surface Elevation 708.8
Job No. 60721.00
Sheet 1 of 1

2100 CORPORATE DRIVE · ADDISON, ILLINOIS 60101 · TEL. (708) 691-5000

SAMPLE Number	Type	Rec. (ft.)	Moisture	N Value	Depth (ft.)	Visual Classification and Remarks	Soil Properties qu (qa) (tsf)	PID (ppm)
						Black to Dark Brown Fine Sandy SILT, Trace Clay and Fine to Coarse Gravel (SM)		
1		1.4	D	11	5	Brown Fine SAND, Some Silt, Trace Medium Sand and Fine Gravel. (SM)		
						Black Organic Silty CLAY, Trace Roots and Fine Sand, Topsoil-like. (OL-CL)		
2		1.1	M	3	10	Gray Clayey SILT, Trace to Some Fine to Coarse Sand. (ML)		
						Gray Silty Fine to Coarse SAND, Trace Fine Gravel and Clay. (SP-GM)		
3		1.2	W	14	15	Grades into Brown Fine to Coarse SAND and GRAVEL, Some Rust Color. (SP-GP)		
						End of Boring at 17 Feet Install Piezometer P4 to 15 Feet		
					20			
					25			

WATER LEVEL OBSERVATIONS

While Drilling ▽ 13.0 Upon Completion of Drilling ▼ 9.5
Time After Drilling
Depth to Water
Depth to Cave in

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES

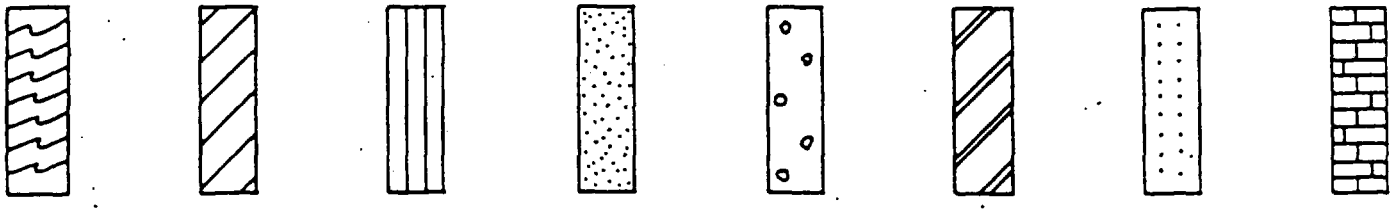
Begin 6/4/91 End 6/4/91 Drill
Driller Mathes Chief JTB Rig CME75
Logger TJM Editor JAW
Drill Method 4-1/4" HSA

D-4

LOGS FROM PREVIOUS BORINGS/WELLS

TESTING SERVICE CORPORATION

LEGEND FOR BORING LOGS



PEAT AND RGANIC SOIL | CLAY | SILT | SAND | GRAVEL | SHALE | SANDSTONE | LIMESTONE

ST = THIN WALLED TUBE SAMPLE
SS = Split Spoon Sample
γ_D = Dry unit weight in pounds per cubic foot
A = Auger Sample
WC = In situ water content
N = Penetration Resistance in Blows per Foot - by driving 2" O.D. Split Spoon Sampler a distance of 12 inches with a 140-pound weight freely falling 30 inches
∇ = water level at end of boring
▼ = water level after elapsed time interval
∇ = water level while Drilling
Qu = Unconfined compression strength in Tons per Square Foot
* = Denotes strength was based on pocket penetrometer measurements . Maximum range = 5.0

MATERIAL	SIZE RANGE
BOULDER	Over 8 inches
COBBLE	8 inches to 2-1/2 inches
Coarse GRAVEL	2-1/2 inches to 1 inch
Medium GRAVEL	1 inch to 3/8 inch
Small GRAVEL	3/8 inch to No. 4 sieve
Coarse SAND	No. 4 sieve to No. 20 sieve
Medium SAND	No. 20 sieve to No. 60 sieve
Fine SAND	NO. 60 sieve to No. 200 sieve
SILT or CLAY	Finer than No. 200 sieve

COHESIVE SOILS

Classification	Qu
Very Soft	0.35
Soft	0.35 to 0.59
Stiff	0.60 to 0.99
Tough	1.00 to 1.99
Very Tough	2.00 to 3.99
Hard	4.00 and over

COHESIONLESS SOILS

Classification	N
Very Loose	0 - 4
Loose	5 - 9
Firm	10 - 29
Dense	30 - 49
Very Dense	50 and over

MAJOR MODIFIER: SILTY, SANDY, CLAYEY, GRAVELLY

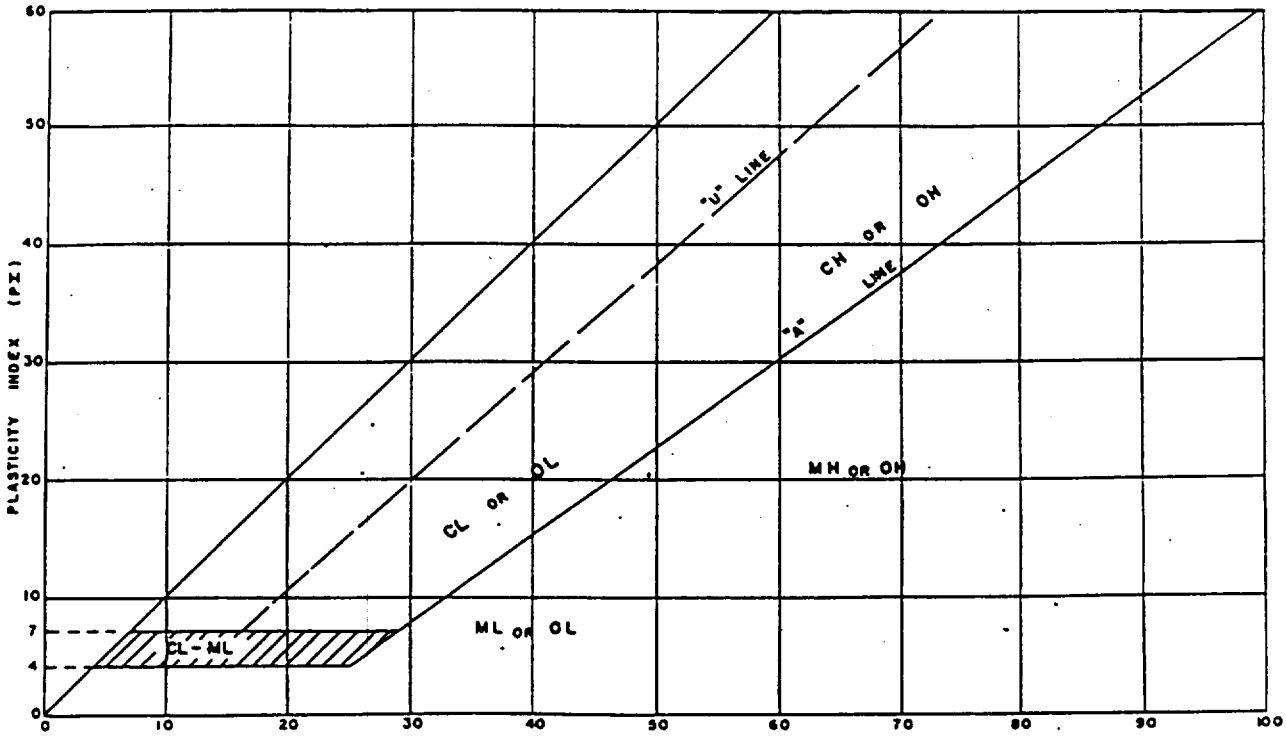
Modifying Term	Per Cent by Weight
Trace	1 - 10
Little	10 - 20
Some	20 - 35
And	35 - 50

TESTING SERVICE CORPORATION

UNIFIED CLASSIFICATION CHART

			CRITERIA FOR ASSIGNING GROUP SYMBOLS AND GROUP NAMES USING LABORATORY TESTS [a]	SOIL CLASSIFICATION	
				GROUP SYMBOL	GROUP NAME [b]
COARSE-GRAINED SOILS more than 50 % retained on No. 200 sieve	GRAVELS More than 50 % of coarse fraction retained on No. 4 sieve	CLEAN GRAVELS Less than 5 % fines [c]	$C_u \geq 4$ and $1 \leq C_c \leq 3$ [e]	GW	Well graded gravel [f]
			$C_u < 4$ and/or $1 > C_c > 3$ [e]	GP	Poorly graded gravel [f]
		GRAVELS WITH FINES More than 12 % fines [c]	Fines classify as ML or MH	GM	Silty gravel f,g,h
			Fines classify as CL or CH	GC	Clayey gravel f,g,h
	SANDS 50 % or more of coarse fraction passes No. 4 sieve	CLEAN SANDS Less than 5 % fines [d]	$C_u \geq 6$ and $1 \leq C_c \leq 3$ [e]	SW	Well-graded sand [i]
			$C_u < 6$ and/or $1 > C_c > 3$ [e]	SP	Poorly graded sand [i]
		SANDS WITH FINES More than 12 % fines [d]	Fines classify as ML or MH	SM	Silty sand g,h,i
			Fines classify as CL or CH	SC	Clayey sand g,h,i
FINE-GRAINED SOILS 50 % or more passed the No. 200 sieve	SILTS & CLAYS Liquid limit less than 50 %	Inorganic	PI > 7 and plots on or above "A" line [j]	CL	Lean clay k,l,m
			PI < 4 or plots below "A" line [j]	ML	Silt k,l,m
		Organic	$\frac{\text{Liquid limit — oven dried}}{\text{Liquid limit — not dried}} < 0.75$	OL	Organic clay k,l,m,n Organic silt k,l,m,n
	SILTS & CLAYS Liquid limit 50 % or more	Inorganic	PI plots on or above "A" line	CH	Fat clay k,l,m
			PI plots below "A" line	MH	Elastic silt k,l,m
		Organic	$\frac{\text{Liquid limit — oven dried}}{\text{Liquid limit — not dried}} < 0.75$	OH	Organic clay k,l,m,p Organic silt k,l,m,q
Highly organic soils		Primarily organic matter, dark in color, and organic odor		PT	Peat

a. Based on the material passing the 3-in (75-mm) sieve.
b. If field sample contained cobbles and/or boulders, add "with cobbles and/or boulders" to group name.
c. Gravels with 5 to 12 % fines require dual symbols
GW-GM well graded gravel with silt
GW-GC well graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay
d. Sands with 5 % to 12 % fines require dual symbols
SW-SM well graded sand with silt
SW-SC well graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay
e.
$$C_u = D_{60}/D_{10} \qquad C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$$
f. If soil contains ≥ 15 % sand, add "with sand" to group name.
g. If fines classify as CL-ML, use dual symbol GC-GM, SC-SM.
h. If fines are organic, add "with organic fines" to group name.
i. If soil contains ≥ 15 % gravel, add "with gravel" to group name.
j. If Atterberg Limits plot in hatched area, soil is a CL-ML, silty clay.
k. If soil contains 15 to 29 % plus No. 200, add "with sand" or "with gravel" whichever is predominant.
l. If soil contains ≥ 30 % plus No. 200, predominantly sand, add "sandy" to group name.
m. If soil contains ≥ 30 % plus No. 200, predominantly gravel, add "gravelly" to group name.
n. PI ≥ 4 and plots on or above "A" line.
o. PI ≥ 4 or plots below "A" line.
p. PI plots on or above "A" line.
q. PI plots below "A" line.



PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-1 DATE STARTED 5-14-82 DATE COMPLETED 5-17-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 738.9

END OF BORING 718.9

WATER TABLE

AT END OF BORING - 7.0 FEET

24 HOURS

WHILE DRILLING -10.0 FEET

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							1.5	737.4	FILL - Dark brown silty sandy CLAY, trace small gravel, damp (CL)
							4.5	734.4	FILL - Gray silty CLAY, some gravel, moist (CL)
							7.0	731.9	FILL - Brown silty sandy CLAY, trace small gravel, moist (CL)
							9.0	729.9	FILL - Brown coarse SAND and small to large GRAVEL (SW-GW)
							10.0	728.9	FILL - Brown silty CLAY, trace small gravel, moist (CL)
	1								REFUSE - METAL, WOOD, PAPER, GLASS, misc. MATERIAL
	2								

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at -20.0 Feet

NOTES: Bottom of plastic screen: 18.5'
Top of plastic screen: 13.5'
Slotted PVC pipe from 13.5' to 3.5'
Gravel backfill to 6'
Bentonite pellets from 6' to 4'
Backfill above bentonite

TESTING SERVICE CORPORATION

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-2 DATE STARTED 5-17-82 DATE COMPLETED 5-18-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 759.7

END OF BORING 707.2

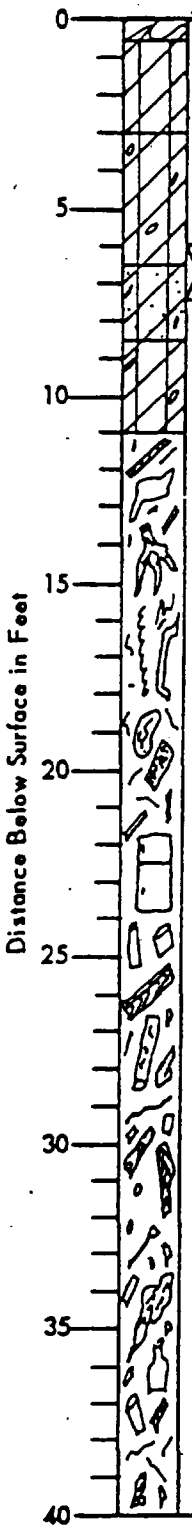
WATER TABLE

AT END OF BORING -41.0 FEET

24 HOURS

WHILE DRILLING -41.0 FEET

SHEET 1 of 2



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.6	759.1	FILL - Black clayey TOPSOIL
							3.0	756.7	FILL - Brown and gray silty CLAY, moist (CL)
									FILL - Gray silty CLAY, some large gravel, moist (CL)
	1 a/b	SS	23				6.5	753.2	FILL - Brown and gray sandy silty CLAY, some large gravel, moi
							8.5	751.2	Sample 1b (CL-ML) $K = 9.5 \times 10^{-8}$ CM/SEC
							11.0	748.7	FILL - Gray sandy silty CLAY, some large gravel, moist (CL)
									REFUSE - WOOD, PLASTIC, METAL, PAPER miscellaneous MATERIAL

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

Boring Log Continued

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-2(cont'd) DATE STARTED 5-17-82 DATE COMPLETED 5-18-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 759.7

END OF BORING 707.2

WATER TABLE

AT END OF BORING =41.0 FEET

24 HOURS

WHILE DRILLING -41.0 FEET

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40										
45										REFUSE - WOOD, PLASTIC, METAL, PAPER, misc. MATERIAL
50										
55										
60										
65										
70										
75										
80										

End of Boring at -52.5 Feet

NOTES: Bottom of plastic screen: 52.5'
Top of plastic screen: 42.5'
Slotted PVC pipe from 42.5' to 12.5'
Gravel backfill from 52.5 to 8'
Bentonite pellets from 8' to 5'
Backfill above bentonite

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-3 DATE STARTED 5-18-82 DATE COMPLETED 5-18-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 732.9

END OF BORING 717.9

WATER TABLE

AT END OF BORING - 5.0 FEET

24 HOURS

WHILE DRILLING - 7.0 FEET

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	732.4	FILL - Black clayey TOPSOIL
							2.5	730.4	FILL - Brown and gray silty CLAY, moist (CL)
									FILL - Brown SAND
							10.0	722.9	REFUSE - WOOD, METAL, PAPER, misc. MATERIAL

End of Boring at -15.0 Feet

NOTES: Bottom of plastic screen: 15'
Top of plastic screen: 5'
Gravel backfill from 15' to 6'
Bentonite pellets from 6' to 4'
Backfill above bentonite

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O.BOX 2339, GLEN ELLYN, ILL.

BORING SV-4 DATE STARTED 5-18-82 DATE COMPLETED 5-19-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 741.4

END OF BORING 701.4

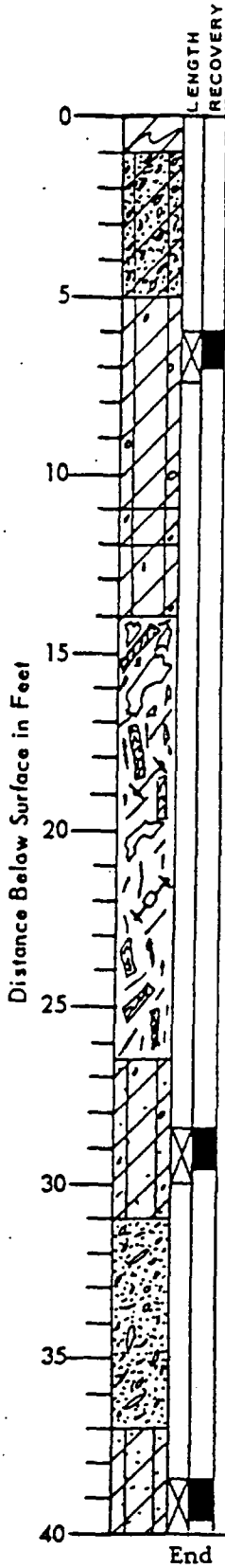
WATER TABLE

AT END OF BORING DRY

24 HOURS

WHILE DRILLING DRY

SHEET 1 of 2



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								1.0	740.4	FILL - Black clayey TOPSOIL
										FILL - Brown SAND with GRAVEL, some silty clay, moist (SM)
								5.0	736.4	
		1	SS	26						FILL - Gray silty CLAY, some gravel, moist (CL)
								11.0	730.4	
								12.0	729.4	FILL - Brown silty CLAY, some gravel moist (CL)
								14.0	727.4	FILL - Gray silty CLAY, some gravel, moist (CL)
										REFUSE - METAL, WOOD, PAPER, misc. MATERIAL
								26.5	714.9	
		2	SS	19						FILL - Brown and gray silty sandy CLAY, some gravel, moist (CL)
								31.0	710.4	
										SAND and GRAVEL (SW-GW)
								37.0	704.4	
										Gray silty CLAY, some sand, moist (CL)
		3	SS	30						

End of Boring at -40.0 Feet

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

SEE SHEET 2 FOR NOTES

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-4 DATE STARTED 5-18-82 DATE COMPLETED 5-19-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 741.4

END OF BORING 701.4

WATER TABLE

AT END OF BORING DRY

24 HOURS

WHILE DRILLING DRY

SHEET 2 of 2

LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS

NOTES: Bore hole was backfilled with clay cuttings from 40' to 27'

Bottom of slotted PVC pipe: 27'
Top of slotted PVC pipe: 7'
Gravel backfill from 27' to 8'
Bentonite pellets from 8' to 6'
Backfill above bentonite

Distance Below Surface in Feet

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-5 DATE STARTED 5-20-82 DATE COMPLETED 5-20-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 727.9

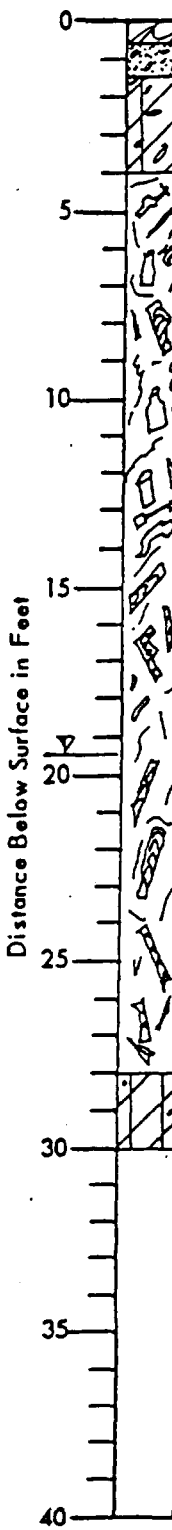
END OF BORING 697.9

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -19.5 FEET



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.7	727.2	FILL - Black clayey TOPSOIL
								1.5	726.4	FILL - Brown SAND and small GRAVEL, moist (SW)
								4.0	723.9	FILL - Gray silty CLAY, some gravel and cobbles, moist (CL)
										REFUSE - PAPER, WOOD, METAL, GLASS, WIRE, misc. MATERIAL
		1	SS	40				28.0	699.9	Gray silty CLAY, trace gravel, moist (CL)

End of Boring at -30.0 Feet

NOTES: Bottom of plastic screen: 28'
Top of plastic screen: 18'
Slotted PVC pipe from 18' to 8'
Gravel backfill from 28' to 4'
Bentonite pellets from 4' to 2.5'

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-6 DATE STARTED 5-19-82 DATE COMPLETED 5-20-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 761.9

END OF BORING 713.9

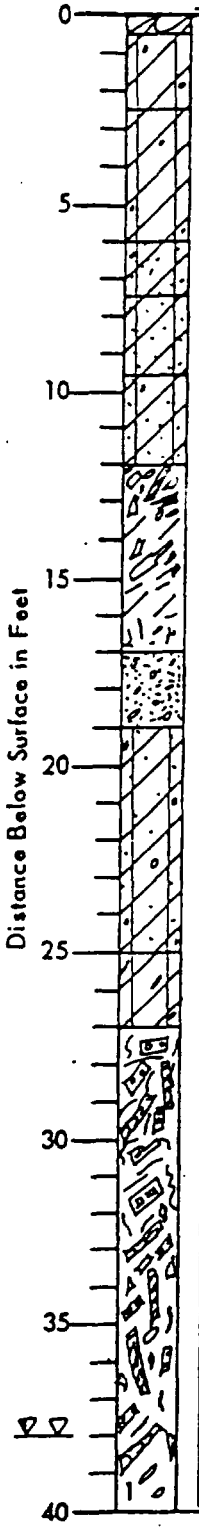
WATER TABLE

AT END OF BORING -38.0 FEET

24 HOURS

WHILE DRILLING -38.0 FEET

SHEET 1 of 2



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	761.4	FILL - Dark brown clayey TOPSOIL
							2.5	759.4	FILL - Brown sandy silty CLAY, some gravel, moist (CL)
									FILL - Gray silty CLAY, some gravel, moist (CL)
							6.0	755.9	FILL - Brown sandy silty CLAY, some gravel, very moist (CL)
							7.5	754.4	FILL - Gray silty CLAY, trace sand, moist (CL)
							9.5	752.4	FILL - Brown sandy silty CLAY, some gravel, moist (CL)
							12.0	749.9	REFUSE - PAPER, METAL, PLASTIC, occasional clay layers
							17.0	744.9	FILL - Brown SAND and GRAVEL (SW-GW)
							19.0	742.9	FILL - Brown sandy silty CLAY, some gravel, very moist (CL)
							25.0	736.9	Gray silty CLAY, a few cobbles (CL
							27.0	734.9	REFUSE - BRICKS, METAL, PAPER, WIRE, WOOD, misc. MATERIALS

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-6 DATE STARTED 5-19-82 DATE COMPLETED 5-20-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 761.9

END OF BORING 713.9

WATER TABLE

AT END OF BORING -38.0 FEET

24 HOURS

WHILE DRILLING -38.0 FEET

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40											REFUSE - BRICKS, METAL, PAPER, WIRE, WOOD, misc. MATERIALS
45											
50			End of Boring at -48.0 Feet								
55			NOTES:		Bottom of plastic screen: 48' Top of plastic screen: 38' Slotted PVC pipe from 38' to 8' Gravel backfill from 48' to 8.5' Bentonite pellets from 8.5' to 5'						
60											
65											
70											
75											
80											

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-7 DATE STARTED 5-20-82 DATE COMPLETED 5-21-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 781.9

END OF BORING 718.9

WATER TABLE

AT END OF BORING -61.0 FEET

24 HOURS

WHILE DRILLING - SEE NOTES

SHEET 1 of 2

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	781.4	FILL - Dark brown clayey TOPSOIL
							2.0	779.9	FILL - Brown SAND and GRAVEL, trace clay (SW)
							4.5	777.4	FILL - Brown and gray silty CLAY, some gravel and cobbles, moist (CL)
									FILL - Gray silty CLAY, some gravel and cobbles (CL)
							9.5	772.4	
									REFUSE - WOOD, CABLE, PAPER mixed with clay
							12.0	769.9	
									FILL - Brown SAND and GRAVEL (SW-GW)
							17.0	764.9	
									FILL - Gray silty CLAY, some gravel occasional gravel layers (CL)
							26.0	755.9	
									FILL - Brown silty CLAY, trace gravel (CL)
	1	SS	43						

Boring Log Continued

TESTING SERVICE CORPORATION

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-7 DATE STARTED 5-20-82 DATE COMPLETED 5-21-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 781.9

END OF BORING 718.9

WATER TABLE

AT END OF BORING -61.0 FEET

24 HOURS

WHILE DRILLING - SEE NOTES

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	%DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40								41.0	740.9	FILL - Brown silty CLAY, trace gravel (CL)
45		2	SS	30				46.0	735.9	FILL - Gray silty CLAY, a few pieces of wood (CL)
50										REFUSE - WOOD, METAL, PAPER, misc. MATERIALS
55										
60										
65										
70										
75										
80										

End of Boring at -63.0 Feet

NOTES: Wet cuttings augered up after drilling to a depth of 50' but no water inside hollow-stem auger during drilling

Bottom of plastic screen: 63'
Top of plastic screen: 53'
Slotted PVC pipe from 53' to 43'
Gravel backfill from 63' to 40'
Clay cuttings used for backfill from 40' to 9'
Bentonite pellets from 9' to 6'
Clay backfill above bentonite

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING SV-8 DATE STARTED 5-25-82 DATE COMPLETED 5-25-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 722.8

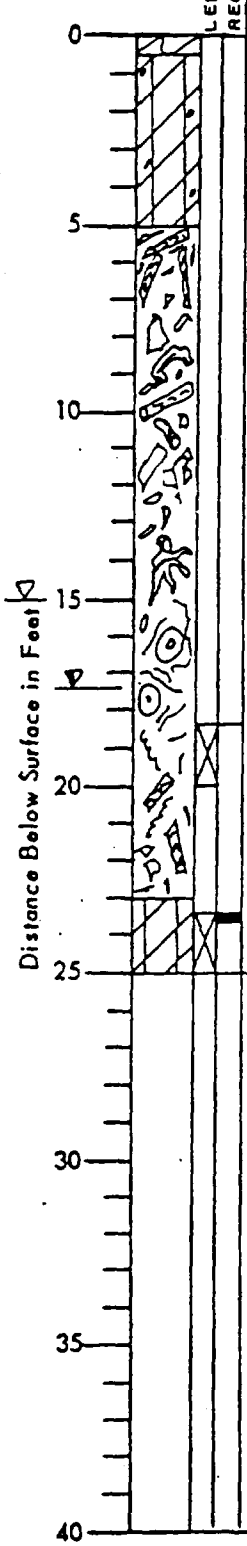
END OF BORING 697.8

WATER TABLE

AT END OF BORING -15.0 FEET

24 HOURS

WHILE DRILLING -17.5 FEET



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.5	722.3	FILL - Dark brown TOPSOIL
										FILL - Gray silty CLAY, some gravel (CL)
								5.0	717.8	
										REFUSE - PAPER, PLASTIC, METAL, WOOD, misc. MATERIALS
		1	SS	42						
								23.0	699.8	Gray silty CLAY, moist (CL)
		2	SS	22						

End of Boring at -25.0 Feet

NOTES: Bottom of plastic screen: 23'
Top of plastic screen: 13'
Slotted PVC pipe from 13' to 3'
Gravel backfill from 23' to 5'
Bentonite pellets from 5' to 3'

TESTING SERVICE CORPORATION

DRILL RIG NO. 60(ATV)

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O.BOX 2339, GLEN ELLYN, ILLINOIS

BORING SV-9 DATE STARTED 5-27-82 DATE COMPLETED 5-28-82 JOB L-18,766

ELEVATIONS

GROUND SURFACE 748.2

END OF BORING 698.2

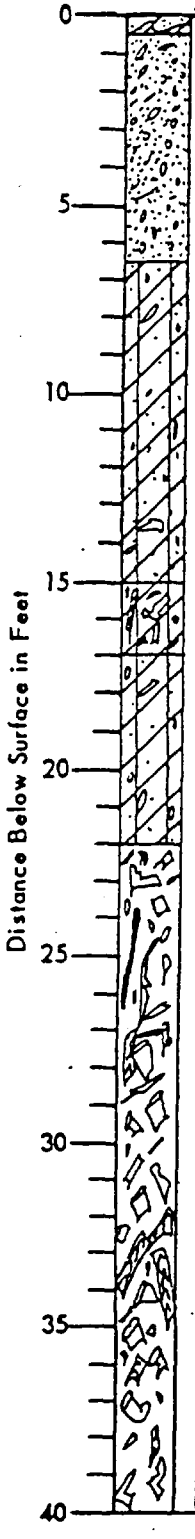
WATER TABLE

AT END OF BORING 40.5'

24 HOURS

WHILE DRILLING 44.0'

SHEET 1 of 2



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	747.7	FILL-Dark brown clayey sandy TOPSOIL
									Brown SAND & small to medium GRAVEL (SW-GW)
							6.5	741.7	
									FILL - Gray silty CLAY, trace sand & gravel, occasional cobbles (CL)
							15.0	733.2	
									REFUSE-PAPER, METAL, WOOD & MISC. MATERIAL, mixed with silty clay
							17.0	731.2	
									FILL - Gray silty CLAY, trace sand & gravel, occasional cobbles (CL)
							22.0	726.2	
									REFUSE-PAPER, WOOD, METAL & MISC. MATERIAL

DRILL RIG NO. 60 (ATV)

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O.BOX 2339, GLEN ELLYN, ILLINOIS

BORING SV-9 DATE STARTED 5-27-82 DATE COMPLETED 5-28-82 JOB L-18,766

ELEVATIONS

GROUND SURFACE 748.2

END OF BORING 698.2

WATER TABLE

AT END OF BORING 40.5'

24 HOURS

WHILE DRILLING 44.0'

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40										REFUSE-PAPER, WOOD, METAL & MISC. MATERIAL
45								47.0	701.2	Firm brown clayey sandy SILT, trace gravel, wet (ML)
50		1	SS	19						
										END OF BORING AT 50.0'
55										
60										
65										
70										
75										
80										

NOTES:
Bottom of plastic screen: 48'
Top of plastic screen : 38'
Slotted PCV pipe from 38' to 18'
Gravel backfill from 48' to 10'
Bentonite pellets from 10' to 7'

TESTING SERVICE CORPORATION

DRILL RIG NO. 60 (ATV)

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILLINOIS

BORING SV-10 DATE STARTED 5-25-82 DATE COMPLETED 5-27-82 JOB L-18,766

ELEVATIONS

GROUND SURFACE 753.0

END OF BORING 688.0

WATER TABLE

AT END OF BORING 56.5'

24 HOURS

WHILE DRILLING 59'

SHEET 1 of 2

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							2.0	751.0	FILL-Dark brown & gray silty CLAY (CL)
							21.0	732.0	FILL - Gray silty CLAY, some gravel, damp (CL)
									REFUSE - PAPER, METAL, WOOD, MISC. MATERIAL

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

60 (ATV)

BORING LOG CONTINUED

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILLINOIS

BORING SV-10 DATE STARTED 5-25-82 DATE COMPLETED 5-27-82 JOB L-18,766

ELEVATIONS

GROUND SURFACE 753.0

END OF BORING 688.0

WATER TABLE

AT END OF BORING 56.5'

24 HOURS

WHILE DRILLING 59'

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	∅ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40										
45										
50										REFUSE - PAPER, METAL, WOOD, MISC. MATERIAL
55										
60								62.0	691.0	
		1	SS	25						Firm gray SILT, trace fine sand, wet
65										END OF BORING AT 65.0'
70										
75										
80										

NOTES: Bottom of plastic screen: 63'
Top of plastic screen: 53'
Slotted PVC pipe from 53' to 13'
Gravel backfill from 63' to 10'
Bentonite pellets from 10' to 7'

TESTING SERVICE CORPORATION

DRILL RIG NO. 60 (ATV)

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-11 DATE STARTED 6-6-84 DATE COMPLETED 6-8-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 808.9

END OF BORING 713.9

LOCATION: 4 + 79 N
12 + 92 W

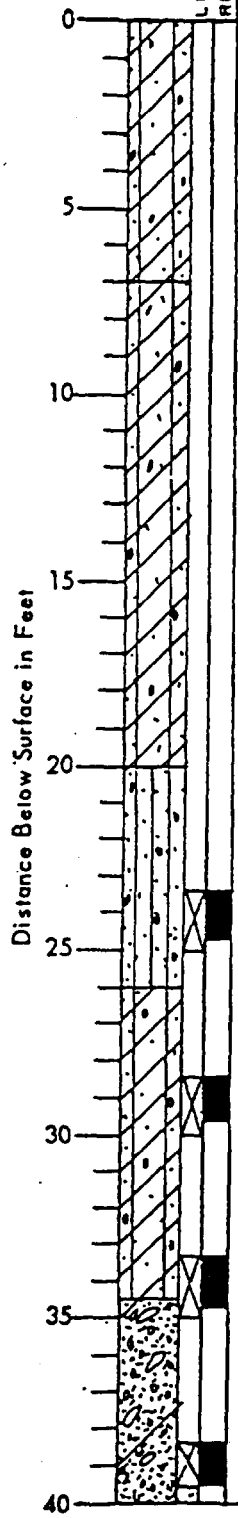
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -84.0 Feet

SHEET 1 OF 3



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL: Brown silty CLAY, some gravel, little sand (CL)
							7.0	801.9	
									FILL: Gray silty CLAY, little gravel, trace sand, a few cobbles (CL)
							20.0	788.9	
									FILL: Gray SILT, little sand, trace gravel (ML)
	1	SS	12						
							26.0	782.9	
	2	SS	31	12.6					FILL: Grayish-brown very silty CLAY, trace sand and gravel (CL-ML)
	3 A/B	SS	56	13.3 –					
							34.5	774.4	
									FILL: Brown fine to coarse SAND and small to large GRAVEL, a few cobbles, trace clay above 37' (SW-GW)
	4	SS	37/6"						

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-11 cont. DATE STARTED 6-6-84 DATE COMPLETED 6-8-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 808.9

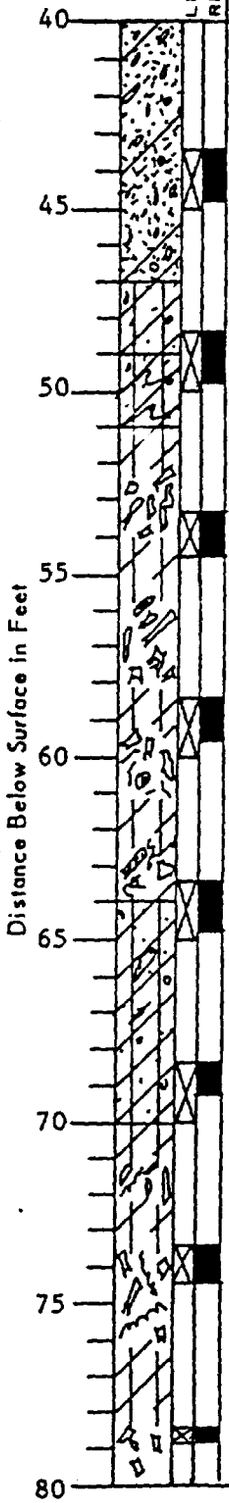
END OF BORING 713.9

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -84.0 Feet



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
	5	SS	46						FILL: Brown fine to coarse SAND and small to large GRAVEL, a few cobbles, trace clay above 37' (SW-GW)
							47.0	761.9	
	6 A B	SS	18	11.5 17.4			49.0	759.9	FILL: Brown very silty CLAY, trace sand and gravel (CL-ML)
							51.0	757.9	FILL: Dark brown and gray silty CLAY, trace sand, gravel and organic (CL)
	7	SS	43/6"						
	8	SS	38						REFUSE with occasional silty clay layers
	9 A B	SS	52				64.0	744.9	
									FILL: Brown and gray silty CLAY, trace sand and gravel, trace refuse (CL)
	10	SS	42						
							70.0	738.9	
	11	SS	38/6"						REFUSE with occasional silty clay layers
	12	SS							

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-11 cont. DATE STARTED 6-6-84 DATE COMPLETED 6-8-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 808.9

END OF BORING 713.9

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -84.0 Feet

SHEET 3 OF 3

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
80										
85		13	SS	41						REFUSE with occasional silty clay layers
90		14	SS	107/6"						
95		15	SS	49						
100										
105										
110										
115										
120										

End of Boring at - 95.0 Feet

NOTES:

1. Bore hole made with hollowstem auger.
2. Bottom of 10' PVC screen at 95'.
3. Slotted PVC from 85' to 45'.
4. Gravel pack from bottom of screen to 34'.
5. Bentonite pellets from 34' to 29'.
6. Clay cuttings above 29'.
7. Steel protective pipe concreted into place over PVC casing.

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-12 DATE STARTED 6-11-84 DATE COMPLETED 6-12-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 827.7

END OF BORING 737.7

LOCATION: 2 + 20 N
11 _ 82 W

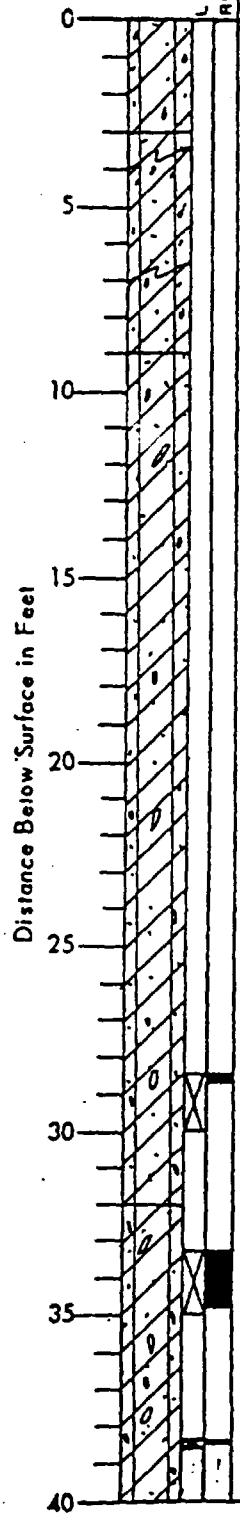
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -78.0 Feet

SHEET 1 OF 3



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL: Brown silty CLAY, some gravel, trace sand (CL)
							3.0	824.7	
									FILL: Black silty CLAY, trace sand, gravel and organic
							9.0	818.7	
									FILL: Gray silty CLAY, trace sand and gravel, occasional cobbles (CL)
	1	SS	50						
							32.0	795.7	
	2	SS	63	8.7					FILL: Gray, brown and dark brown silty to very silty CLAY, trace sand and gravel, occasional cobbles (CL, Cl-ML)
	3	SS	75/2"	9.8					

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST., OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-12 cont. DATE STARTED 6-11-84 DATE COMPLETED 6-12-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 827.7

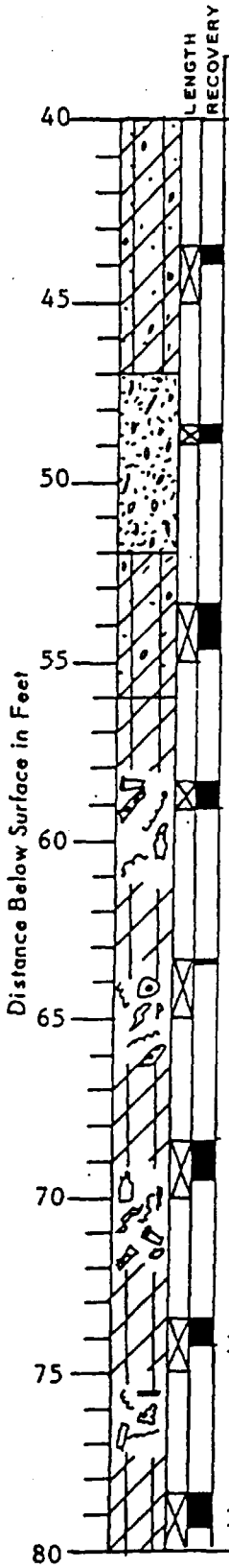
END OF BORING 737.7

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -78.0 Feet



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
		4	SS	74						FILL: Gray, brown and dark brown silty to very silty CLAY, trace sand and gravel, occasional cobbles (CL, CL-ML)
								47.0	780.7	
		5	SS	70/6"						FILL: Brown fine to coarse SAND and small to large GRAVEL, a few cobbles (SW-GW)
								52.0	775.7	
		6	SS	23	16.0					FILL: Gray silty CLAY, trace sand and gravel (CL)
								56.0	771.7	
		7	SS	67/6"						
		8	SS	28						REFUSE with occasional silty clay layers
		9	SS	67						
		10	SS	79						
		11	SS	33						

TESTING SERVICE CORPORATION

DRILL RIG NO. 79

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST., OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING SV-12 cont. DATE STARTED 6-11-84 DATE COMPLETED 6-12-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 827.7

END OF BORING 737.7

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -78.0 Feet

SHEET 3 OF 3

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
80										
85		12	SS	25 50 / 6" 0"						REFUSE with occasional silty clay layers
		13	SS	59						
90										
			End of Boring at - 90.0 Feet							
95										
100										
105										
110										
115										
120										

NOTES:

1. Bore hole made with hollowstem auger.
2. Bottom of 10' PVC screen at 87'.
3. Slotted PVC from 77' to 47'.
4. Gravel pack from bottom of screen to 45'.
5. Bentonite pellets from 45' to 40'.
6. Clay cuttings above 40'.
7. Steel protective casing concreted into place over PVC casing.

TESTING SERVICE CORPORATION

DRILL RIG NO. 79

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-1 DATE STARTED 5-04-82 DATE COMPLETED 5-10-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 843.9

END OF BORING 718.9

WATER TABLE

AT END OF BORING -122 FEET

5-14-82 -109 FEET

WHILE DRILLING -103*FEET

SHEET 1 of 4

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0										FILL - Dark brown clayey TOPSOIL and silty CLAY with considerable sand and gravel, damp (CL)
								3.5	840.4	
5										FILL - Gray clayey SILT, some sand and gravel, damp (ML)
								8.0	835.9	
10										FILL - Brown silty SAND and GRAVEL, occasional cobbles, damp (SM)
								12.5	831.4	
15										FILL - Gray and brown silty to very silty CLAY, some sand and gravel, moist; occasional cobbles and gravelly zones (CL, CL-ML)
20										
25										
30										
35										
40										

Boring Log Continued

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-1(cont'd) DATE STARTED 5-04-82 DATE COMPLETED 5-10-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 843.9

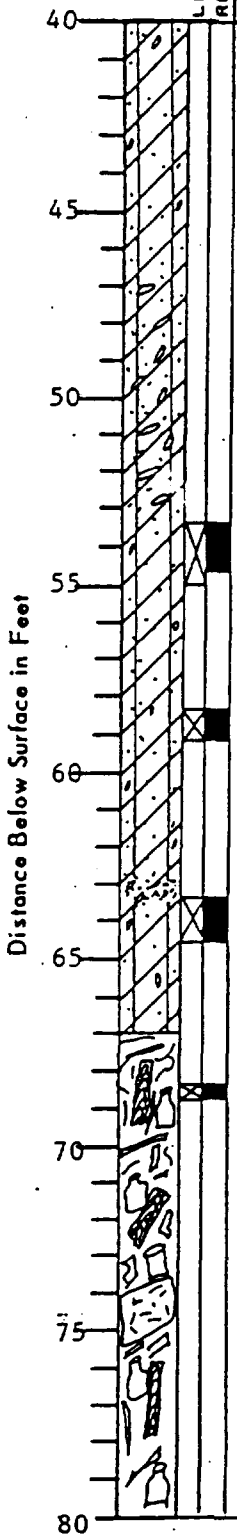
END OF BORING 718.9

WATER TABLE

AT END OF BORING -122 FEET

5-14-82 -109 FEET

WHILE DRILLING -103*FEET



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
		1	SS	65	11.5	--	128.0			FILL - Gray and brown silty to very silty CLAY, some sand and gravel, moist; occasional cobbles and gravelly zones: considerable cobbles from 47'-53'; clayey sand and gravel layers below 63½' (CL-ML)
		2	SS	50/3"						Sample 1 K = 1.2×10^{-8} CM/SEC
		3	SS	77/10"						
								67.0	776.9	
		4	SS	100/5"						REFUSE: PAPER, CLOTH, WOOD, GLASS, METAL SCRAP, MISC. MATERIAL

NOTES: Strong gas odor first noted after drilling to a depth of 67'
Hard obstacle encountered from 74'-75'

Boring Log Continued

TESTING SERVICE CORPORATION

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-1(cont'd) DATE STARTED 5-04-82 DATE COMPLETED 5-10-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 843.9

END OF BORING 718.9

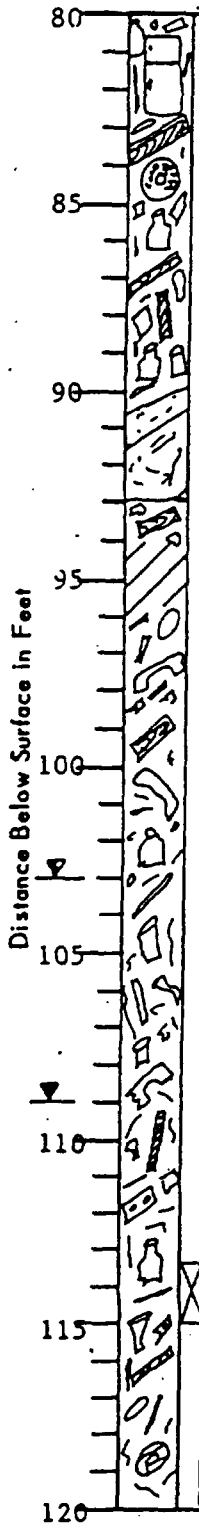
WATER TABLE

AT END OF BORING -122 FEET

5-14-82 -109 FEET

WHILE DRILLING -103*FEET

SHEET 3 of 4



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
	5	SS	70						

REFUSE: PAPER, CLOTH, WOOD, GLASS, METAL SCRAP, MISC. MATERIAL

NOTES: Hard obtacles encountered from 90½'-93'

Clay layers encountered below 95'

Boring Log Continued

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-1(cont'd) DATE STARTED 5-04-82 DATE COMPLETED 5-10-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 843.9

END OF BORING 718.9

WATER TABLE

AT END OF BORING -122 FEET

5-14-82 -109 FEET

WHILE DRILLING -103*FEET

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
120			6	SS	193/8"						REFUSE: PAPER, CLOTH, WOOD, GLASS, METAL SCRAPS, MISC. MATERIAL occasional clay layers NOTE: A very hard object which could not be penetrated was encountered at -125'
125											

End of Boring at -125.0 Feet

*The bore hole was dry during drilling to -115' at the end of work on 5-06-82. The following morning(5-07-82) the liquid level as measured inside the H.S. auger was at -103' below grade.

NOTES: Bottom of slotted PVC pipe: 125'
Top of slotted PVC pipe: 65'
Gravel backfill from 125' to 65'
Bentonite pellets from 50' to 48'
Clay backfill above bentonite

The bore hole was made using hollow-stem auger with a center plug.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-2 DATE STARTED 5-10-82 DATE COMPLETED 5-10-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 754.0

END OF BORING 729.0

WATER TABLE

AT END OF BORING BACKFLUSHED

24 HOURS - 2.5 FEET

WHILE DRILLING -13.0 FEET

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0										
5										FILL - Brown and gray very silty CLAY with sand and gravel, moist (CL-ML)
10										
								13.0	741.0	
15										Gray SAND and GRAVEL, saturated (SW-GW)
								16.0	738.0	
20		1	SS	98						Very dense brown and gray silty SAND and GRAVEL, wet (SM)
25		2	SS	91						
30										
35										
40										

End of Boring at -25.0 Feet

NOTES: Bottom of plastic screen: 24'
Top of plastic screen: 19'
Gravel backfill from 24' to 7'
Bentonite pellets from 7' to 5'
Backfill above bentonite

Due to the mud slurry created during drilling, this well was backflushed with clear water.

The bore hole was made using hollow-stem auger with a center plug.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-3 DATE STARTED 5-13-82 DATE COMPLETED 5-13-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 748.6

END OF BORING 704.6

WATER TABLE

AT END OF BORING BACKFLUSHED

24 HOURS -19.5 FEET

WHILE DRILLING -16.0 FEET

SHEET 1 of 2

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	▽ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							1.0	747.6	FILL - Dark brown to brown sandy silty CLAY, moist (CL)
									FILL - Brown small to large GRAVEL, trace sand, damp (GW)
							7.0	741.6	FILL - Brown silty sandy GRAVEL, moist (GM)
							9.0	739.6	FILL - Brown clayey SAND and GRAVEL, little silt, moist (SC)
							10.0	738.6	
							11.5	737.1	FILL - Dark brown silty CLAY, little sand and gravel, trace glass, moist; slight odor noted (CL)
									REFUSE: PAPER, CLOTH RAGS, PLASTIC WRAP, GLASS, METAL SCRAP, MISC. MATERIALS; extremely strong and foul odor noted layer of wet sludge or sludge-like material at 21'

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

Boring Log Continued

TESTING SERVICE CORPORATION

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-3(cont'd) DATE STARTED 5-13-82 DATE COMPLETED 5-13-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 748.6

END OF BORING 704.6

WATER TABLE

AT END OF BORING BACKFLUSHED

24 HOURS -19.5 FEET

WHILE DRILLING -16.0 FEET

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40								41.0	707.6	REFUSE
		1a	SS	32	15.1		120.0	43.0	705.6	Stiff brown silty CLAY, moist (CL); laminations appeared to be stained by leachate(Sample 1a); 2" sand and gravel seam at 42'10" also appeared to be stained by leachate (Sample 1b)
		1b			13.9		120.0	43.7	704.9	
45										Very tough brown very silty CLAY, some sand, trace gravel, moist (CL-ML) Sample 1c $K = 5.2 \times 10^{-8}$ CM/SEC
50										Very tough gray silty CLAY, little sand and gravel, moist (CL) Sample 1d $K = 9.3 \times 10^{-8}$ CM/SEC
55										
60										
65										
70										
75										
80										

End of Boring at -44.0 Feet

NOTES: Bottom of slotted PVC pipe: 42.5'
Top of slotted PVC pipe: 12.5'
Gravel backfill from 42.5' to 11'
Bentonite pellets from 11' to 9'
Backfill above bentonite

The well was backflushed with clear water

The bore hole was made using hollow-stem auger with a center plug

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-4 DATE STARTED 5-14-82 DATE COMPLETED 5-14-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 723.0

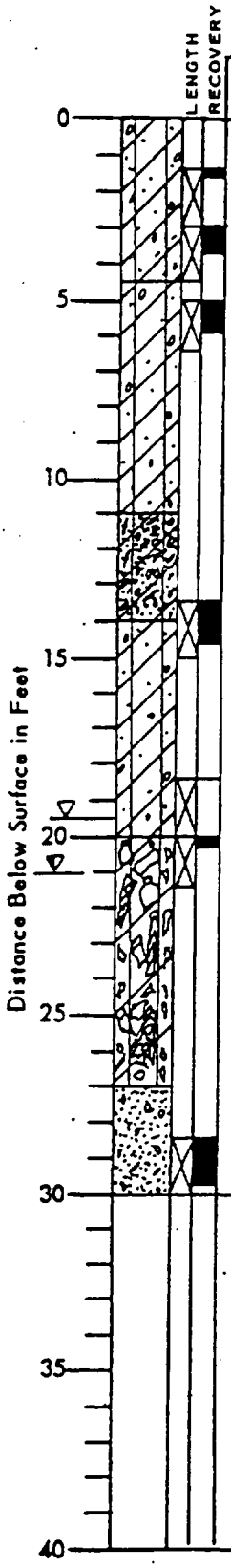
END OF BORING 693.0

WATER TABLE

AT END OF BORING -19.5 FEET

24 HOURS

WHILE DRILLING -21.0 FEET



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
		1	SS	74*						FILL - Dark brown and gray silty CLAY with sand and gravel, damp to moist (CL)
		2	SS	40						
								4.5	718.5	
		3	SS	28						FILL - Gray silty CLAY with sand and gravel, moist (CL)
								11.0	712.0	
										FILL - Brown-gray SAND and GRAVEL, little silt and clay, wet (SM)
		4a b	SS	45				14.0	709.0	
										FILL - Dark brown silty CLAY, some sand and gravel, moist (CL)
										Sample 4b $K = 8.9 \times 10^{-9}$ CM/SEC
		5	SS	23*						
								20.0	703.0	
		6	SS	30						REFUSE - PAPER, WOOD, CLOTH, METAL SCRAPS, GLASS and MISC. MATERIALS mixed with silty CLAYS
								27.0	696.0	
		7	SS	27						Firm dark gray-black fine to coarse SAND, some small gravel, saturated; material appeared to be stained by leachate.

*Driving on piece of Gravel

End of Boring at -30.0 Feet.

NOTES: Bottom of slotted PVC pipe: 27.5'
Top of slotted PVC pipe: 17.5'
Gravel backfill from 27.5' to 10'
Bentonite pellets from 10' to 8'
Backfill above bentonite

NOTE: Upon penetrating this material, water rose quickly up H.S. auger to 15'. 5' of granular material "blew-up" inside H.S. auger.

The bore hole was made using hollow-stem auger with a center plug.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-5 DATE STARTED 5-24-82 DATE COMPLETED 5-24-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 720.9

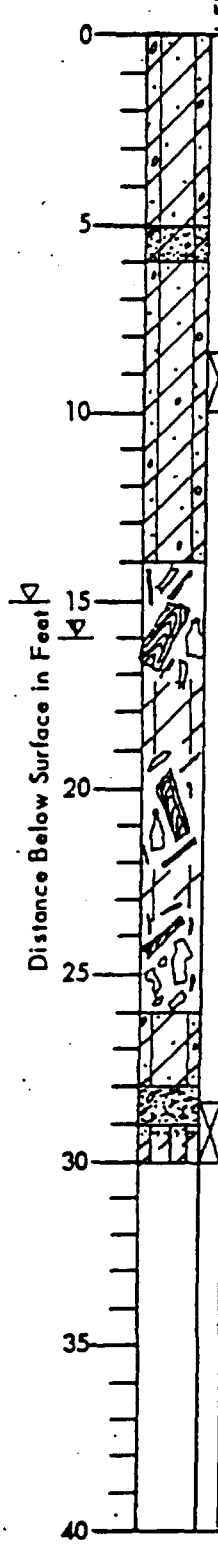
END OF BORING 690.9

WATER TABLE

AT END OF BORING -15.0 FEET

24 HOURS

WHILE DRILLING -16.0 FEET



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL - Brown silty CLAY, little sand and gravel, moist (CL)
							5.0	715.9	
							6.0	714.9	FILL - Gray clayey SAND, little silt trace gravel, very moist (SC)
	1	SS	23						FILL - Gray silty CLAY, some sand and gravel, moist (CL) Sample 1 $K = 9.9 \times 10^{-9}$ CM/SEC
							14.0	706.9	
									REFUSE - PAPER, CLOTH, WOOD, METAL SCRAPS, GLASS and MISC. MATERIALS, occasional layers of silty clay
							26.0	694.9	
							28.0	692.0	Gray silty CLAY, little sand and gravel, moist (CL)
	2a b						29.0	691.9	Firm dark gray SAND and GRAVEL, saturated; material appeared to be stained by leachate, slight odor noted (SW-GW)
									Thin layers of gray SILT(ML), clayey SILT(ML) and silty CLAY(CL); occasional sand laminations, moist

End of Boring at -30.0 Feet

NOTES: Bottom of plastic screens: 28.5'
Top of plastic screen: 18.5'
Slotted PVC pipe from 18.5'-8.5'
Gravel backfill from 28.5' to 9'
Bentonite pellets from 9' to 7'
Backfill above bentonite

The bore hole was made using hollow-stem auger with a center plug.

TESTING SERVICE CORPORATION

DRILL RIG NO. 60(ATV)

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-6 DATE STARTED 5-11-82 DATE COMPLETED 5-12-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 778.0

END OF BORING 700.0

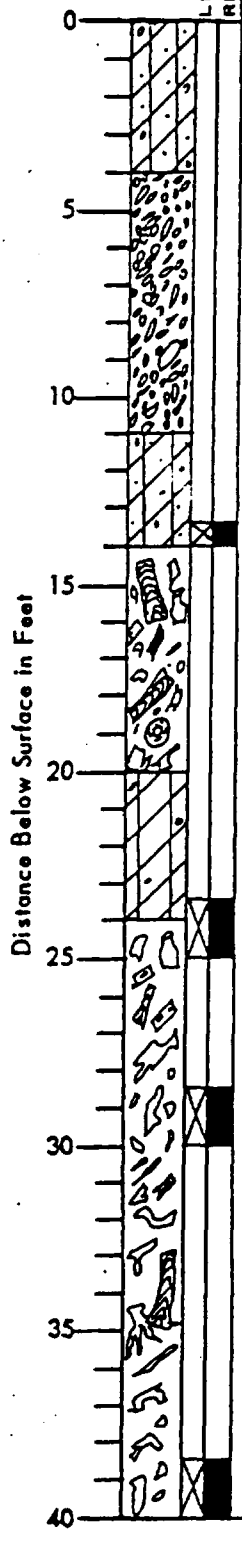
WATER TABLE

AT END OF BORING

5-14-82 -52.25 FEET

WHILE DRILLING -55.50 FEET

SHEET 1 of 3



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL - Brown and gray silty CLAY, some sand and gravel, damp (CL)
							4.0	774.0	
									FILL - Brown small to large GRAVEL, damp (GW)
							11.0	767.0	
									FILL - Gray silty CLAY, little small gravel, trace sand, moist (CL)
	1	SS	50/0"				14.0	764.0	
									REFUSE - WOOD, METAL, GLASS, PAPER, misc. MATERIAL
							20.0	758.0	
									FILL - Gray silty CLAY, some grave moist (CL)
	2	SS	62				24.0	754.0	
									REFUSE - PAPER, GLASS, METAL, PLASTI misc. MATERIAL
	3	SS	64						
	4	SS	23						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

Boring Log Continued

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-6(cont'd) DATE STARTED 5-11-82 DATE COMPLETED 5-12-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 778.0

END OF BORING 700.0

WATER TABLE

AT END OF BORING

5-14-82 -52.25 FEET

WHILE DRILLING -55.50 FEET

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40										
45										
50		5	SS	48						REFUSE - PAPER, GLASS, METAL, PLASTIC, misc. MATERIALS; clay layers between 61'-64'
55										
60		6	SS	90/9"						
65		7	SS	89						
70										
75		8	SS	58				74.5	703.5	Gray silty CLAY, trace small gravel. moist (CL)
								75.0	703.0	Dense brown medium to coarse SAND and small to medium GRAVEL, saturated; 2" black sand seam which appeared to be stained by leachate was encountered at 77'10"(Sample 10:
		9	SS	100/5"						
		10a b	SS	85						
80										

End of Boring at -78.0 Feet

See SHEET 3 for NOTES

Boring Log Continued

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING DV-6(cont'd) DATE STARTED 5-11-82 DATE COMPLETED 5-12-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 778.0

END OF BORING 700.0

WATER TABLE

AT END OF BORING

5-14-82 -52.25 FEET

WHILE DRILLING -55.50 FEET

LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
										NOTES:
										The granular material encountered at the bottom of the boring was sealed with bentonite pellets from 78' to 74'.
										Bottom of slotted PVC pipe: 74' Top of slotted PVC pipe: 14' Gravel backfill from 74' to 10' Bentonite pellets from 10' to 7' Backfill above bentonite
										The bore hole was made using hollow-stem auger with a center plug.

Distance Below Surface in Feet

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-7 DATE STARTED 4-19-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 834.0

END OF BORING 703.5

LOCATION: 357.5 N
1300.6 W

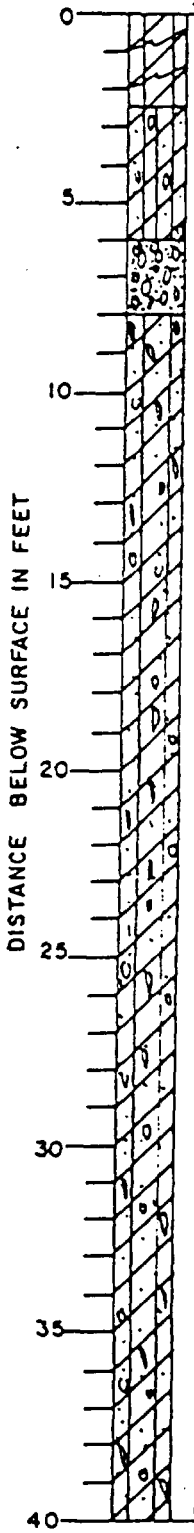
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING DRY

SHEET 1 OF 4



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							2.5	831.5	FILL: Brown silty CLAY mixed with black clayey TOPSOIL moist (CL)
							6.0	828.0	FILL: Gray very clayey SILT, little sand and gravel, moist (ML-CL)
							8.0	826.0	FILL: Brown SAND and GRAVEL, dry (SP)
									FILL: Gray and brown very silty CLAY, some sand, gravel and cobbles

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-7 DATE STARTED 4-19-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 834.0

END OF BORING 703.5

LOCATION: 357.5 N
1300.6 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: DRY

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	γ_d DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40										
45										
50										FILL: Gray and brown very silty CLAY, some sand, gravel and cobbles
55										
60								61.0	773.0	
65										REFUSE
70										
75										
80										

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-7 DATE STARTED 4-19-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 834.0

END OF BORING 703.5

LOCATION: 357.5 N
1300.6 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING DRY

SHEET 3 OF 4

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									REFUSE

DISTANCE BELOW SURFACE IN FEET

80 85 90 95 100 105 110 115 120

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-7 DATE STARTED 4-19-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 834.0

END OF BORING 703.5

LOCATION: 357.5 N
1300.6 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING DRY

SHEET 4 OF 4

DISTANCE BELOW SURFACE IN FEET	LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
120											
											REFUSE
125											
			36	SS	86	15.3					Hard gray silty CLAY, little sand and gravel, moist (CL)
130											
											End of Boring at -130.5 Feet
135											DEEP VENT INSTALLATION NOTES:
											PVC Screen: -130' to -95'
											Perforated PVC: -95' to -55'
											PVC Solid: -55' to + 2 1/2'
140											Gravel Pack: -130' to -57'
											Bentonite Seal: -57' to -55'
											Natural Backfill: -55' to -4'
											Concrete Protector: -4' to +2 1/2'
145											
150											
155											
160											

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-8 DATE STARTED 4-23-85 DATE COMPLETED 4-23-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 731.7

END OF BORING 701.7

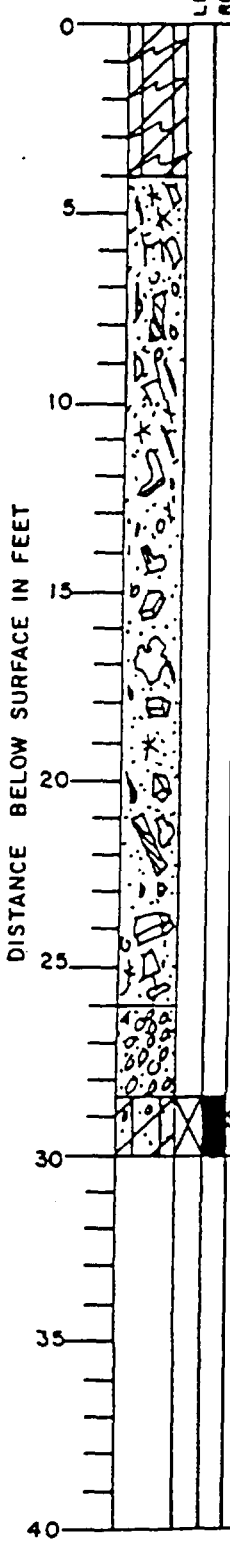
LOCATION: 1145.7 N
878.4 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										Brown silty CLAY mixed with black clayey TOPSOIL
								4.0	727.7	
										REFUSE
								26.0	705.7	
										Brown medium GRAVEL, little sand, saturated
								28.5	703.2	
		S-1	SS	40	14.6					Very tough gray silty CLAY, little sand and gravel, moist ((

End of Boring at -30.0 Feet

DEEP VENT INSTALLATION NOTES:

PVC Screen: -26' to -11'

Perforated PVC: -11' to -1'

PVC Solid: -1' to +3'

Gravel Pack: -26' to -4'

Concrete Protector Pipe: -4' to 0'

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL

BORING DV-9 DATE STARTED 4-23-85 DATE COMPLETED 4-23-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 731.1

END OF BORING 706.1

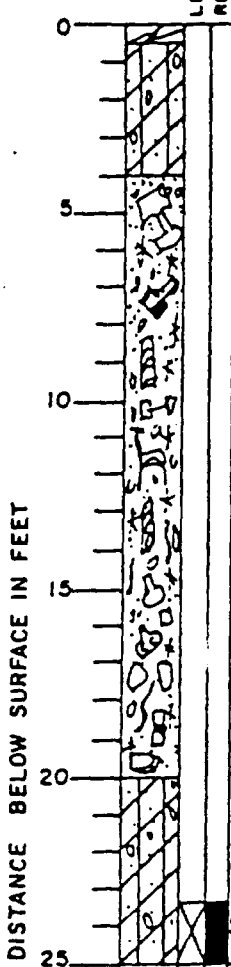
LOCATION: 1344.7 N
912.6 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	730.6	Black clayey TOPSOIL
									Brown silty CLAY, trace sand and gravel, moist
							4.0	727.1	
									REFUSE
							20.0	711.1	
									Very tough gray silty CLAY, little sand and gravel, moist (CL)
	S-1	SS	31	14.0					

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at -25.0 Feet

DEEP VENT INSTALLATION NOTES

PVC Screen: -21' to -11'

Perforated PVC: -11' to -1'

PVC Solid: -1' to +3'

Gravel Pack: -21' to -3'

Concrete Steel Protector: - 3' to +2 1/2'

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-10 DATE STARTED 4-23-85 DATE COMPLETED 4-23-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 766.6

END OF BORING 691.6

LOCATION: 692.5 N
1288.4 W

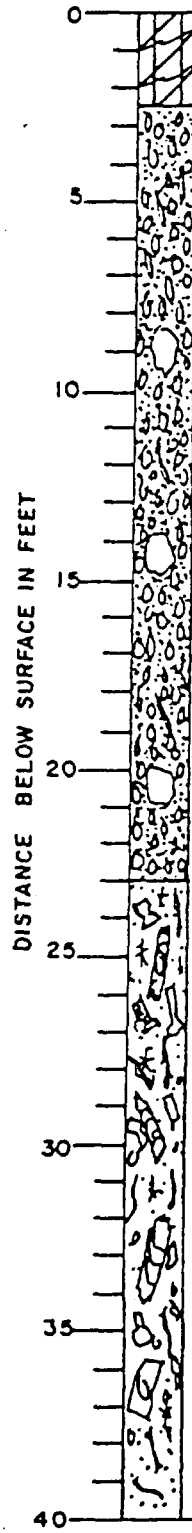
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING

SHEET 1 OF 3



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								2.5	764.1	FILL: Gray and brown silty CLAY mixed with black clayey TOPSOIL (CL)
								23.0	743.6	FILL: Brown silty SAND and GRAVEL, occasional cobbles and boulders, damp (SM)
										REFUSE: PAPER, WOOD, METAL, GLASS, etc.

DISTANCE BELOW SURFACE IN FEET

0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-10 DATE STARTED 4-23-85 DATE COMPLETED 4-23-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 766.6

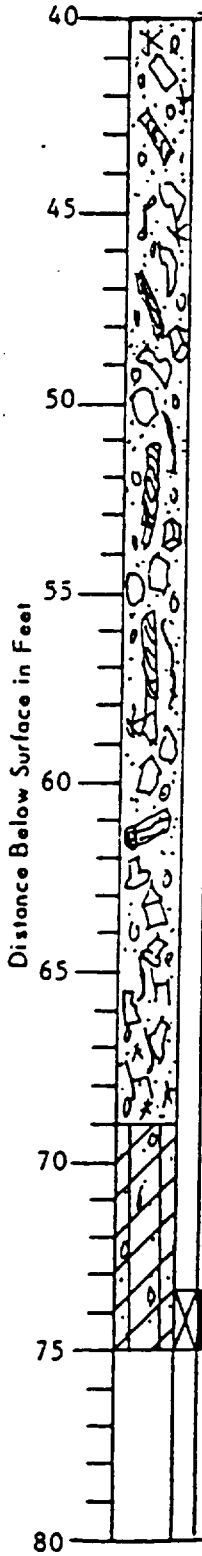
END OF BORING 691.6

LOCATION: 692.5 N
1288.4 W

WATER TABLE

AT END OF BORING

24 HOURS



LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
										REFUSE: PAPER, WOOD, METAL, GLASS, etc.
								69.0	697.6	Gray very silty CLAY, trace sand and gravel, moist (CL)
		S-2	SS	44	10.7					
		End of Boring at -75.0 Feet								

Distance Below Surface in Feet: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-10 DATE STARTED 4-23-85 DATE COMPLETED 4-23-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 766.6

END OF BORING 691.6

LOCATION: 692.5 N
1288.4 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING

SHEET 3 OF 3

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

DEEP VENT INSTALLATION NOTES:

PVC Screen: -71' to -46'

Perforated PVC: -46' to -21'

PVC Solid: -21' to +2 1/2'

Gravel Pack: -71' to -21'

Bentonite Seal: -21' to -19'

Natural Backfill: -19' to -4'

Concrete Protector Pipe: -4' to +2 1/2'

TESTING SERVICE CORPORATION

DRILL RIG NO. _____

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL

BORING DV-11 (P-3) DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 755.0

END OF BORING 705.0

LOCATION: 327.2 N
284.1 W

WATER TABLE

AT END OF BORING

24 HOURS -2'3" (4-24-85)

WHILE DRILLING -13.5 Feet

SHEET 1 OF 2

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
0–12.0										FILL: Brown and gray very silty CLAY, some sand and gravel, moist (CL-ML)
								12.0	743.0	
12.0–16.0										FILL: Gray SAND and GRAVEL, saturated (SP)
								16.0	739.0	
16.0–27.0										FILL: Brown and gray silty SAND and GRAVEL, saturated (SM)
								27.0	728.0	
27.0–40										REFUSE

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-11 (P-3) DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 755.0

END OF BORING 705.0

LOCATION: 327.2 N
284.1 W

WATER TABLE

AT END OF BORING

24 HOURS -2'3" (4-24-85)

WHILE DRILLING -13.5 Feet

SHEET 2 OF 2

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									REFUSE
							46.0	709.0	
	1	SS	25	15.8					Very tough gray very silty CLAY, little sand, moist (CL-ML)

End of Boring at -50.0 Feet

VENT INSTALLATION NOTES:

PVC Screen: -36.5' to -16.5'

PVC Solid: -16.5' to +30'

Gravel Pack: -36.5' to -15'

Bentonite Seal: -15' to -12'

Natural Backfill: -12' to - 4'

Concrete Protector: -4 to 0'

DISTANCE BELOW SURFACE IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN CLLYN, IL.

BORING DV-12 (P-14) DATE STARTED 4-24-85 DATE COMPLETED 4-24-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 728.9

END OF BORING 688.9

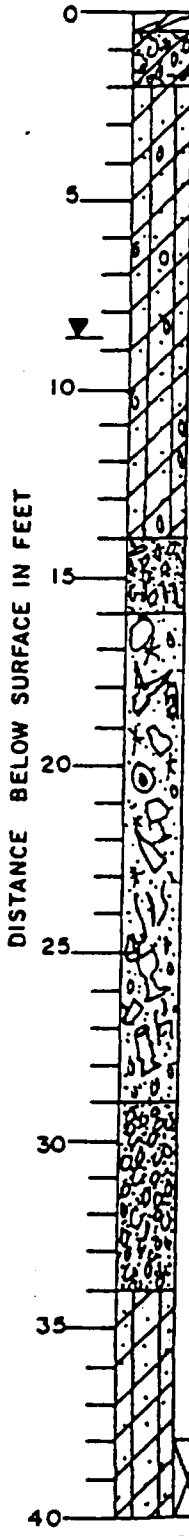
LOCATION: 77.9 N
110.6 W

WATER TABLE

AT END OF BORING

24 HOURS -8'11" (4-24-85)

WHILE DRILLING DRY



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	728.4	Black clayey TOPSOIL
							2.0	726.9	FILL: Brown clayey SAND and GRAVEL, dry (SC)
									FILL: Brown and gray silty CLAY little sand and gravel, moist (CL)
							14.0	714.9	
							16.0	712.9	FILL: Brown SAND and GRAVEL and COBBLES, damp
									REFUSE
							29.0	699.9	
									FILL: Brown SAND and GRAVEL, saturated (SP)
							34.0	694.9	
									Tough gray very silty CLAY, little to some sand, moist (CL)
	1	SS	74	8.2					

End of Boring at -40.0 Feet TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-12 (P-14) DATE STARTED 4-24-85 DATE COMPLETED 4-24-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 728.9

END OF BORING 688.9

LOCATION: 77.9 N
110.6 W

WATER TABLE

AT END OF BORING

24 HOURS -8'11" (4-24-85)

WHILE DRILLING DRY

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS

DISTANCE BELOW SURFACE IN FEET: 80, 85, 90, 95, 100, 105, 110, 115, 120

VENT INSTALLATION NOTES:

PVC Screen: -36' to - 16'

PVC Solid: - 16' to +3

Gravel pack: -36' to - 16'

Bentonite Seal: -16' to -13'

Natural Backfill: -13' to -4'

Concrete Protector Pipe: -4' to +3'

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-13 (P-7) DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 747.0

END OF BORING 690.0

LOCATION: 154.8 N
572.0 W

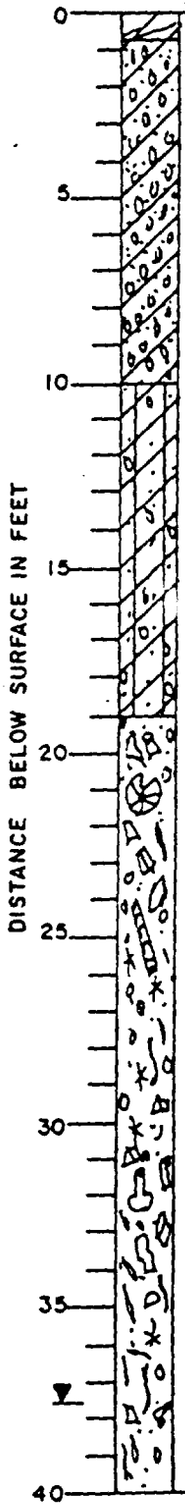
WATER TABLE

AT END OF BORING

24 HOURS -37'8" (4-24-85)

WHILE DRILLING DRY

SHEET 1 OF 2



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.9	746.1	FILL: Black clayey TOPSOIL
									FILL: Brown gravelly CLAY, little sand, moist (ML)
							10.0	737.0	
									FILL: Gray silty CLAY, little sand and gravel, moist (CL)
							19.0	728.0	
									REFUSE

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-13 (P-7) DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 747.0

END OF BORING 690.0

LOCATION: 154.8 N
572.0 W

WATER TABLE

AT END OF BORING

24 HOURS -37'8" (4-24-85)

WHILE DRILLING DRY

SHEET 2 OF 2

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									REFUSE
	1	SS	43	18.3	3.5*		54.0	693.0	Tough gray silty CLAY, little sand and gravel, moist (CL)

DISTANCE BELOW SURFACE IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

End of Boring at -57.0 Feet

VENT INSTALLATION NOTES:

4/26 Drilled H.S. hole for installation of 4" vent

Bottom of 20' screen:- 53'

Perforated PVC: - 33' to -18'

PVC Solid: - 18' to surface

Gravel Pack: -54' to -16'

Bentonite Pellets: -16 to -13'

Natural Backfill: -13' to - 4'

Steel Protector Pipe in Concrete: -4' to surface (+2')

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING DV-14 (P-10) DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 738.8

END OF BORING 705.8

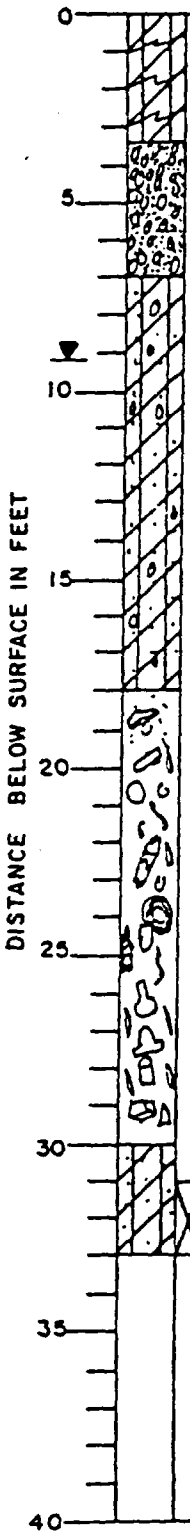
LOCATION: 563.1 N
380.6 W

WATER TABLE

AT END OF BORING

24 HOURS -9'1" (4-24-85)

WHILE DRILLING DRY



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL: Brown silty CLAY mixed with black clayey TOPSOIL, moist (CL)
							3.5	735.3	
									FILL: Brown SAND and GRAVEL, damp (SP)
							7.0	731.8	
									FILL: Brown and gray silty CLAY, little sand and gravel, moist (CL)
							18.0	720.8	
									REFUSE
							30.0	708.8	
	1	SS	37	17.9	2.75*				Very tough gray silty CLAY, little sand, moist (CL)

End of Boring at -33.0 Feet

VENT INSTALLATION NOTES:

PVC Screen: -33 to -18'
PVC Solid: -18' to +3'
Gravel Pack: -16 to -3'
Steel Protector Casing concreted into place over vent

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE COUNTY, P. O. BOX 2339, GLEN ELLYN,

BORING P-1 DATE STARTED 4-19-85 DATE COMPLETED 4-19-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 759.0

END OF BORING 723.0

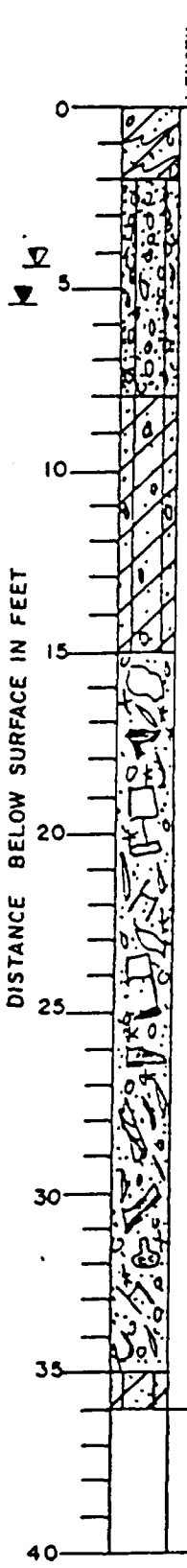
LOCATION: 314.1 N
460.2 W

WATER TABLE

AT END OF BORING

24 HOURS 5'4" (4-24)

WHILE DRILLING -4.5 Feet



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										FILL: Dark brown clayey TOPSOIL, little sand and gravel, moist
								2.0	757.0	
										FILL: Brown silty fine to coarse SAND, small to large GRAVEL
								8.0	751.0	
										FILL: Brown very silty CLAY, little sand and gravel, moist (CL)
								15.0	744.0	
										REFUSE
										% Methane in Air = 0.0%
										Very tough gray very silty CLAY little sand, moist (CL)
								35.0	724.0	
								36.0	723.0	
			End of Probe at -36.0 Feet							

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-2 DATE STARTED 4-19-85 DATE COMPLETED 4-19-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 756.5

END OF BORING 716.5

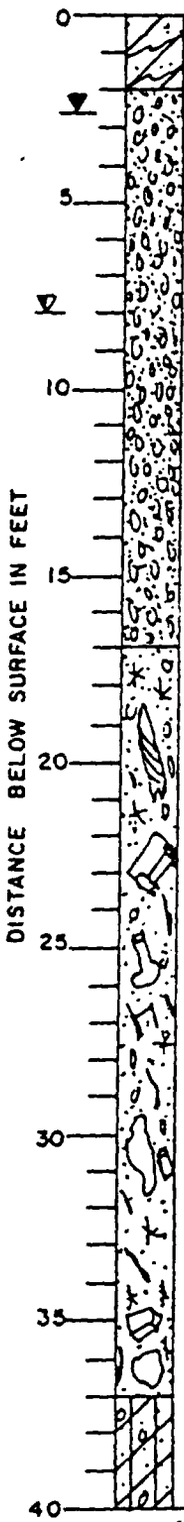
LOCATION: 313.6 N
383.5 W

WATER TABLE

AT END OF BORING

24 HOURS -2'8" (4-24)

WHILE DRILLING -8.0 Feet



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									FILL: Dark brown clayey TOPSOIL, little sand, moist
							2.0	754.5	
									FILL: Dense brown medium to coarse SAND and GRAVEL, moist (SP)
							17.0	739.5	
									REFUSE % Methane Gas in Air = 0.0%
							37.0	719.5	
									Very tough gray silty CLAY, trace sand and gravel, moist (CL)
							40.0	716.5	

End of Probe at -40.0 Feet TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-4 DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 753.9

END OF BORING 704.9

LOCATION: 318.4 N
155.9 W

WATER TABLE

AT END OF BORING

24 HOURS -38'10" (4-24)

WHILE DRILLING DRY

SHEET 1 OF 2

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							1.0	752.9	FILL: Brown clayey TOPSOIL, some sand and gravel, moist
							10.0	742.9	FILL: Gray very silty CLAY, little sand and gravel, moist (CL)
							17.0	736.9	FILL: Black clayey TOPSOIL, moist
							23.0	730.9	FILL: Gray silty CLAY, trace sand and gravel, moist (CL)
									REFUSE % Methane Gas in Air = 40.0%

DISTANCE BELOW SURFACE IN FEET

0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROBE CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-4 DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 753.9

END OF BORING 704.9

LOCATION: 318.4 N
155.9 W

WATER TABLE

AT END OF BORING

24 HOURS -38'10" (4-24-)

WHILE DRILLING DRY

SHEET 2 OF 2

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										REFUSE
										% Methane Gas in Air = 40.0%
								47.0	706.9	Very tough gray silty CLAY, little sand and gravel, moist (CL)
								49.0	704.9	
			End of Probe		at -	49.0	Feet			

DISTANCE BELOW SURFACE IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-5 DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 740.8

END OF BORING 697.8

LOCATION: 173.9 N
116.9 W

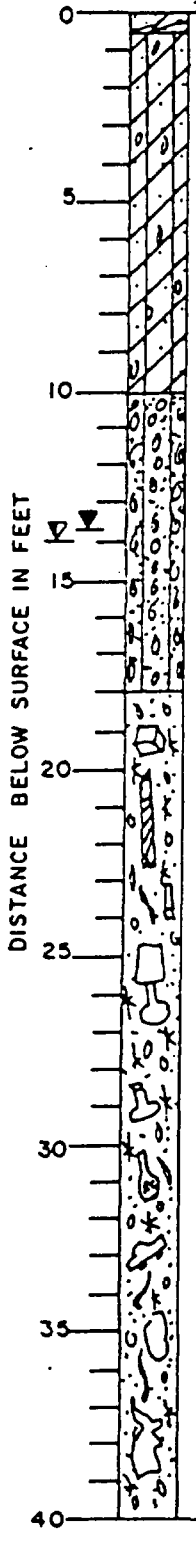
WATER TABLE

AT END OF BORING

24 HOURS -13'11"

WHILE DRILLING -14.0 Feet

SHEET 1 OF 2



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.5	740.3	FILL: Black clayey TOPSOIL, little sand, moist
										FILL: Gray silty CLAY, little sand and gravel, moist (CL)
								10.0	730.8	
										Brown silty SAND and GRAVEL, very moist to saturated
								18.0	722.8	
										REFUSE % Methane Gas in Air = 0.0%

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROBE CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-5 DATE STARTED 4-20-85 DATE COMPLETED 4-20-84 JOB 21,288

ELEVATIONS

GROUND SURFACE 740.8

END OF BORING 697.8

LOCATION: 173.9 N
116.9 W

WATER TABLE

AT END OF BORING

24 HOURS -13'11"

WHILE DRILLING -14.0 Feet

SHEET 2 OF 2

DISTANCE BELOW SURFACE IN FEET	LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
40									41.0	699.8	REFUSE: % Methane Gas in Air = 0.0
									43.0	697.8	Tough gray silty CLAY, little sand and gravel, moist (CL)
45				End of Probe at -43.0 Feet							
50											
55											
60											
65											
70											
75											
80											

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-6 DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 745.2

END OF BORING 696.2

LOCATION: 169.1 N
344.5 W

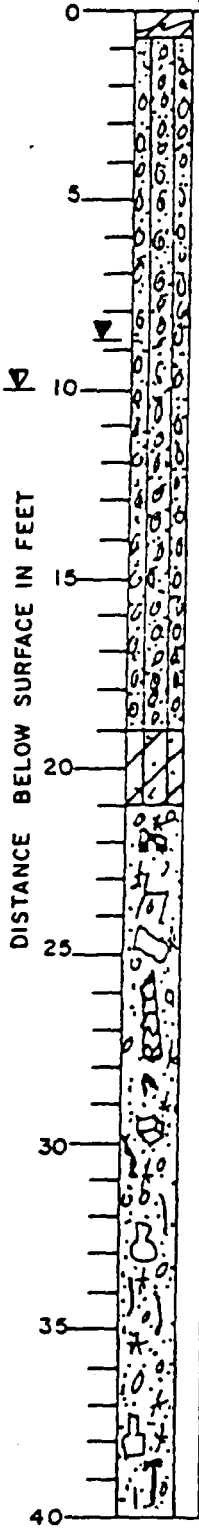
WATER TABLE

AT END OF BORING

24 HOURS -8'11" (4-24-85)

WHILE DRILLING -10.0 Feet

SHEET 1 OF 2



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.7	744.5	Black clayey TOPSOIL
							19.0	726.2	FILL: Brown very silty SAND and GRAVEL, moist to saturated (SM)
							21.0	724.2	FILL: Gray very silty CLAY, some sand (CL-ML)
									REFUSE
									% Methane Gas in Air = 0.0%

DISTANCE BELOW SURFACE IN FEET

0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROBE CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-6 DATE STARTED 4-20-85 DATE COMPLETED 4-20-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 745.2

END OF BORING 696.2

LOCATION: 169.1 N
344.5 W

WATER TABLE

AT END OF BORING

24 HOURS -8'11" (4-24-85)

WHILE DRILLING -10.0 Feet

SHEET 2 OF 2

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
										REFUSE
										% Methane Gas in Air = 0.0%
								47.0	698.2	Tough gray silty CLAY, trace small gravel and sand, moist (CL)
								48.5	696.2	
			End of Probe at -48.5 Feet							

DISTANCE BELOW SURFACE IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-8 DATE STARTED 4-21-85 DATE COMPLETED 4-21-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 746.4

END OF BORING 688.4

LOCATION: 150.2 N
689.4 W

WATER TABLE

AT END OF BORING

24 HOURS -30'2" (4-24-85)

WHILE DRILLING -35.0 Feet

SHEET 1 OF 2

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.5	745.9	Black clayey TOPSOIL
							10.0	736.4	FILL: Brown silty CLAY, little sand and gravel, moist (CL)
									REFUSE % Methane Gas in Air = 42.0%

DISTANCE BELOW SURFACE IN FEET

0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROBE CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-8 DATE STARTED 4-21-85 DATE COMPLETED 4-21-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 746.4

END OF BORING 688.4

LOCATION: 150.2 N
689.4 W

WATER TABLE

AT END OF BORING

24 HOURS -30'2" (4-24-85)

WHILE DRILLING -35.0 Feet

SHEET 2 OF 2

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										REFUSE % Methane Gas in Air = 42.0%
								56.0	690.4	
								58.0	688.4	Very tough gray silty CLAY, little sand and gravel, moist (CL
			End of Probe at - 58.0 Feet							

DISTANCE BELOW SURFACE IN FEET: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-9 DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 740.2

END OF BORING 707.2

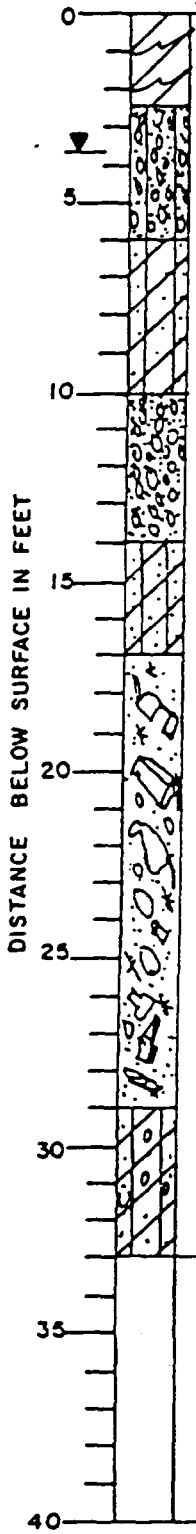
LOCATION: 467.9 N
258.0 W

WATER TABLE

AT END OF BORING

24 HOURS -3'9" (4-24-85)

WHILE DRILLING



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										Black clayey TOPSOIL
								2.5	737.7	
										FILL: Brown silty SAND and GRAVEL, saturated (SP)
								6.0	734.2	
										FILL: Brown and gray silty CLAY, little sand (CL)
								10.0	730.2	
										FILL: Brown SAND and GRAVEL, moist (SP)
								14.0	726.2	
										FILL: Gray silty CLAY, little sand, moist (CL)
								17.0	723.2	
										REFUSE
										% Methane Gas in Air = 0.0%
								29.0	711.2	
										Tough gray silty CLAY, little sand and gravel, moist (CL)
								33.0	707.2	
			End of Probe at -33.0 Feet							

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-11 DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 734.5

END OF BORING 701.5

LOCATION: 709.0 N
564.9 W

WATER TABLE

AT END OF BORING

24 HOURS DRY (4-24-85)

WHILE DRILLING

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.5	734.0	FILL: Black clayey TOPSOIL
								4.0	730.5	FILL: Brown clayey SAND, GRAVEL and COBBLES, dry
								6.0	728.5	FILL: Brown SAND and GRAVEL, dry (SP)
								13.0	721.5	FILL: Gray very silty CLAY, little sand, moist (CL-ML)
								27.0	707.5	REFUSE % Methane Gas in Air = 38.0%
								33.0	701.5	Tough gray silty CLAY, little sand and gravel, moist (CL)

End of Probe at -33.0 Feet

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-12 DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 725.8

END OF BORING 683.8

LOCATION: 52.4 N
503.5 W

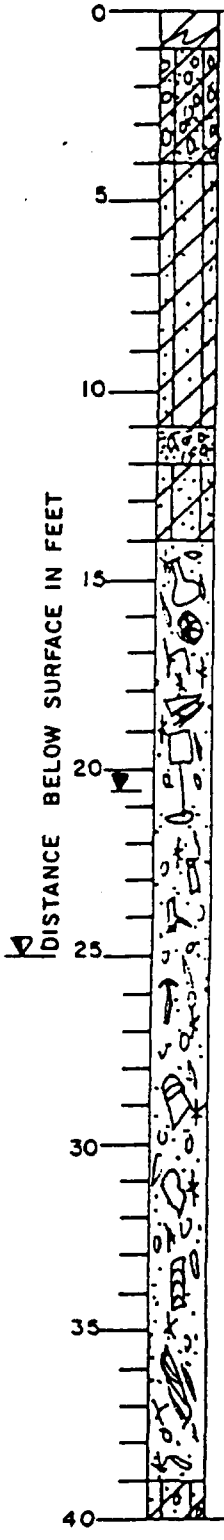
WATER TABLE

AT END OF BORING

24 HOURS -20'7"

WHILE DRILLING -25.0 Feet

SHEET 1 OF 2



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								1.0	724.8	Black clayey TOPSOIL
								4.0	721.8	FILL: Brown silty CLAY, mixed with SAND and GRAVEL seams, moist
								11.0	714.8	FILL: Gray silty CLAY, little sand, moist (CL)
								12.0	713.8	FILL: Brown SAND and GRAVEL, dry (SP)
								14.0	711.8	FILL: Dark gray silty CLAY, little sand, moist (CL)
										REFUSE
										% Methane Gas in Air = 0.0%
								39.0	686.8	See Sheet 2

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROBE CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-12 DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 725.8

END OF BORING 683.8

LOCATION: 52.4 N
503.5 W

WATER TABLE

AT END OF BORING

24 HOURS -20'7"

WHILE DRILLING -25.0 Feet

SHEET 2 OF 2

DISTANCE BELOW SURFACE IN FEET	LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
40									42.0	683.8	Tough gray silty CLAY, trace sand and gravel, moist (CL)
				End of Probe at -42.0 Feet							
45											
50											
55											
60											
65											
70											
75											
80											

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-12A DATE STARTED 4-24-85 DATE COMPLETED 4-24-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 727.4

END OF BORING 712.4

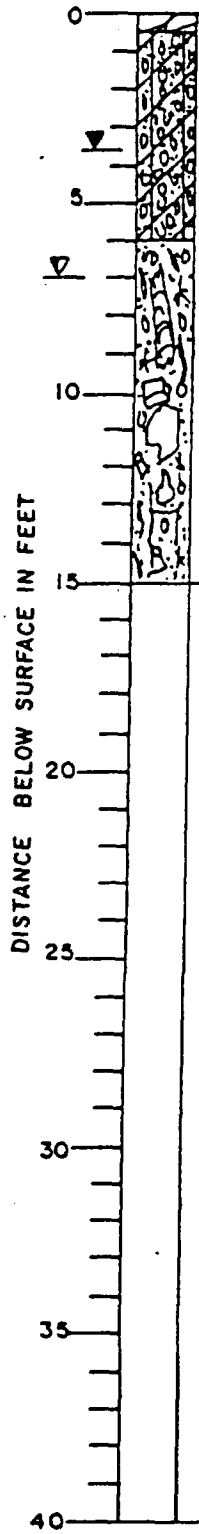
LOCATION: 64.4 N
451.4 W

WATER TABLE

AT END OF BORING

24 HOURS -3'7" (4-24-85)

WHILE DRILLING -7.0 Feet



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.5	726.9	Black clayey TOPSOIL
										FILL: Brown and gray silty CLAY mixed with SAND and GRAVEL seams, moist (CL)
								6.0	721.4	
										REFUSE % Methane Gas in Air = 0.0%
								15.0	712.4	
			End of Probe at -15.0 Feet							

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, ILLINOIS

BORING P-12B DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 728.6

END OF BORING 713.6

LOCATION: 71.2 N
413.9 W

WATER TABLE

AT END OF BORING

24 HOURS 2'10" (4-24-85)

WHILE DRILLING -5.0 Feet

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								0.7	727.9	Black clayey TOPSOIL
								4.5	724.1	FILL: Brown and gray silty CLAY with SAND and GRAVEL seams, moist (CL)
								15.0	713.6	REFUSE % Methane Gas in Air = 0.2%
			End of Probe at -15.0 Feet							

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING P-13 DATE STARTED 4-22-85 DATE COMPLETED 4-22-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 729.7

END OF BORING 689.7

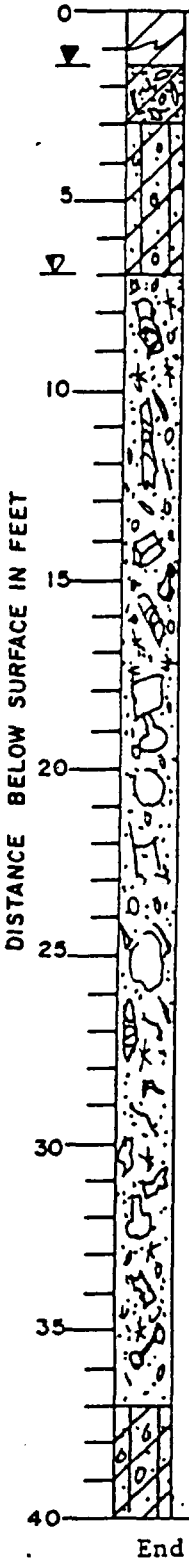
LOCATION: 68.2 N
336.4 W

WATER TABLE

AT END OF BORING

24 HOURS -1'6"

WHILE DRILLING -7.0 Feet



LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
										Black clayey TOPSOIL
								1.5	728.2	Brownish-gray clayey SAND and GRAVEL and COBBLES, moist (SC)
								3.0	726.7	FILL: Gray silty CLAY, little sand and gravel, moist (CL)
								7.0	722.7	REFUSE % Methane Gas in Air = 0.0%
								37.0	692.7	Gray silty CLAY, little sand and gravel, moist (CL)
								40.0	689.7	

End of Probe at -40.0 Feet TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING North well DATE STARTED 5-20-80 DATE COMPLETED 5-20-80 JOB 17,458

G 100

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -16.5'

24 HOURS

While Drilling -12.0'

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0		1	SS	25/6"	7.0			1.0		FILL - Black and dark brown clayey TOPSOIL
		a 2b	SS	71/10"						FILL - Brown and black silty CLAY (CL) and small to large GRAVEL (GW); trace sand
5		a 3b	SS	71/11"	7.5					Note: Slight odor in sample 2B
		a 4b	SS	46				8.0		Dense to firm light grayish-brown fine to coarse SAND, some small to medium gravel, trace silt and clay to 9.0', moist (SW)
10		a 5b	SS	19				11.0		Firm brown fine to coarse SAND and small to medium GRAVEL, very moist to wet at 12.0' (SW/GW)
▽		a 6b	SS	22				13.0		Firm dark gray medium to coarse SAND, wet (SP); 2" clayey silt seam at 14.8' — Note: This zone (13.0-15.0') may contain leachate. Slight odor noted.
		a 7b	SS	16						
15		a 8b	SS	16	14.4 16.9	4.5+ 3.25	*	15.0		
▽		a 9b	SS	14	12.3 12.6	4.50 4.25	*			Hard to very tough gray very silty CLAY, trace sand and gravel, moist (CL); 6" layer of clayey sandy silt at 16.5'; occasional clayey silt layers; occasional silt se 8" clayey sandy silt layer at 23.5
20		a 10b	SS	24	12.7 12.8	3.75	*			
		a 11b	SS	54	12.8 13.4	2.25	*			
		a 12b	SS	37	16.1 15.4	4.50 4.5+	*	24.0		
25		a 13b	SS	25	12.5 12.5	4.5+ 4.5+	*			Hard gray silty CLAY, trace sand and gravel, moist (CL); silt seam at 29.0'
		a 14b	SS	26	17.1 17.6	4.00 4.50	*			
		a 15b	SS	20				29.7		Firm gray clayey sandy SILT, very moist (ML)
30										
35										
40										

End of Boring at 31.0'

Bottom of monitoring well was installed at a depth of 16.0' and sealed from 5.0' to ground surface.

*-Approximate unconfined compressio strength based on measurements wi a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 1 DATE STARTED 5-20-80 DATE COMPLETED 5-20-80 JOB 17,458

G101

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING

24 HOURS

While Drilling - 4.0'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0			1 a/b	SS	40	19.8					FILL - Brown silty CLAY (CL) mixed with SAND and GRAVEL (SW/GW)
			2 a/b	SS	27				4.0		Firm brown fine to coarse SAND and small to medium GRAVEL, wet (SW/GW)
5			3 a/b	SS	17				5.5		Firm light brown silty fine SAND, wet (SM) with thin layers of silt
			4 a/b	SS	15				7.0		Firm gray clayey SILT, some sand and gravel, very moist (ML)
10			5 a/b	SS	11	14.2 14.0			11.0		
			6 a/b	SS	31	13.6 13.2	4.0*				Hard gray silty CLAY, trace sand and gravel, moist (CL); thin layer of silt below 15.0'
			7 a/b	SS	28	14.7	4.5+*				
15			8 a/b	SS	21	16.7	4.5*				
			9 a/b	SS	21				17.0		Firm gray sandy (fine) SILT, wet (ML)
20			10 a/b	SS	35	13.2			19.0		Hard gray very silty CLAY, little sand and gravel, moist (CL); occasional seams and pockets of silt
			11 a/b	SS	37	14.0 10.7	4.5+*				
			12 a/b	SS	33	12.5	4.5+*				
25			13 a/b	SS	28	10.9 11.5	4.5+*				
			14 a/b	SS	97	12.6 13.4	4.5+*				
30			15 a/b	SS	38	13.5	4.5+*				
35											
40											

End of Boring at 31.0 feet

Bottom of monitoring well was installed at a depth of 11.0 feet and sealed from 3.0 feet to ground surface

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO.

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 2 DATE STARTED 5-5-80 DATE COMPLETED 5-5-80 JOB 17,458

6102

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -17.5'

24 HOURS

While Drilling -20.0'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	▽DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0									0.6		FILL - Black clayey TOPSOIL
			1 a/b	SS	12	25.4 27.5					FILL - Brown silty CLAY, little sand and gravel (CL)
			2 a/b	SS	10	30.4 30.5			4.5		
5			3 a/b	SS	24						Firm light brown to brown fine to coarse SAND, some gravel, trace silt (SW)
			4 a/b	SS	22				7.0		
10			5 a/b	SS	11						Firm to dense brown to light brown fine to coarse SAND and small to large GRAVEL, trace silt, very moist to wet at 20.0' (SW/GW)
			6 a/b	SS	20						
			7 a/b	SS	14						
15			8 a/b	SS	31						
▽			9 a/b	SS	29						
▽ 20			10 a/b	SS	35						
			11 a/b	SS	22				21.0 21.5		Brown SILT, little sand and gravel, wet (ML)
			12 a/b	SS	27						Firm brown to light brown fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
25			13 a/b	SS	28						
			14 a/b	SS	22				27.0		Firm to dense fine to coarse SAND and small GRAVEL, wet (SW)
30			15 a/b	SS	41				30.0		Dense brown sandy (fine) SILT, trace gravel, very moist (ML)
35											
40											

End of Boring at 31.0 feet

Bottom of monitoring well was installed at a depth of 25.0 feet and sealed from 2.0 feet to ground surface.

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 3 DATE STARTED 4-5-80 DATE COMPLETED 4-5-80 JOB 17,458

G103S
G103D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -15.0'

24 HOURS

While Drilling - 7.0',-38.3'

SHEET 1 of 2

Distance Below Surface in Feet	SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0							1.0		FILL - Dark brown clayey TOPSOIL
	1a b	SS	28	12.1			2.0		FILL - Brown and gray silty CLAY, little sand and gravel (CL)
	2a b	SS	100/10"	7.4 11.2					FILL - Brown silty, sandy, clayey small to medium GRAVEL (GC)
5							5.0		Very dense to firm grayish-brown fine to coarse SAND and small to medium GRAVEL, moist to wet at 7.0' (SW/GW) 6" sandy silt layer at 9.5'
	3a b	SS	49						
	4a b	SS	70						
10	5a b	SS	20				10.0		Firm brown fine to coarse SAND, little small gravel, wet (SW)
	6a b	SS	20				11.0		
	7a b	SS	35	16.1 15.6	4.5+* 4.5+*				Hard to very tough gray silty CLAY, trace sand and gravel, moist (CL): occasional thin gravel layers to 15.0'
15	8a b	SS	17	17.8 15.3	2.75* 4.5+*				
	9a b	SS	16	16.0 16.3	4.5+* 4.5+*				
20	10a b	SS	16	17.3 17.0	3.75* 3.75*				
	11a b	SS	16	17.2 17.7	3.0*				
	12a b	SS	24	18.4 16.1	2.25* 3.5*				
25	13a b	SS	17	18.5 18.9			25.0		Firm brownish-gray clayey SILT, some sand and gravel, moist (ML)
	14a b	SS	39	9.2 7.9			27.0		Dense to firm gray clayey SILT, some sand and gravel, considerabl gravel from 31.0'-33.0', moist (ML)
30	15a b	SS	22						
	16a b	SS	27	7.2					
	17a b	SS	15	12.2 13.1	2.5* 2.5*		33.0		Very tough gray silty CLAY, little gravel, trace sand, moist (CL)
35	18**	SS	14						
	19a b	SS	10	16.5	2.75*		38.3		Firm gray very silty, very fine SAND, wet (SM)
40	20a	SS	30						

** - Driving on pc Gravel

TESTING SERVICE CORPORATION

D3 SHD

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 3 Con't. DATE STARTED 4-5-80 DATE COMPLETED 4-5-80 JOB 17,458

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -15.0'

24 HOURS

While Drilling - 7.0', -38.3'

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40		20b	SS	30	24.7	1.5*		41.0		Firm gray very silty, very fine SAND, wet (SM)
		21a/b	SS	3				42.0		Tough gray silty CLAY, laminated, moist (CL)
		22a/b	SS	12						Very loose to dense gray very silty, very fine SAND, wet (SM)
45		23a/b	SS	35						
		24a/b	SS	42						
		25a/b	SS	46				51.0		
50		26a/b	SS	40	8.9					Very tough to hard gray silty CLAY (CL) and dense to very dense gray clayey SILT (ML); little sand and gravel; numerous layers of sand and silt
		27a/b	SS	50	9.4 12.5	3.75*				
55		28a/b	SS	44	12.0 10.2	2.25* 4.5+				
		29a/b	SS	75				57.8		Very dense brownish-gray silty, gravelly fine to coarse SAND, moist (SM/SW)
								59.0		Very dense gray sandy, gravelly SILT, very moist (ML)
60		30a/b	SS	120				61.0		Weathered light gray DOLOMITE or BOULDER
65										
70										
75										
80										

End of Boring at 63.0 feet

Bottom of shallow monitoring well was installed at a depth of 47.0 feet and sealed from 6.0 feet to ground surface.

Bottom of deep monitoring well was installed at a depth of 62.0 feet and sealed from 55.0 feet to 51.0 feet.

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBA

BORING Sta. 4 DATE STARTED 5-8-80 DATE COMPLETED 5-8-80 JOB 17,4

G104

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -5.0'

24 HOURS -6.4'

While Drilling -11.0'

Sample No.	Type	N	WC	Q_u	% DRY	Depth	Elev.	Soil Descriptions
						1.0		FILL - Black clayey TOPSOIL
						2.0		FILL - BOULDER
1**	SS							FILL - Brown SAND and GRAVEL (SW/GW)
a			26.4			4.0		
2b	SS	7	31.1					FILL - Black clayey TOPSOIL, black to gray slightly organic CLAY and brown silty CLAY, trace sand and gravel (OH/CL)
a			27.1					
3b	SS	7	19.9					
a			23.4					
4b	SS	15	22.7					
a			25.7					
5b	SS	5	26.6					
a			30.2					
6b	SS	5	26.1					
a			24.5					
7b	SS	6	24.4					
a			28.0					
8b	SS	20	24.0			17.0		
a								Very dense brown-gray fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
9b	SS	77						
a						20.0		
10b	SS	21	13.9	2.50*		20.5		Very tough brown very silty CLA trace sand, moist (CL)
a			14.5	3.50*				
11b	SS	27	14.4	3.50*				Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL); 4" seam of soft brown and black silty clay at 21.0'
a			13.8	4.50*				
12b	SS	28	13.2	4.50				
a			15.1	2.50*				
13b	SS	20	13.7	4.50				
a			19.1	3.50*				
14b	SS	19	17.0	3.50*				
a			17.7	4.00*				
15b	SS	16	20.4	2.50*				

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

**-No sample obtained due to boulder

End of boring at 31.0 feet.

Bottom of monitoring well installed at a depth of 20.0' and sealed from 3.0' to ground surface.

*-Approximate unconfined compres strength based on measurements a calibrated pocket penetromete

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 5 DATE STARTED 5-6-80 DATE COMPLETED 5-6-80 JOB 17,458

G105

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -26.0'

24 HOURS

While Drilling -19.5'

SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.2		FILL - Black sandy, clayey TOPSOIL
1a b	SS	21	11.0					FILL - Gray silty CLAY, trace sand and gravel (CL)
2a b	SS	12	13.6 12.5			4.0 5.0		FILL - Brown SAND and GRAVEL (SW/GW)
3a b	SS	61	12.4					FILL - Gray silty CLAY (CL) and clayey SILT (ML), some sand and gravel, trace organic
4a b	SS	12	15.4 8.4					
5a b	SS	12	12.4 15.0					
6a b	SS	12	11.4 14.4					
7a b	SS	8	14.8					
8a b	SS	34				15.0		Dense to very dense light brown to brownish-gray fine to coarse SAND and small to large GRAVEL, damp to wet at 19.5' (SW/GW) NOTE: Foul odor noted in Sample 10
9a b	SS	51						
10a b	SS	49						
11a b	SS	31	13.3 12.7			21.0		Dense brown clayey SILT, trace sand and gravel, moist (ML)
12a b	SS	26	15.9 15.0	4.5+* 4.5+*		23.0		Hard gray very silty CLAY, trace sand and gravel, moist (CL)
13a b	SS	35				25.0		Dense gray fine to coarse SAND & small to medium GRAVEL, wet (SW/GW)
14a b	SS	60	15.6 17.2	4.5+* 4.25*		27.0		Hard gray silty CLAY, trace sand and gravel, moist (CL)
15a b	SS	23	18.1	4.5+*		30.0		Firm gray sandy (fine) SILT, trace gravel, moist (ML)

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at 31.0 feet

NOTE: Gas was being emitted from monitoring well after installation.

Bottom of monitoring well was installed at 21.5' and sealed from 2.0' to ground surface.

*-Approximate unconfined compress strength based on measurements a calibrated pocket penetrometer

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 6 DATE STARTED 5-8-80 DATE COMPLETED 5-8-80 JOB 7,458

6106

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -12.0'

24 HOURS -10.8'

While Drilling -11.5'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0											FILL - Dark brown to black clayey TOPSOIL
			1 a/b	SS	17	26.4			1.5		Firm to very dense light grayish-brown fine to coarse SAND and small to large GRAVEL, trace silt, occasional cobbles, damp (SW/GW)
			2 a/b	SS	16						
5			3 a/b	SS	44						
			4 a/b	SS	58						
10			5 a/b	SS	35						
			6 a/b	SS	40						
			7 a/b	SS	11	11.6 13.4			13.0 14.0		Firm brown clayey SILT, some sand, trace small gravel, very moist (ML)
15			8**	SS	18	13.6					Firm gray clayey SILT, little sand and gravel, moist (ML)
			9 a/b	SS	14	11.6 11.6	3.5* 4.5+*		17.0		Very tough to hard gray silty CLAY, little sand and gravel, moist (CL); occasional clayey gravel zones; layer of silt and clayey silt from 21.0'-22.0'
20			10 a/b	SS	16	11.5 11.8	4.0* 4.5+*				
			11 a/b	SS	23	13.8 17.3	4.5+* 4.25*				
			12 a/b	SS	18	20.3	3.5*		24.0		Firm grayish-brown sandy, clayey SILT, trace gravel, very moist (ML): layer of very tough gray silty clay from 25.0'-26.0'
25			13 a/b	SS	24	19.8	2.0*				
			14 a/b	SS	23	9.2			27.0		Firm to dense brownish-gray clayey SILT, some sand, considerable gravel, moist (ML)
30			15 a/b	SS	35	10.0					
35											
40											

End of Boring at 31.0 feet

Bottom of monitoring well installed at a depth of 15.0 feet and sealed from 2.0 feet to ground surface.

*-Approximate unconfined compressic strength based on measurements wi a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 8 DATE STARTED 5-7-80 DATE COMPLETED 5-9-80 JOB 17,458

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING 13.0'

24 HOURS

WHILE DRILLING 14.5'

61075
61070

SHEET 1 OF 2

SAMPLE NO.	TYPE	N	WC	Q_u	DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.5		FILL - Black clayey TOPSOIL
1a b	SS	12	26.7 29.0					FILL - Brown silty CLAY, trace sand & gravel (CL)
2a b	SS	7	25.8			4.0		
3a b	SS	24				7.0		Firm brown to light brown clayey SAND & GRAVEL, moist (SC)
4a b	SS	25						
5a b	SS	10						Firm brown to light brown silty fine to coarse SAND & small to large GRAVEL, very moist to wet at 14.5' (SM/GM)
6a b	SS	20						
7a b	SS	16				15.0		
8a b	SS	22						Firm to dense brown to light brown fine to coarse SAND & small to large GRAVEL, wet (SW/GW
9a b	SS	40						
10a b	SS	16	9.7	4.5*		20.0		
11a b	SS	38	8.1 9.4	4.5+* 4.5+*				
12a b	SS	65/5"	**9.1 9.2	4.5+* 4.5+*				Hard to very tough gray very silty CLAY, little sand & gravel, moist (CL); occasional clayey silt layers; boulder at 25'; 2" wet sand seam at 29.0'
13a b	SS	38	9.2 8.3	4.5+*				
14a b	SS	35	10.1 10.4	4.5+* 4.5+*				
15a b	SS	40	9.3 12.0	4.5+*				
16a b	SS	28	13.1 12.6	3.25* 4.25*				
17a b	SS	34				33.5		
18a b	SS	WOH						Dense to very loose gray fine SAND, trace silt, wet (SP)
19a b	SS	8	14.6	1.75*		38.5		Tough gray very silty CLAY, litt. sand & gravel, moist
20a	SS	63/6"	**13.9	1.5*				

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

WOH - Weight of Hammer
** - Driving on Boulder
DRILL RIG NO. 72

TESTING SERVICE

*Approximate unconfined compressio strength based on measurements w a calibrated pocket penetrometer.

BORING LOG CONTINUED

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 8 con't DATE STARTED 5-7-80 DATE COMPLETED 5-9-80 JOB 17,458

G107S
G107D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING 13.0'

24 HOURS

WHILE DRILLING 14.5'

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40		20b	SS	63/6"	12.7	2.5*				Very tough gray silty CLAY, little sand & gravel, moist (CL); with layers of silt & sand from 41.0' to 43.0'
		21 a/b	SS	26				42.0		
45		22 a/b	SS	43	17.0	2.5*		44.5		Firm to dense gray fine to coarse SAND & small GRAVEL, wet (SW/GW) very tough gray silty clay layer at 43.0'
		23 a/b	SS	30/2"				47.0		Very dense gray sandy SILT, trace clay, some large gravel, wet (ML)
50										Weathered light gray DOLOMITE or BOULDER
55										End of Boring at 51.0'. Bottom of shallow monitoring well was installed at 39.0' and sealed from 3.0' to ground surface. Bottom of deep monitoring well was installed at a depth of 47.0' and sealed above 42.0'.
60										
65										
70										
75										
80										

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBA

BORING Sta. 9 DATE STARTED 4-21-80 DATE COMPLETED 4-21-80 JOB 17,[illegible]

6108

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -7.0'

24 HOURS -5.8'

While Drilling -7.0'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0									1.0		FILL - Black clayey TOPSOIL
			a 1b	SS	60						Very dense to firm light grayish brown to brown fine to coarse SAND and small to large GRAVEL, trace clay to 3.0', damp (SW/GW)
5			a 2b	SS	28						
			a 3b	SS	24				7.0		
			a 4b	SS	12						Firm to very dense grayish-bro small to large GRAVEL and fine to coarse SAND, occasional cobbles, wet (GW/SW)
10			a 5b	SS	38						
			a 6b	SS	37						
			a 7b	SS	51						
15			a 8b	SS	37						
			a 9b	SS	74						
20			a 10b	SS	24	13.3	4.5+*		20.0		
									21.0		Very tough gray very silty CLAY, little sand and gravel, moist (C a few seams of silty fine sand
			a 11b	SS	18				23.0		Firm gray fine SAND, trace cl occasional silty clay laminatio
									23.5		Firm fine sandy SILT, wet (ML)
25			a 12b	SS	36	11.7	4.5+*				
			a 13b	SS	22	11.0	4.5+*				Hard gray very silty CLAY, litti sand & gravel, moist (CL), occasional clayey sandy silt seams below 26.0'
						11.8	4.5+*				
			a 14b	SS	65	12.6	4.5+*		28.5		
30			a 15b	SS	37						Very dense to dense gray fine to coarse SAND and small to large GRAVEL, wet (SW/GW); 6" silty clay layer at 29.5'
35											End of Boring at 31.0 feet Bottom of monitoring well was installed at depth of 15.0 feet and sealed from 2.0 feet to ground surface.
40											

*-Approximate unconfined compres strength based on measurements a calibrated pocket penetromete

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta 9+140 DATE STARTED 4-25-80 DATE COMPLETED 4-28-80 JOB 17,458

6109

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -10.0'

24 HOURS

While Drilling -12.5'

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.5		FILL - Black clayey TOPSOIL
a 1b	SS	22	22.9			2.0		FILL - Brown silty CLAY, little sand and gravel (CL)
a 2b	SS	43						Firm to dense light grayish-brown small to large GRAVEL and fine to coarse SAND, occasional cobbles, damp to wet at 12.5' (GW/SW)
a 3b	SS	23						
a 4b	SS	34						
a 5b	SS	21						
a 6b	SS	22				13.0		
a 7b	SS	11						Firm brown small to large GRAVEL, little to some sand, a few cobbles wet (GW); 2" clayey gravel seam at 16.0'; 5" gray sandy-clayey silt seam at 20.5'
a 8b	SS	19						
a 9b	SS	28						
a 10b	SS	26				21.0		
a 11b	SS	45						Dense to very dense grayish-brown fine to coarse SAND and small to large GRAVEL, a few cobbles, wet (SW/GW)
a 12b	SS	46						
a 13b	SS	35						
a 14b	SS	34						
a 15b	SS	54						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at 31.0 feet

Bottom of monitoring well was installed at a depth of 20.0' and sealed from 2.0' to ground surface.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 10 DATE STARTED 4-21-80 DATE COMPLETED 4-22-80 JOB 17,458

G110

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -12.5'

24 HOURS -12.3'

While Drilling -11.0'

Distance Below Surface in Feet	Length Recovery	Sample No.	Type	N	WC	Q_u	% DRY	Depth	Elev.	Soil Descriptions
0								1.0		FILL - Black clayey TOPSOIL
		a 1b	SS	20	22.7			1.7		FILL - Brown silty CLAY, little sand and gravel (CL)
								3.0		Firm grayish-brown small to medium GRAVEL and fine to coarse SAND, damp (GW/SW)
		a 2b	SS	31						
5		a 3b	SS	32						Dense to firm grayish-brown fine to coarse SAND, little small gravel, trace silt, damp (SW)
		a 4b	SS	29				8.0		
								9.0		Dense grayish-brown fine to coarse SAND and small to large GRAVEL, occasional cobbles, damp (SW/GW)
10		a 5b	SS	80				11.0		Very dense grayish-brown small to large GRAVEL, some fine to coarse sand, trace silt and clay, moist (GW)
		a 6b	SS	20						
		a 7b	SS	20				15.0		Firm brown fine to medium SAND, wet (SP) with layers of gray silt below 13.0'
15		a 8b	SS	10				17.0		Firm gray clayey SILT, very moist (ML) with sand seams
		a 9b	SS	19				19.0		Firm gray medium SAND, wet (SP)
20		a 10b	SS	63						Very dense to dense brownish-gray fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
		a 11b	SS	54						
		a 12b	SS	34				25.0		
25		a 13b	SS	24				28.0		Firm to dense grayish-brown medium to coarse SAND, trace small gravel wet (SP)
		a 14b	SS	32						Dense grayish-brown fine to coarse SAND and small to medium GRAVEL, wet (SW/GW)
30		a 15b	SS	43						
35										END OF BORING AT 31.0 FEET Bottom of monitoring well was installed at a depth of 19.0' and sealed from 2.0 feet to ground surface.
40										

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 10+178 DATE STARTED 4-25-80 DATE COMPLETED 4-25-80 JOB 17,453

G111

ELEVATIONS

GROUND SURFACE _____

END OF BORING _____

WATER TABLE

AT END OF BORING -15.5'

24 HOURS _____

While Drilling -15.0'

Distance Below Surface in Feet	Length Recovery	Sample No.	Type	N	WC	Q_u	γ DRY	Depth	Elev.	Soil Descriptions
0								0.5		FILL - Black clayey TOPSOIL
		1a b	SS	17	16.7 23.9	4.5+*		2.2		FILL - Dark gray clayey SILT, trace sand (ML)
		2a b	SS	14				3.0		Hard brown silty CLAY, little sand, moist (CL)
5		3a b	SS	10						Firm grayish-brown fine to coarse SAND, little to some gravel, little to trace silt and clay, damp (SW)
		4a b	SS	21				7.0		Firm light grayish-brown fine to coarse SAND and small to medium GRAVEL, damp (SW/GW)
10		5a b	SS	26						
		6a b	SS	16				11.0		Firm gray fine to coarse SAND and small to large GRAVEL, moist (SW/GW)
		7a b	SS	14				13.0		Silt seam at 14.7'
15 ▽		8a b	SS	35				15.0		Firm brown sandy, clayey SILT, very moist (ML) with wet seams of sand and gravel
		9a b	SS	43						
20		10a b	SS	64						Dense to very dense brownish-gray to gray sandy (fine to coarse) small to large GRAVEL, wet (GW)
		11a b	SS	36						Clayey silt seam at 21'. Foul odor noted below 17'.
		12a b	SS	39						
25		13a b	SS	44						
		14a b	SS	29				28.0		Firm grayish-brown medium to coarse SAND and small to medium GRAVEL, wet (SW/GW)
30		15a b	SS	26						
35										End of Boring at 31.0 feet Bottom of monitoring well installed at a depth of 21.0 feet and sealed from 3.0 feet to ground surface.
40										

*-Approximate unconfined compressic strength based on measurements w a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 11 DATE STARTED 4-22-80 DATE COMPLETED 4-22-80 JOB 17,456

6112

ELEVATIONS

GROUND SURFACE

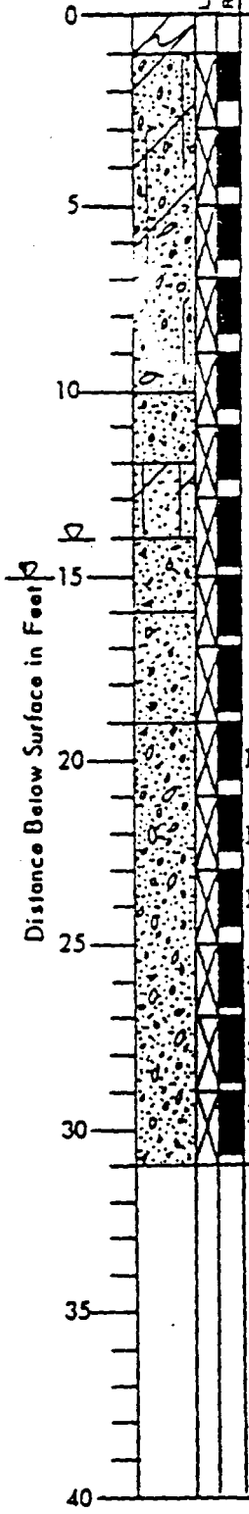
END OF BORING

WATER TABLE

AT END OF BORING -14.0'

24 HOURS -13.3'

While Drilling -15.0'



LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							1.0		FILL - Black clayey TOPSOIL
	1a/b	SS	30						Dense to firm light brownish-gray fine to coarse SAND and small to medium GRAVEL, trace silt and clay to 7', damp (SW/GW)
	2a/b	SS	38						
	3a/b	SS	26						
	4a/b	SS	20						
	5a/b	SS	10				10.0		Firm to loose light grayish-brown fine to coarse SAND, trace to little small gravel, damp (SW)
	6a/b	SS	8	27.2			12.0		
	7a/b	SS	14				14.0		Layers of tough brown silty CLAY, moist (CL); Loose brown and gray silty fine SAND, very moist (SM) and Brown and gray sandy fine SILT, very moist (ML)
	8a/b	SS	15				16.0		
	9a/b	SS	19				19.0		Firm gray medium to coarse SAND, little small to medium gravel, moist to wet at 15' (SP)
	10a/b	SS	20						Firm grayish-black fine to coarse SAND and small to medium GRAVEL, wet (SW/GW) NOTE: This zone (16'-19', S le 8B, 9A, 9B) appeared to contain leachate. Foul odor also noted.
	11a/b	SS	37						
	12a/b	SS	44						
	13a/b	SS	37						Firm to dense gray to brownish-gray fine to coarse SAND and small to large GRAVEL, occasiona cobbles, wet (SW/GW)
	14a/b	SS	31						
	15a/b	SS	30						

End of Boring at 31.0 feet

NOTE: A small amount of gas was encountered below 15.0 feet. After completion, gas continued to slowly bubble out of bore hole

The bottom of this monitoring well actually has an elevation equivalent to a depth of 20', as it was installed at a location having a ground surface elevation 1' below the ground surface elevation of this boring location.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 11+80 DATE STARTED 4-23-80 DATE COMPLETED 4-23-80 JOB 17,458

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -13.5'

24 HOURS

While Drilling -14.5'

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.5		FILL - Black clayey TOPSOIL
1a/b	SS	14	21.7			2.7		FILL - Dark gray clayey SILT (ML)
						3.0		FILL - Brown silty CLAY (CL)
2a/b	SS	28						Firm to dense light grayish-brown fine to coarse SAND and small to medium GRAVEL, trace silt and clay, moist (SW/GW)
3a/b	SS	32						
4a/b	SS	27						
						9.0		Dense light grayish-brown fine to coarse SAND, little to small gravel, damp (SW)
5a/b	SS	32						
						11.5		Loose to firm grayish-brown fine to coarse SAND, trace silt and small gravel, very moist (SP)
6a/b	SS	9						
7a/b	SS	20				14.5		Firm blackish-gray medium to coarse SAND, trace to some gravel, wet (SP)
8a/b	SS	17						NOTE: This zone (14.5'-18.0', Samples 7B, 8A, 8B, 9A) appeared to contain leachate. Foul odor was also noted.
9a/b	SS	22				18.0		
10a/b	SS	26						
11a/b	SS	30						Firm to dense gray fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
12a/b	SS	30						
13a/b	SS	22						
14a/b	SS	22						
15a/b	SS	22						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at 31.0 feet

NOTE: Gas was observed coming out of the hollow stem auger after completing the boring.

Bottom of monitoring well was installed at a depth of 19.0 feet and sealed from 3.0 feet to ground surface.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 11+160 DATE STARTED 4-23-80 DATE COMPLETED 4-23-80 JOB 17,458

6114

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -14.0'

24 HOURS

While Drilling -13.0'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	∅ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0									0.7		FILL - Black clayey TOPSOIL
			1 a/b	SS	18	21.3 / 22.3			1.4		FILL - Brown silty CLAY, little sand and gravel (CL)
			2 a/b	SS	19				3.0		FILL - Dark gray clayey SILT, trace sand and gravel (ML)
5			3 a/b	SS	38						Firm to dense light grayish-brown fine to coarse SAND and small to medium GRAVEL, trace silt and clay to 5', damp (SW/GW)
			4 a/b	SS	27						
10			5 a/b	SS	22				11.0		
			6 a/b	SS	10						Firm to loose brown fine SAND, moist to wet at 13' (SP)
			7 a/b	SS	7						
15			8 a/b	SS	16				16.0		Firm brown fine to coarse SAND, little to some small to medium gravel, wet (SW)
			9 a/b	SS	23				18.5		
20			10 a/b	SS	30						Firm gray small to large GRAVEL and fine to coarse SAND, wet (GW/SW)
			11 a/b	SS	24						
			12 a/b	SS	28						
25			13 a/b	SS	30						
			14 a/b	SS	31						
30			15 a/b	SS	36						
35											
40											

End of Boring at 31.0 feet

NOTE: Gas was encountered below 9.0'

Bottom of Monitoring Well was installed at a depth of 28.5 feet and sealed from 3.0 feet to ground surface.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta.12 West Well DATE STARTED 4-29-80 EXTENDED 5-9-80 DATE COMPLETED 4-29-80 5-9-80 JOB 17,458

G1155
G115D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -15.0'

24 HOURS

While Drilling -13.0'

SHEET 1 of 2

SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1a b	SS	10	25.3 33.0			2.5		FILL - Brown to reddish-brown silty CLAY, trace sand and gravel (CL)
2a b	SS	15				3.5		Tough brown to reddish-brown sandy silty CLAY, little gravel, moist (CL)
3a b	SS	16						Firm brown fine to coarse SAND and small to large GRAVEL, a few cobbles, trace clay, moist (SW/GW)
4a b	SS	13						
5a b	SS	18						
6	SS	28						
						13.0		
7a b	SS	13						Firm light brown fine to coarse SAND and small to medium GRAVEL, wet (SW/GW)
8a b	SS	16				16.0		Firm gray fine to coarse SAND and small to medium GRAVEL, wet (SW/GW)
9a b	SS	9	22.7	3.75*		18.5		Very tough to tough gray silty CLAY, trace sand and gravel, moist (CL); occasional thin layers of silt and sand
10a b	SS	18	23.4 21.8	3.5* 1.5*				
11a b	SS	10						
						23.0 23.5		
12a b	SS	8						Loose gray fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
13a b	SS	4	28.6 20.1					Very loose to firm gray sandy (fine) SILT, wet (ML) with thin layers of clayey silt between 23.0' to 27.0'
14a b	SS	7						
15a b	SS	9						
						31.0		
16a b	SS	33						Dense to firm grayish-brown sandy clayey SILT, little gravel, very moist (ML); a few wet layers of sand and gravel
17a b	SS	20						
						35.0		
18a b	SS	17				36.0		Firm grayish-brown clayey, silty SAND and GRAVEL, very moist (SC)
						37.0		
19a b	SS	93						Firm grayish-brown fine to coarse SAND and small to medium GRAVEL, trace silt & clay, wet (SW/GW)
20a	SS	34						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

(SEE NEXT PAGE)

Boring Log Continued

DRILL RIG NO. 53

TESTING SERVICE

*-Approximate unconfined compression strength based on measurements wit

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 12 con't West Well DATE STARTED 4-29-80 EXTENDED 5-9-80 DATE COMPLETED 4-29-80 5-9-80 JOB 17,458

G115S
G115D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -15.0'

24 HOURS

While Drilling -13.0'

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40		20b	SS	34						
		21a b	SS	78						Very dense to dense brownish-gray very silty fine to medium SAND, little gravel, trace clay, moist (SM)
		22a b	SS	183						
45		23	SS	100/6"						
		24	SS	100/5"				47.7		Weathered light gray DOLOMITE or BOULDER
50										
55										
60										
65										
70										
75										
80										

End of Boring at 49.0 feet

Bottom of shallow monitoring well was installed at a depth of 18.0 feet and sealed from 2.0 feet to ground surface.

Bottom of deep monitoring well was installed at a depth of 48.5 feet and sealed from 39.0 feet to 36.0 feet

TESTING SERVICE CORPORATION

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 16 (SW WELL) DATE STARTED 5-14-80 DATE COMPLETED 5-14-80 JOB 17,458

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING

24 HOURS

While Drilling -13.0'

6116

Sheet 1 of 2

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	▽ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0								0.5		FILL - Brown clayey TOPSOIL
		1a b	SS	8	24.0 26.3	1.25*				Tough brown silty CLAY, little sand and gravel, moist (CL)
		2a b	SS	15				3.5		Firm to very dense grayish-brown fine to coarse SAND and small to large GRAVEL, damp (SW/GW)
5		3a b	SS	43						
		4a b	SS	19						
		5a b	SS	22						
10		6a b	SS	26				12.0		
▽		7a b	SS	5						Firm to very loose light brown to brown fine to coarse SAND and small to large GRAVEL, moist to wet at -13.0' (SW/GW)
15		8a b	SS	13				16.0		
		9a b	SS	11						Firm grayish-brown fine to coars SAND, some small gravel, wet (SW)
								19.0		
20		10a b	SS	18						Firm to dense grayish-brown fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
		11a b	SS	29						
		12a b	SS	33						
25		13a b	SS	13						
		14a b	SS	21						
								29.0		
30		15a b	SS	17						Firm gray silty fine to coarse SAND, some small to medium grave wet (SM)
		16a b	SS	54				31.0		
		17a b	SS	48						Very dense to firm light gray fine to coarse SAND and small to large GRAVEL, trace silt, wet (SW/GW)
35		18a b	SS	28						
		19a b	SS	56						
								39.0		
40		20a	SS	78/9"						(See next page)

Boring Log Continues

DRILL RIG NO. 72

TESTING SERVICE

*-Approximate unconfined compression strength based on measurements wit

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 16 con't (SW WELL) DATE STARTED 5-14-80 DATE COMPLETED 5-14-80 JOB 17,458

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING

24 HOURS

While Drilling -13.0'

G116

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40			20b	SS	78/9"						Very dense light grayish-brown sandy (coarse) small to large GRAVEL, occasional cobbles, wet (GW)
			21a/b	SS	76/10"						
			22	SS	bounce**						
45			23a/b	SS							BOULDER from -43.0 to -45.0'
			**Driving on boulder End of Boring at -46.0 Feet								Auger refusal at -46.0' attri[illegible] to BEDROCK or BOULDER
50			Bottom of monitoring well installed at a depth of -45.5' and sealed from -2.0' to ground surface.								
55											
60											
65											
70											
75											
80											

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 17 DATE STARTED 5-19-80 DATE COMPLETED 5-19-80 JOB 17,458

G117

ELEVATIONS

GROUND SURFACE _____

END OF BORING _____

WATER TABLE

AT END OF BORING _____

24 HOURS _____

While Drilling -13.0'

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0											
									1.2		FILL - Black clayey TOPSOIL
			1 a/b	SS	88/10"						Very dense brown clayey small to large GRAVEL and fine to coarse SAND, occasional cobbles, moist (GC/CL)
			2	SS	100/4"						
5						24.3	3.0*		5.0		
			3 a/b	SS	16				6.0		Very tough brown silty CLAY, trace sand and gravel, moist (CL)
						21.5					
			4 a/b	SS	16						Firm brown to reddish-brown clayey medium to coarse SAND & small GRAVEL, moist (CL/GC)
									9.0		
10			5 a/b	SS	19						Firm to very dense brown fine to coarse SAND, trace clay, moist to wet at 13.0' (SW)
			6	SS	21						
▽											
			7 a/b	SS	14						
15			8 a/b	SS	66/10"						
			9 a/b	SS	43						
									19.0		
20			10 a/b	SS	8	19.1 20.2					Loose gray SILT, very moist (ML) with seams of silty clay
									21.0		
			11 a/b	SS	78						Very dense to firm gray small to large GRAVEL, fine to coarse SAND and COBBLES, wet (GW)
			12 a/b	SS	118						
25			13 a/b	SS	19						
			14 a/b	SS	49						
30			15 a/b	SS	36	19.8					
									30.5		Dense gray clayey SILT, very moist (ML)
35											
40											

End of Boring at 31.0 feet

Bottom of monitoring well was installed at a depth of 29.0 feet and sealed from 2.0 feet to ground surface.

*Approximate unconfined compressi strength based on measurements w a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 72

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 13 DATE STARTED 5-13-80 DATE COMPLETED 5-13-80 JOB 17,450

G 118S
G 118T

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -16.0'

24 HOURS

While Drilling -15.0'

Sheet 1 of 2

Distance Below Surface in Feet	Length Recovery	Sample No.	Type	N	WC	Q_u	% DRY	Depth	Elev.	Soil Descriptions
0		a			21.5					FILL - Brown and gray silty CLAY, little sand and gravel (CL)
		1b	SS	7	22.1					
		a			30.4			3.5		
		2b	SS	22						Firm to dense grayish-brown fine to coarse SAND and small to large GRAVEL, trace silt to 15.0', moist to wet at 15.0' (SW/GW)
5		a								
		3b	SS	32						
		a								
		4b	SS	28						5" clayey sandy silt seam at 11.0'
10		a								
		5b	SS	12						
		a								
		6b	SS	16						
		a								
		7b	SS	23						
15		a								
		8b	SS	31						
		a								
		9b	SS	17				18.0		Firm gray SILT, little to some fi sand, trace clay, wet (ML)
								19.0		
20		a								
		10b	SS	11				20.5		Loose to firm gray clayey SILT, little fine sand, very moist (ML
								21.0		
		a								
		11b	SS	13						Firm reddish-brown fine to coarse SAND, little gravel, wet (SW)
		a								
25		12b	SS	20						Firm brown fine to coarse SAND and small to large GRAVEL, wet (SW/GW)
		a								
		13b	SS	28				27.0		
		a								
		14b	SS	22						Firm brown fine to coarse SAND, little to trace small to medium gravel, wet (SW)
30		a								
		15b	SS	23						
		a								
		16b	SS	23						
		a								
35		17b	SS	34						
		a								
		18b	SS	27						
		a								
		19b	SS	51						Very tough grayish-brown silt CLAY, little sand and gravel, moist (CL
								39.0		
40		20a	SS	26	22.5	2.75*				

TESTING SERVICE CORPORATION

Boring log continued

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBAR

BORING Sta. 13 DATE STARTED 5-13-80 DATE COMPLETED 5-13-80 JOB 17,45

G1185
G118D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -16.0'

24 HOURS

While Drilling -15.0'

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40		20b	SS	16	13.1	4.5+				Hard to tough brownish-gray to gray silty CLAY, little to some sand and small gravel, moist (CL) 6" sandy silt seam at 39.5'; sand pockets from 45-47'
		a			13.3	3.50				
		21b	SS	33	13.2	4.25				
		a			10.6	4.5+				
45		22b	SS	32	12.5	4.00				
		a			13.8	1.50				
		23b	SS	35	14.2	1.50				
		a			14.2	3.75				
		24b	SS	36	12.8	4.5+				
		a			14.6	2.00		50.0		
50		25b	SS	43				51.0		Dense gray SILT, trace fine sand and clay, very moist (ML)
		a								Layers of very tough gray silty C moist (CL) and firm gray clayey S very moist (ML) occasional sand a silt seams
		26b	SS	22	18.6	2.00				
		a			19.1	2.25		53.5		
		27b	SS	116/10"				54.2		Dense gray medium to coarse SAND and small GRAVEL, wet (SW); 3" very dense sandy silt seam at 54'
55										Weathered light gray DOLOMITE or BOULDER
60										
65										
70										
75										
80										

End of boring at 57.0'

Bottom of shallow monitoring well was installed at a depth of 21.0' and sealed from 4.0' to ground surface

Bottom of deep monitoring well was installed at a depth of 56.5' and sealed above 45.0'

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 14 DATE STARTED 5-15-80 DATE COMPLETED 5-15-80 JOB 17,455

G119

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -25.0'

24 HOURS

While Drilling -13.0' **

Distance Below Surface In Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0									1.0		FILL - Dark brown silty CLAY, some sand & gravel (CL)
			a 1b	SS	29						Firm grayish-brown fine to coarse SAND and small to medium GRAVEL, moist to wet at 13.0' (SW/GW); sandy silt layers from 13.5' to 14.5'; 3" seam of brown silty clay at 14.7'
			a 2b	SS	16						
5			a 3b	SS	17						
			a 4b	SS	17						
10			a 5b	SS	18						
			a 6b	SS	17						
			a 7b	SS	17				15.0		
15			a 8b	SS	13	15.3 / 15.6	3.00 / 3.75	* / *			Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL)
			a 9b	SS	22	18.8 / 18.3	4.5+ / 4.5+	* / *			
20			a 10b	SS	15	17.7 / 13.4	2.75 / 2.25	* / *	20.0		Layers of very tough brownish-gray very silty CLAY (CL); very tough to hard gray silty CLAY (CL) and f[illegible] brownish-gray clayey SILT (ML); trace sand and gravel, moist
			a 11b	SS	24	11.7 / 15.6	4.5+	* / *	23.0		
25			a 12b	SS	29	18.8 / 18.2	4.5+ / 4.5+	* / *			Hard to very tough gray silty CLAY, trace sand and gravel, moist (CL)
			a 13b	SS	30	19.1 / 17.8	4.5+ / 4.5+	* / *			
			a 14b	SS	77	19.1 / 13.8	3.00	*	28.0		Layers of very dense gray clayey SILT (ML) and hard gray very silty CLAY (CL); trace sand and gravel, moist; 4" seam of sandy silt @ 28.
30			a 15b	SS	63	10.2 / 13.3	4.5+	*			
35											
40											

End of Boring at 31.0 feet

Bottom of monitoring well was installed at a depth of 18.0' and sealed from 2.0' to ground surface.

** Free water did not enter the H.S. auger until several feet below thi depth, but the material in the sampler was wet below this depth.

* Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 15 DATE STARTED 5-15-80 DATE COMPLETED 5-16-80 JOB 17,458

G120S
G120D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -40.0'

24 HOURS

While Drilling -51.0'

Sheet 1 of

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0		a 1b	SS	12	9.0			3.0		FILL - Brown and gray silty CLAY (CL) and clayey SILT (ML); some sand and gravel; cobble from 2.5' to 3.0'
5		2	SS	24						Firm to dense light grayish-brown sandy (fine to coarse) small to large GRAVEL, trace silt, damp (GW)
		3	SS	31						
		4	SS	13				9.0		
10		a 5b	SS	13						Firm to loose light grayish-brown fine to coarse SAND and small to medium GRAVEL, trace silt, damp (SW/GW)
		a 6b	SS	9				13.0		
		a 7b	SS	7				15.0		Loose light grayish-brown fine to coarse SAND, little small gravel, moist (SW)
15		a 8b	SS	13						Firm to loose light grayish-brown fine to coarse SAND and small to medium GRAVEL, damp (SW/GW)
		a 9b	SS	5						
20		a 10b	SS	11	14.6	4.5+	*	20.5		
		a 11b	SS	17	12.4 13.4	3.00 3.50	* *	21.0		Hard brown very silty CLAY, little gravel, trace sand, moist (CL)
25		a 12b	SS	26	11.8 12.4	4.50	*			Very tough to hard gray very silty CLAY, trace sand and gravel, moist (CL); occasional silt seams below 33.0'
		a 13b	SS	25	11.9 12.8	4.25 4.00	* *			
		14	SS	34	12.5	3.50	*			
30		a 15b	SS	22	16.9 15.7	4.50 4.50	* *			
		a 16b	SS	24	16.6 16.4	4.5+ 4.5+	* *			
		a 17b	SS	22	16.1 16.9	4.5+ 4.5+	* *			
35		a 18b	SS	50	16.3	4.5+	*	35.5		Very dense to firm gray SILT, trac to little clay, trace sand and gravel, moist (ML); 5" silty clay seam at 37.5'; occasional wet sand seams below 38.5'
		a 19b	SS	24	16.4					
40		20a	SS	32						

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

Boring Log Continued

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBARD

BORING Sta. 15 DATE STARTED 5-15-80 DATE COMPLETED 5-16-80 JOB 17,458

G120S
G120D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -40.0'

24 HOURS

While Drilling -51.0'

Distance Below Surface in Feet	Length Recovery	Sample No.	Type	N	WC	Q_u	% DRY	Depth	Elev.	Soil Descriptions
40		20b	SS	32						Dense to very dense gray very clayey SILT, little to some sand and gravel, moist (ML); occasional wet sand seams; 10" layer of gray silty clay at 43.0'; 10" sandy silt layer at 45.2'
		a			8.4					
		21b	SS	37	8.3					
		a			15.3	4.5+	*			
		22b	SS	55	8.9					
45								46.0		
		a					*			
		23b	SS	44	12.2	4.5+				Hard gray silty CLAY, little sand and gravel, moist (CL)
		a			11.9	4.5+	*			
		24b	SS	34	12.3	4.25	*			
		a			13.7	4.50	*			
50		25b	SS	28	14.0	4.5+	*	51.0		
		a								Firm to dense gray fine SAND, wet (SP); occasional silt and silty sand seams
		26b	SS	18						
		a								
		27b	SS	38						
55		a								
		28b	SS	44				56.5		Dense gray fine to coarse SAND, trace silt, wet (SW)
		a						58.5		Hard gray silty CLAY, trace sand gravel, moist (CL) with layers of fine to coarse SAND, trace silt, wet (SW)
		29b	SS	42	14.1	4.25	*			
		a								
60		b			13.0	4.00	*	60.0		
		30c	SS	29						
		a			15.7					Dense to very dense gray clayey very sandy SILT, little gravel, moist (ML); occasional seams of silty clay and sand
		31b	SS	38	11.9					
		a								
		32b	SS	174						
65		a								
		33b	SS	87				66.8		Firm to very dense fine to coarse SAND, wet (SW); 6" sandy silt seam at 69.5'
		a								
		34b	SS	12						
		a								
70		35b	SS	128						
								71.0		Very dense gray clayey very sandy SILT, little gravel, moist (ML) occasional sand seams; boulder from 72.5' to 73.5'
		a								
		36b	SS	149/11"						
								73.5		
75										Very dense gray sandy (fine) S very moist (ML); occasional se of silty fine sand and clayey cobble at 79.4'
		a								
		37b	SS	106						
		a								
		38b	SS	162/11"						
		39	SS	100/5"**						
80										

** - Driving on Cobble

TESTING SERVICE CORPORATION

Boring Log Continued

PROJECT TEST BORINGS & MONITORING STATIONS, BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE COUNTY, 881 W. ST. CHARLES RD., LOMBA

BORING Sta. 15 DATE STARTED 5-15-80 DATE COMPLETED 5-16-80 JOB 17,45

G1205
G120D

ELEVATIONS

GROUND SURFACE

END OF BORING

WATER TABLE

AT END OF BORING -40.0'

24 HOURS

While Drilling -51.0'

SHEET 3 of 3

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
80									81.0		Very dense gray sandy (fine) SILT very moist (ML)
			a 40b	SS	85						Very dense gray fine to coarse SAND and small to large GRAVEL, trace silt above 82.0', wet (SW/GW)
			41	SS	100/3"				83.0		Weathered light gray DOLOMITE or BOULDER
85											
90											
95											
100											
105											
110											
115											
120											

Auger Refusal at 84.0'.

End of Boring at 84.0'.

Bottom of shallow monitoring well was installed at a depth of 58.0' and sealed at 40.0'.

Bottom of deep monitoring well was installed at a depth of 84.0' and sealed below 60.0'.

*Approximate unconfined compressio strength based on measurements wi a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 53

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING G-121 DATE STARTED 4-29-82 DATE COMPLETED 5-03-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 702.2

END OF BORING 682.2

WATER TABLE

AT END OF BORING CAVE @ - 5.0 FEET

24 HOURS

WHILE DRILLING - 9.5 FEET

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	16				0.6	701.6	Black clayey TOPSOIL
						2.0	700.2	Stiff brown sandy CLAY, some silt, some gravel, moist (CL)
2	SS	9				4.0	698.2	Loose brown fine SAND, little small gravel, damp (SP)
3	SS	33				6.0	696.2	Dense light brown small to large GRAVEL and medium to coarse SAND, damp (GW-SW)
4	SS	75				8.0	694.2	Very dense brown sandy(medium to coarse) small to large GRAVEL and COBBLES, a few boulders, damp(GW)
5	SS	48				10.0	692.2	Dense brown medium to coarse SAND and small to large GRAVEL, a few boulders, saturated (SW-GW)
6	SS	33						Dense to firm brown medium to coarse SAND and small to large GRAVEL, a few boulders, saturated (SW-GW)
7	SS	11						
8	SS	29						
9	SS	21				16.0	686.2	Firm brown sandy coarse small to large GRAVEL and COBBLES, a few boulders, saturated (GW)
10	SS	16						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at -20.0 Feet

NOTES: The bore hole for the monitoring well installation was made by the rotary method using revert. The well was backflushed with fastbreak and clear water.

Bottom of plastic screen: 20'
Top of plastic screen: 15'
Gravel backfill from 20' to 6'
Bentonite pellets from 6' to 4'
Backfill above bentonite

Well purged with submersible pump on May 4, 1982

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING G-122 DATE STARTED 4-29-82 DATE COMPLETED 4-30-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 704.8

END OF BORING 678.8

WATER TABLE

AT END OF BORING -11.0 FEET

24 HOURS

WHILE DRILLING -15.0 FEET

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1a b	SS	8				0.5	704.3	FILL - Black clayey TOPSOIL
						1.5	703.3	FILL - Brown clayey fine to medium SAND, little silt, moist (SC)
2a b	SS	19				3.5	701.3	FILL - Brown silty CLAY, little sand and gravel, moist (CL)
3a b	SS	37				5.5	699.3	FILL - Brown, black and gray silty CLAY, little sand and gravel, moist (CL)
4	SS	34						FILL - Brownish-gray silty CLAY, trace gravel, occasional sand seams, moist (CL)
5	SS	19				8.0	696.8	3" sand and gravel seam @ -5.5'
6	SS	10				10.0	694.8	FILL - Brown sandy CLAY, some silt, little small gravel, moist (CL)
7	SS	31				12.5	692.3	Firm gray light brown and brown sandy SILT, some small to medium gravel, moist (ML)
8	SS	31				14.0	690.8	Dense gray medium to coarse SAND and small to large GRAVEL, very moist (SW-GW)
9	SS	26						
10	SS	20				19.0	685.8	Dense to firm gray coarse SAND and small to large GRAVEL, saturated (SW-GW)
11	SS	23						Firm brown coarse SAND and small to large GRAVEL, saturated (SW-GW)
12	SS	19				22.0	682.8	Firm to dense light brown fine to coarse SAND and small to medium GRAVEL, saturated (SW-GW)
13	SS	31						

Distance Below Surface in Feet

End of Boring at -26.0 Feet

NOTES: The bore hole for the monitoring well installation was made by the rotary method using revert. The well was backflushed with fastbreak and clear water.

Bottom of plastic screen: 25.5'
Top of plastic screen: 20.5'
Granular material caved around pipe to 15'

Well purged with submersible pump on May 4, 1982

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT LEACHATE MONITORING WELLS, BLACKWELL FOREST PRESERVE, DUPAGE COUNTY, ILL.

CLIENT FOREST PRESERVE DIST. OF DUPAGE CO., P.O. BOX 2339, GLEN ELLYN, ILL.

BORING G-123 DATE STARTED 4-29-82 DATE COMPLETED 5-03-82 JOB 18,766

ELEVATIONS

GROUND SURFACE 706.2

END OF BORING 682.2

WATER TABLE

AT END OF BORING -10.5 FEET

24 HOURS

WHILE DRILLING -12.0 FEET

SAMPLE NO.	TYPE	N	WC	Q_u	DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.5	705.7	FILL - Black clayey TOPSOIL
1a b	SS	39				1.5 / 2.0	704.7 / 704.2	FILL - Gray small to large GRAVEL, some coarse sand, moist (GW)
2a b	SS	27				3.5	702.7	FILL - Gray silty CLAY, trace gravel moist (CL)
3	SS	53				5.5 / 6.0	700.7 / 700.2	FILL - Brown silty CLAY, little gravel, moist (CL)
4	SS	93						Very dense brown small to large GRAVEL, some coarse sand, damp (GW)
5	SS	49						Very dense light brown large GRAVEL and COBBLES, little sand, damp (GP)
6	SS	64				12.0	694.2	Very dense to dense light brown small to large GRAVEL, COBBLES, BOULDERS and fine to coarse SAND, damp (GW-SW)
7	SS	39						Dense brown fine to coarse SAND and small to medium GRAVEL, saturat (SW-GW)
8	SS	33				16.0	690.2	
9	SS	50/6"				17.0	689.2	Very dense brown fine to coarse SAND and small to large GRAVEL, saturated (SW-GW)
10	SS	50						Dense to firm brown and gray mediu to coarse SAND and small to large GRAVEL, saturated (SW-GW)
11a b	SS	22				21.5	684.7	Firm gray SILT, trace sand, satur (ML)
12a b	SS	46				22.5	683.7	Dense gray small to large GRAVEL COBBLES, some coarse sand, satura (GW)

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at -24.0 Feet

NOTES: The bore hole for the monitoring well installation was made by the rotary method using revert. The well was backflushed with fastbreak and clear water.

Bottom of plastic screen: 21.5'
Top of plastic screen: 16.5'
Granular backfill from 21.5' to 7'
Bentonite pellets from 7' to 5'
Backfill above bentonite

Well purged with submersible pump on May 4, 1982

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P.O. 2339, GLEN ELLYN, ILLINOIS

BORING G-124 DATE STARTED 6-15-84 DATE COMPLETED 6-15-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 712.9

END OF BORING 692.9

LOCATION: 15 + 32 N
16 + 26 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -11.0 Feet

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1 A/B	SS	6				1.0	711.9	FILL: Dark brown sandy (fine) clayey SILT (ML)
2	SS	16						Firm light brown fine SAND, trace to some silt, trace roots, moist (SM)
3 A/B	SS	19						Layers of sandy silt below 5' (Sample 3B)
4 A/B	SS	18				7.0	705.9	
5 A/B	SS	31	27.7 -	3.0* -		8.0 / 8.7	704.9 / 704.2	Firm grayish-brown clayey SILT, trace roots (ML)
6 A/B	SS	45				11.0	701.9	Very tough brownish-gray silty CLAY, trace sand and gravel, moist (CL)
7	SS	21				13.7	699.2	Dense brown-gray silty gravelly SAND, moist (SM)
8	SS	32	14.3	2.25*				Firm brown gravelly (small) fine to coarse SAND, wet (SW)
9	SS	29	14.3	3.25*				Very tough grayish-brown silty CLAY, trace sand and gravel, moist (CL)
10	SS	28	19.7	3.0*				

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at - 20.0 Feet

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

1. Bore hole made by hollowstem auger method.
2. Backfilled to 14.5'.
3. Bottom of 10' PVC screen at 14.5'.
4. Gravel pack from 14.5' to 4.5'.
5. Bentonite pellets from 4.5' to 1.5'.
6. Steel protective pipe concreted into place over well casing.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P.O. 2339, GLEN ELLYN, ILLINOIS

BORING G-125 DATE STARTED 6-15-84 DATE COMPLETED 6-15-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 713.1

END OF BORING 699.1

LOCATION: 16 + 24 N
13 + 12 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING DRY

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0		1	SS	44						FILL; Brown clayey very sandy SILT, some gravel (ML-CL)
		2	SS	19				3.7	709.4	Dense brown gravelly (small to medium) fine to coarse SAND, trace silt and clay, occasional thin clayey sand and gravel seams, moist (SW-SM)
5		3	SS	49				6.0	707.1	
		4	SS	43				8.0	705.1	Dense brown gravelly (small to medium) fine to coarse SAND, very moist (SW)
10		5	SS	27	14.0	4.5*				
		6	SS	73	16.0	4.5+*				Hard gray silty CLAY, trace sand and gravel, moist (CL)
		7	SS	30	17.8	4.5+*				
15										
20										
25										
30										
35										
40										

End of Boring at - 14.0 Feet

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

1. Bore hole made by hollowstem auger method.
2. Backfilled to 9'.
3. Bottom of 5' PVC screen at 9'.
4. Gravel pack from 9' to 3.5'.
5. Bentonite pellets from 3.5' to 0.5'.
6. Steel protective pipe concreted into place over well casing.

This bore hole was dry during and at completion of drilling. The well was installed temporarily on 6-15-84 to see if it would produce water. On 6-19, water was observed inside the casing and the well was permanently installed.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G-126 DATE STARTED 6-18-84 DATE COMPLETED 6-18-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 703.4

END OF BORING 683.4

LOCATION: 2 + 56 S
11 + 18 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -10.0 Feet

LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
		1A	SS	18	18.1			1.5	701.9	FILL: Dark brown clayey TOPSOIL (OH)
		1B			26.9					
		2A	SS	45	19.9			3.0	700.4	FILL: Brown silty CLAY, some sand, trace gravel (CL)
		2B			–					
		3	SS	85						Very dense brown fine to coarse SAND and small to large GRAVEL, occasional cobbles and boulders, moist to wet; 4" silt seam encountered at 8' (SW-GW)
		4	SS	50/5"						
		5	SS	50/6"						
		6	SS	24				10.0	693.4	Firm grayish-brown medium to coarse SAND, little gravel, wet (SP)
		7	SS	13						
		8	SS	15						
		9	SS	20				16.0	687.4	Firm to dense gray and brown fine to coarse SAND and small to large GRAVEL, occasional thin silt seams, wet (SW-GW)
		10	SS	42						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at - 20.0 Feet

MONITORING WELL NOTES

1. Bore hole made by hollowstem auger method.
2. Bottom of 10' PVC screen at 17 3/4'.
3. Gravel pack from 17 3/4' to 4'.
4. Bentonite pellets from 4' to 1'.
5. Steel protective pipe concreted into place over well casing.

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G-127 DATE STARTED 6-18-84 DATE COMPLETED 6-18-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 705.0

END OF BORING 685.0

LOCATION: 3 + 05 S
14 + 05 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -11.0 Feet

SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	61/9"	17.2			15"	703.8	FILL: Dark brown clayey TOPSOIL, trace sand and gravel (OH)
2A/B	SS	27	17.7 / -					FILL: Brown, gray and black silty CLAY, some sand, little gravel (CL) Clayey sand and gravel layer encountered at 3.5' (Sample 2B)
3	SS	16	22.1					
** 4	SS	15	21.1			6.5	698.5	
						8.0	697.0	Brown silty CLAY, trace sand and gravel, moist (CL)
5	SS	34						
						10.0	695.0	Dense brown fine to coarse SAND and small to large GRAVEL, moist (SW/GW)
6	SS	32	21.2					
						12.0	693.0	Dense brown and gray SILT, trace clay and fine sand, very moist; occasional wet sandy silt seams (ML)
7A/B	SS	21	22.3 / -	1.75* / -		13.0	692.0	
8	SS	22						Tough gray silty CLAY, moist (CL): occasional thin wet sand seams
9	SS	34						Firm to dense brown to brownish-gray fine to coarse SAND and GRAVEL, wet (SW/GW)
10	SS	30						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

End of Boring at - 20.0 Feet

**Poor sample; driving on piece of gravel.

*-Approximate unconfined compres. strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

1. Bore hole made by solid auger method and reamed by rotary method using 6" bit and Revert.
2. Bottom of 10' PVC screen at 19'.
3. Backflushed with clean water.
4. Gravel pack from 19' to 8'.
5. Bentonite pellets from 8.0' to 2.0'.
6. Steel protective pipe concreted into place over well casing.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G-128 DATE STARTED 6-19-84 DATE COMPLETED 6-22-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 705.9

END OF BORING 649.9

LOCATION: 1 + 88 S
17 + 16 W

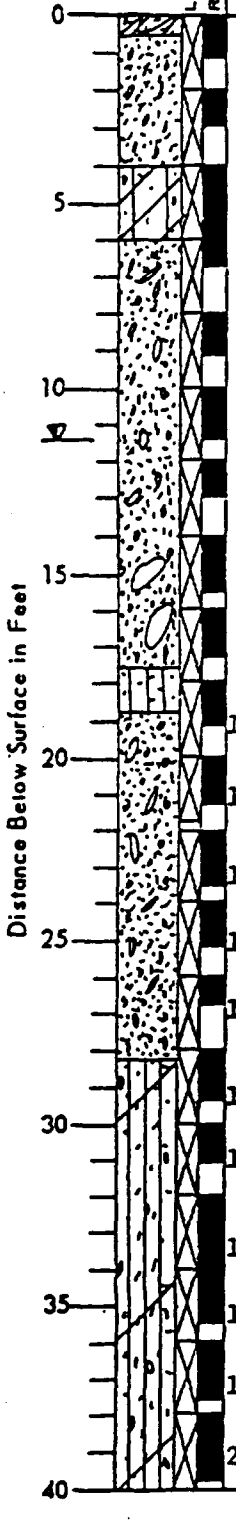
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -11 1/2 Feet

SHEET 1 OF 3



SAMPLE NO.	TYPE	N	WC	Q_u	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1 A/B	SS	20	27.7			7"	705.3	Black clayey TOPSOIL, trace sand and gravel (OH)
2	SS	34				4.0	701.9	Firm to dense brown gravelly (small to large) fine to coarse SAND, moist (SW)
3	SS	27	18.6	2.5*		6.0	699.9	Very tough brown silty CLAY, little sand and gravel, moist (CL
4	SS	51						
5	SS	48						
6 A/B	SS	40						Dense to very dense brown fine to coarse SAND and small to large GRAVEL, a few cobbles, occasional boulders below 14', moist to wet (SW/GW)
7	SS	41						
8	SS	71						
9	SS	63				17.7	688.2	
10 A/B	SS	62				18.8	687.1	Very dense gray SILT, trace clay and sand, very moist (ML)
11	SS	66						Very dense to dense gray fine to coarse SAND, small to large GRAVEL and COBBLES, wet (SW/GW)
12	SS	58						
13	SS	46						
14	SS	50						
						28.2	677.7	
15	SS	16						Firm to very dense gray sandy SILT, some gravel, trace clay, moist (ML)
16	SS	48						
17	SS	75						
18	SS	60						
19	SS	43						
20	SS	32						

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G-128 cont. DATE STARTED 6-19-84 DATE COMPLETED 6-22.84 JOB 20,530

ELEVATIONS

GROUND SURFACE 705.9

END OF BORING 649.9

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -11 1/2 Feet

SHEET 3 OF 3

LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	%DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS

G - 128I

1. New bore hole drilled by rotary method using 6" bit and Revert.
2. Bottom of 10' PVC screen at 29 3/4'.
3. Backflushed with clean water.
4. Gravel pack from 29 3/4' to 19'.
5. Bentonite pellets from 19' to 16'.
6. Bentonite slurry from 16' to 3'.
7. Steel protective pipe concreted into place over well casing.

G - 128S

1. New bore hole drilled by rotary method using 6" bit and Revert.
2. Bottom of 10' PVC screen at 17'.
3. Backflushed with clean water.
4. Gravel pack from 17' to 6'.
5. Bentonite pellets from 6' to 2'.
6. Steel protective pipe concreted into place over well casing.

Distance Below Surface in Feet

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G - 129 DATE STARTED 6-25-84 DATE COMPLETED 6-25-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 700.9

END OF BORING 682.9

LOCATION: 1 + 70 N
20 + 35 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -8.0 Feet

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0		1A	SS	9	29.9	-		0.5	700.4	Black to dark brown clayey TOPSOIL (OH)
		1B			22.2	2.0*				
		2A	SS	38	30.5	1.25*		3.0	697.9	Very tough to tough brown silty CLAY, trace sand, gravel and organic, moist (CL)
		2B			21.9	-				
5		3	SS	8	21.5	-				Brown sandy silty CLAY, little gravel, moist (CL)
		4	SS	9	22.4	-				
								8.0	692.9	
10		5	SS	75						Very dense to firm gray fine to coarse SAND and small to large GRAVEL, a few cobbles, wet; 3" clay seam at 13 1/2' (SW/GW)
		6	SS	77						
		7	SS	30						
15		8	SS	26						
		9	SS	60						
20										
25										
30										
35										
40										

End of Boring at - 18.0 Feet

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

1. Bore hole initially advanced by solid auger, but was completed by the rotary method using a 6" bit and Revert.
2. Bottom of 10' PVC screet at 17.5'.
3. Backflushed with clean water.
4. Gravel pack from 17.5' to 6'.
5. Bentonite pellets from 6' to 2'.
6. Steel protective pipe concreted into place over well casing.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G - 130 DATE STARTED 6-25-84 DATE COMPLETED 6-25-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 708.6

END OF BORING 685.2

LOCATION: 7 + 92 N
17 + 31 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -14.0 Feet

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
0		1 A	SS	12	56.2	-		0.7	707.9	Black to dark brown clayey TOPSOIL (OH)
		1 B			22.9	4.25*				
		2	SS	26	22.4	4.0*				Hard brown silty CLAY, trace sand and gravel, moist (CL)
5		3	SS	25				4.5	704.1	
		4	SS	38						
		5	SS	58						
10		6	SS	48						Firm to very dense brown medium to coarse SAND and small to large GRAVEL, damp to wet (SW/GW)
		7	SS	85						
15		8	SS	88						
		9	SS	18						
20		10	SS	24						
		11	SS	34						
		12	SS	71/11"						
25										
30										
35										
40										

End of Boring at - 23.4 Feet

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

1. Bore hole initially advanced by solid auger, but was completed by the rotary method using a 6" bit and Revert.
2. Bottom of 10' PVC screen at 23'.
3. Backflushed with clean water.
4. Gravel pack from 23' to 5'.
5. Bentonite pellets from 5' to 2'.
6. Steel protective pipe concreted into place over well casing.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-131 DATE STARTED 4-1-85 DATE COMPLETED 4-8-85** JOB 21,288

ELEVATIONS

GROUND SURFACE 704.5

END OF BORING 661.5

LOCATION: 685.3 S
1725.2 W

** Date of well completion

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -10.5 Feet

SHEET 1 OF 2

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

SAMPLE NO.	TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	15	31.9			0.5	704.0	FILL: Black clayey TOPSOIL (OL)
2	SS	50/3"	25.9	(TOP)		2.5	702.0	FILL: Brown silty CLAY, some sand and gravel, trace topsoil (CL)
3	SS	53						FILL or DISTURBED: Brown silty fine to coarse SAND and small to large GRAVEL (SM/GM)
4	SS	70						
5	SS	50				8.5	696.0	
6	SS	42						Dense to firm brown fine to coarse SAND and small to medium GRAVEL, moist to wet (SW/GW)
7	SS	26						
8	SS	11						
9	SS	21				16.3	688.2	
10	SS	28						Firm to dense brown to gray fine to medium SAND, little to trace gravel, wet (SP)
11	SS	34						
12	SS	24				24.0	680.5	
13	SS	87						Very dense to firm gray medium to coarse SAND and small to large GRAVEL with cobbles and boulders, wet (SW/GW)
14	SS	29						
15	SS	72/8"						
16A B	SS	34	14.2	3.25*		31.5	673.0	Very tough to hard gray silty CLAY, little sand and gravel, moist (CL)
17	SS	53	16.6	4.25*		35.0	669.5	
18	SS	44						Dense to firm layers of gray fine SAND and SILT, trace gravel, moist (SP,ML)
19A B	SS	26				38.0	666.5	
20A	SS	47						Firm to dense gray silty SAND, some gravel, moist (SM)

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-131 Cont. DATE STARTED 4-1-85 DATE COMPLETED 4-8-85** JOB 21,288

ELEVATIONS

GROUND SURFACE 704.5

END OF BORING 661.5

LOCATION: 685.3 S
1725.2 W

** Date of well completion

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: -10.5 Feet

SHEET 2 of 2

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40			20B	SS	47						Firm to dense gray silty SAND, some gravel, moist (SM)
			21	SS	50/3"						
45											BEDROCK: DOLOMITE, weathered near top
50											
55											
60											
65											
70											
75											
80											

End of Boring at -53.0 Feet

DRILLING AND MONITORING WELL INSTALLATION NOTES

TWO WELLS INSTALLED IN BEDROCK:

Original pilot hole sampled and drilled by rotary method using Revert and 3 3/4" bit. A second hole was drilled by same method. Both holes were reamed with an 8" bit to the desired depth. 4" PVC riser pipe was installed in each hole. Cement grout with bentonite was pumped through drill rod lowered to the bottom of the hole. The entire annular space plus inside of bottom of PVC pipe was filled with grout. After allowing several days for the grout to set, the holes were advanced deeper into rock with a 3 3/4" bit. The open hole (in rock) and casing for each well was flushed with Fastbreak and clean water. A steel protector pipe was concreted into place over each well.

G-131D

1) Bottom of 8" hole and PVC casing: 43'
2) Bottom of uncased open hole: 53'

G-131DD

1) Bottom of 8" hole and PVC casing: 53'
2) Bottom of uncased open hole: 63'

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-132 DATE STARTED 4-3-85 DATE COMPLETED 4-9-85** JOB 21,288

ELEVATIONS

GROUND SURFACE 724.7

END OF BORING 631.7

OCATION: 1187.9 N
544.5 W

** Date of well completion

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -23.0 Feet

SHEET 1 OF 3

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.7	724.0	FILL: Black clayey TOPSOIL (OL)
1	SS	NO RECOVERY				1.5	723.2	FILL: BOULDERS and COBBLES
2	SS	55						
3	SS	53						
4	SS	64						Very dense to firm brown silty SAND and small to large GRAVEL, few cobbles and boulders, little to some clay, moist to wet (SM/GM)
5	SS	62						
6	SS	51						
7	SS	78						
8	SS	36						
9	SS	43						
10	SS	44						
11	SS	42						
12	SS	27						
						24.5	700.2	
13	SS	27						Firm brown fine to coarse SAND and small GRAVEL, saturated (SP)
14 A B	SS	50				27.5	697.2	
15	SS	47						Dense brown fine sandy SILT, occasional small gravel, saturated (ML)
						30.2	694.5	
16	SS	24	16.3	2.75*				Tough to hard gray silty CLAY, trace to little sand and gravel, moist (CL)
17	SS	42	19.5	2.5*				
18	SS	32	20.3	2.25*				(6" COBBLE - 32' - 32 1/2')
19	SS	49	24.7	1.0*				
						38.5	686.2	
20	SS	18	16.8	2.5*				Hard gray very silty CLAY, some sand and gravel, moist (CL/ML)

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-132 Cont. DATE STARTED 4-3-85 DATE COMPLETED 4-9-85** JOB 21,288

ELEVATIONS

GROUND SURFACE 724.7

END OF BORING 631.7

LOCATION: 1187.9 N 544.5 W

** Date of well completion

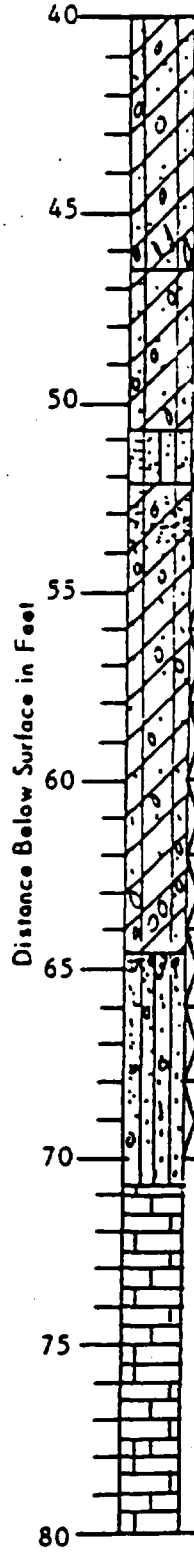
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: -23.0 Feet

SHEET 2 of 3



SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
21	SS	39	10.6	4.5+*				Hard gray very silty CLAY, some sand and gravel, moist (CL/ML)
22	SS	59	10.4	4.5+*				
23	SS	41	12.9	4.25*				(COBBLE - 46' - 46 1/2')
						46.5	678.2	
24	SS	46	11.3	3.0*				Hard gray silty CLAY, trace sand and gravel, moist (CL)
25	SS	49	14.9	3.5*				
26 A/B	SS	36/11	25.2	3.75*		50.8	673.9	
						52.3	672.4	Very dense gray SILT, little to some fine sand, saturated (ML)
27	SS	40	19.6	3.0*				
28	SS	51	12.7	3.25*				
29	SS	34	12.2	2.25*				Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL)
30	SS	32	13.0	2.75*				(Thin sand layer - 53 1/2' to 53 3/4')
31	SS	30	13.2	2.75*				
32	SS	38						
33 A/B	SS	66	10.7 -	2.25* -		64.5	660.2	
34	SS	36/10						Dense brown gray fine sandy SILT, little gravel, moist
35	SS	65/5						(3" sand and gravel layer between 63 3/4' to 66')
36	SS	100/4				70.8	753.9	
								BEDROCK: Gray DOLOMITE

Distance Below Surface in Feet: 40, 45, 50, 55, 60, 65, 70, 75, 80

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-132 Cont. DATE STARTED 4-3-85 DATE COMPLETED 4-9-85** JOB 21,288

ELEVATIONS

GROUND SURFACE 724.7

END OF BORING 631.7

LOCATION: 1187.9 N
544.5 W

** Date of well completion

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -23.0 Feet

SHEET 3 OF 3

DISTANCE BELOW SURFACE IN FEET	LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
80											
85											BEDROCK: Gray DOLOMITE
90											
95											
100											
105											
110											
115											
120											

End of Boring at -93.0 Feet

DRILLING AND MONITORING WELL INSTALLATION NOTES FOR G-132D & G-132DD:

Original pilot hole was drilled and sampled by rotary method using 3 3/4" bit and Revert to a depth of 73'. A second hole was drilled from 0' to the NW by the same method to a depth of 83'. Both holes were reamed with an 8" bit. 4" solid PVC riser pipe was installed in each hole. Cement grout with bentonite was pumped through drill rod lowered to the bottom of the hole. The entire annular space plus inside of bottom of PVC pipe was filled with grout. After allowing several days for grout to set, the holes were advanced deeper into rock with a 3 3/4" bit. The open hole (in rock) and casing for each well was flushed with clean water. A steel protector pipe was concreted into place over each well.

G-132D: Bottom of cased well: 73'
Bottom of open hole: 83'

G-132DD: Bottom of cased well: 83'
Bottom of open hole: 93'

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-133 DATE STARTED 4-9-85 DATE COMPLETED 4-16-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 706.0

END OF BORING 633.0

LOCATION: 614.5 S
2089.7 W

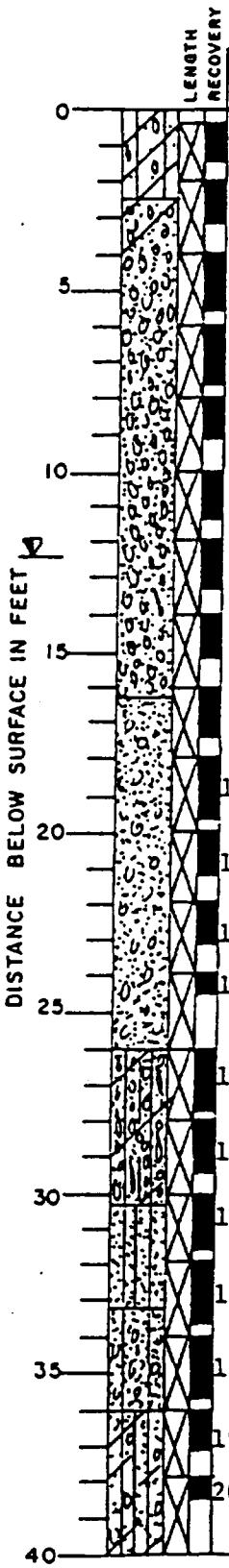
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -12.5 Feet

SHEET 1 OF 3



SAMPLE NO.	TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	19	30.7	2.5*				FILL: Brown to dark brown silty CLAY, little sand and gravel, moist (CL)
2 A B	SS	28	14.7			2.5	703.5	
3	SS	42						Firm to very dense brown fine to coarse SAND and small to medium GRAVEL mixed with a little brown clay between 2.5' - 3.5', moist to saturated at 12.5' (SP)
4	SS	30						
5	SS	43						
6	SS	58						
7	SS	57						
8	SS	35						
9	SS	35				16.2	689.8	Firm to very dense brown and gray fine to coarse SAND and small gravel, saturated (SP)
10	SS	26						
11	SS	25						
12	SS	27						
13	SS	50/5				26.0	680.2	
14	SS	37						Dense to very dense gray medium to coarse SAND and small to large GRAVEL, occasional cobble, little to some silt and clay (SP-GP)
15	SS	52						
16	SS	46				30.2	675.8	Dense brownish gray firm SAND, little silt, saturated (SM)
17 A B	SS	47				33.2	672.8	Dense to very dense gray silty SAND, little gravel, saturated (SM)
18	SS	48				36.0	670.0	Very dense gray sandy SILT, little gravel, trace clay, moist (ML)
19	SS	71						
20	SS	50/6						

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-133 DATE STARTED 4-9-85 DATE COMPLETED 4-16-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 706.0

END OF BORING 633.0

LOCATION: 614.5 S
2089.7 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: -12.5 Feet

Distance Below Surface in Feet	LENGTH	RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40			21 A B	SS	100/10"				40.8	665.2	Very dense gray sandy SILT, little gravel, trace clay, moist (ML)
			22	SS	50/5"						
45											
50											
55											BEDROCK: Gray DOLOMITE
60											
65											
70											
75				End of Boring at -73.0 Feet							
80											

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-133 DATE STARTED 4-9-85 DATE COMPLETED 4-16-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 706.0

END OF BORING 633.0

LOCATION: 614.5 S
2089.7 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -12.5 Feet

SHEET 3 OF 3

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS

DISTANCE BELOW SURFACE IN FEET: 80, 85, 90, 95, 100, 105, 110, 115, 120

DRILLING AND MONITORING WELL INSTALLATION NOTES:

One Well Installed in Outwash Material

G-133S: Borehole was reamed with 8" rotary bit using Revert. The bottom of the 10' PVC screen was installed at 21.0'. Gravel packed from 21.0' to -9.0 feet. The annular space was sealed with bentonite pellets from -9.0 feet to -3.0 feet. A steel protector casing was concreted into place over the PVC well casing.

Two Wells Installed in Bedrock

Original pilot hole sampled and drilled by rotary method using Revert and 3 3/4" bit. A second hole was drilled by the same method. Both holes were reamed with an 8" bit to the desired depth. 4" PVC rise pipe was installed in each hole. Cement grout with bentonite was pumped through the drill rod lowered to the bottom of the bore hole. The entire annular space plus inside the lower portion of the PVC pipe was filled with grout. After allowance of several days for the grout to set, the holes were advanced deeper into rock with a 3 3/4" core barrel. The open hole (in rock) and the casing for each well were flushed with clean water. A steel protector casing was concreted into place over each well.

G-133D:

1). Bottom of 8" hole and PVC Casing: 43'

2). Bottom of uncased open hole: 53'

G-133DD:

1). Bottom of 8" hole and PVC casing: 53'

2). Bottom of uncased open hole: 73'

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-134 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 725.8

END OF BORING 654.8

LOCATION: 661.3 N
310.1 E

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -24.96 Feet

SHEET 1 of 3

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

SAMPLE NO.	TYPE	N	WC	Q_u	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	26				0.3	725.5	FILL: Black clayey TOPSOIL, little sand
						0.7	725.1	
2	SS	30						FILL: Dark brown silty CLAY, little sand and gravel, moist (CL)
3	SS	100						FILL: Brown fine to coarse SAND and small to large GRAVEL mixed with brown silty clay, moist (SC)
4	SS	78				7.5	718.3	
5	SS	50/5"						FILL: Brown fine to coarse SAND and small to medium GRAVEL little clay, moist (SC)
6	SS	50/4"						
7A	SS	53				12.8	713.0	Very tough to hard brown silty CLAY, little sand and gravel, moist (CL)
7B			14.3	4.5*				
						14.0	711.8	
8	SS	45	11.6	4.5+*				
9A	SS	43	11.4	4.5+*				Hard gray silty CLAY, trace sand and gravel, moist (CL)
9B			-	-		17.5	708.3	
						17.8	708.0	Dense gray fine to coarse SAND and small to large GRAVEL, saturated (SW)
						19.5	706.3	BOULDER
10	SS	31	17.9	4.0*				Hard gray silty CLAY, trace sand and gravel, moist (CL)
11	SS	46	18.6	3.75*				
12	SS	29				24.8	701.0	
13	SS	69						Very dense brownish-gray SILT, little sand, little clay, saturated (ML)
14	SS	55	9.4			27.3	698.5	
15	SS	95	10.4	3.75*		29.5	696.3	Very tough to hard gray very silty CLAY, little sand and gravel, moist (CL-ML)
16	SS	45						Dense to very dense gray clayey SAND and GRAVEL, moist to saturated (SC)
17	SS	90						
18	SS	50	12.6			36.5	689.3	
19	SS	64	17.3	3.5*				Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL)
20	SS	52	16.6	4.5*				

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRIAT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-134 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 725.8

END OF BORING 654.8

LOCATION: 661.3 N
310.1 E

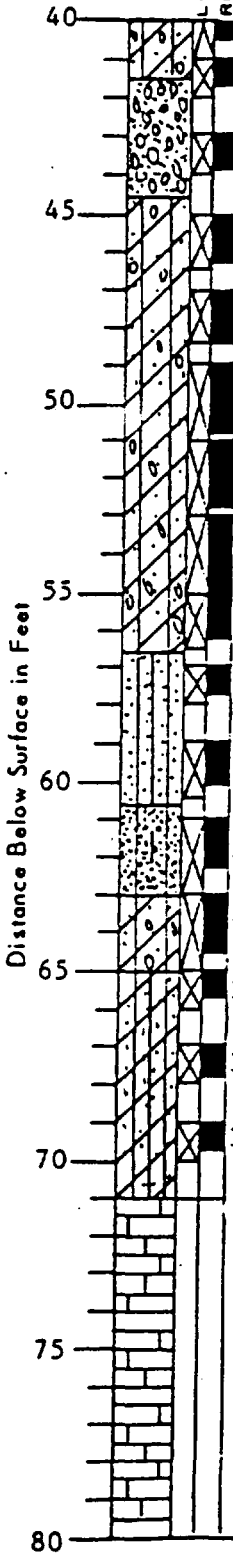
WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: -24.96 Feet

SHEET 2 of 3



SAMPLE NO.	TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
20	SS	52	16.6	4.5*				Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL)
21 A	SS	50	19.5	3.25*		41.5	684.3	
21 B			-	-				
22	SS	50						Very dense gray fine to coarse SAND and GRAVEL, saturated (SW-GW)
						44.5	681.3	
23	SS	80	10.1					
24	SS	83	9.8					
25	SS	89	11.7	4.5+*				Very tough to hard gray silty CLAY, little sand and gravel, moist (CL)
26	SS	94	10.6	4.5*				
27	SS	69	12.0	3.75*				
28	SS	78	14.5	2.75*				
						56.8	669.0	
29	SS	53	21.3					Very dense brownish-gray SILT, little sand, saturated (ML)
30	SS	78						
						60.8	665.0	
31	SS	73						Very dense brownish-gray fine to medium SAND, little silt, saturated (SM)
						63.0	662.8	
32	SS	54	12.5	4.5*				Hard gray silty CLAY, trace sand and gravel, moist (CL)
33 A	SS	50/4"	-	-		65.0	660.8	
33 B			11.2	3.0*				Very dense gray clayey SILT, little sand, moist to saturated (ML)
34	SS	50						
35	SS	56	12.4					
						71.0	654.8	
								BEDROCK: Gray DOLOMITE

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-134 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85 JOB 21,288

ELEVATIONS

GROUND SURFACE 725.8

END OF BORING 654.8

LOCATION: 661.3 N
310.1 E

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -24.96 Feet

SHEET 3 OF 3

DISTANCE BELOW SURFACE IN FEET	LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
80											
85											
90											
95											BEDROCK: Gray DOLOMITE
100											
105											
110											
115											
120											

End of Boring at -108.5 Feet

DRILLING AND MONITORING WELL INSTALLATION NOTES FOR G-134D:

Original pilot hole drilled and sampled by rotary method and reamed with an 8" rotary bit and Revert to a depth of 73.5'. 4" PVC solid riser pipe was installed to 73.5'. Cement grout with bentonite was pumped through drill rod lowered to the bottom of the hole. The entire annular space plus inside of bottom of PVC was filled with grout. After allowing several days for the grout to set, the hole was extended using a 3 3/4" bit and Revert. The open hole was flushed with clean water. A steel protector pipe was installed and concreted over the well at the surface.

1). Bottom of cased hole: 73.5' 2). Bottom of open hole: 103.5'

TESTING SERVICE CORPORATION

DRILL RIG NO 91

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-135 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 719.0

END OF BORING 637.0

LOCATIONS: 878.6 N 1552.3 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -13.0 Feet

SHEET 1 OF 3

SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
						1.0	718.0	FILL - Dark brown silty CLAY, some sand & gravel (CL)
a 1b	SS	29						Firm grayish-brown fine to coarse SAND and small to medium GRAVEL, moist to wet at 13.0' (SW/GW); sandy silt layers from 13.5' to 14.5'; 3" seam of brown silty clay at 14.7'
a 2b	SS	16						
a 3b	SS	17						
a 4b	SS	17						
a 5b	SS	18						
a 6b	SS	17						
a 7b	SS	17				15.0	704.0	
a 8b	SS	13	15.3 / 15.6	3.00 / 3.75	*			Very tough to hard gray silty CLAY, trace sand and gravel, moist (CL)
a 9b	SS	22	18.8 / 18.3	4.5+ / 4.5+	*			
a 10b	SS	15	17.7 / 13.4	2.75 / 2.25	*	20.0	699.0	
a 11b	SS	24	11.7 / 15.6	4.5+	*	23.0	696.0	Layers of very tough brownish-gray very silty CLAY (CL); very tough t hard gray silty CLAY (CL) and firm brownish-gray clayey SILT (ML); trace sand and gravel, moist
a 12b	SS	29	18.8 / 18.2	4.5+ / 4.5+	*			Hard to very tough gray silty CLAY, trace sand and gravel, moist (CL)
a 13b	SS	30	19.1 / 17.8	4.5+ / 4.5+	*			
a 14b	SS	77	19.1 / 13.8	3.00	*	28.0	691.0	Layers of very dense gray clayey SILT (ML) and hard gray very silty CLAY (CL); trace sand and gravel, moist; 4" seam of sandy silt @ 28.5
a 15b	SS	63	10.2 / 13.3	4.5+	*			
16	SS	100/11	10.9					
						34.3	684.1	Very dense gray fine to coarse SAND and small GRAVEL, little silt, saturated (SP)
17	SS	63						
18	SS	58				37.3	681.7	Very dense gray sandy SILT, some gravel, occasional cobbles or boulders, trace clay, moist (ML)
19	SS	92						

Distance Below Surface in Feet: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-135 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 719.0

END OF BORING 637.0

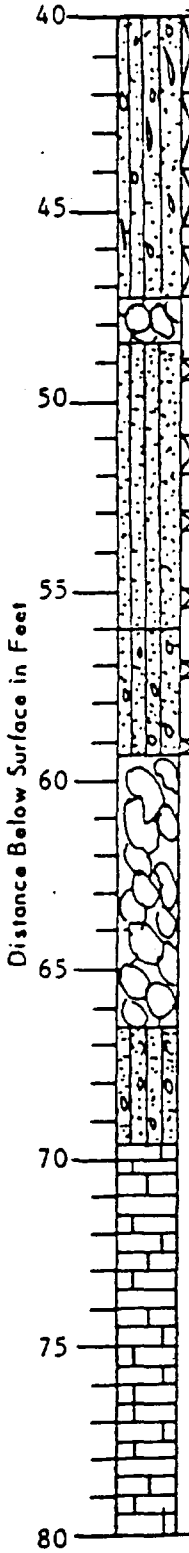
LOCATIONS: 878.6 N
1552.3 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING: -13.0 Feet



SAMPLE NO.	TYPE	N	WC	Q_u	%DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
20	SS	57	8.6					Very dense gray sandy SILT, some gravel, occasional cobbles or boulders, some sand, moist (ML)
21	SS	44	9.6					
22	SS	78/11	10.0					
23	SS	100/10"	11.3					
						47.8	671.7	BOULDER
						48.5	670.5	
24	SS	50/5"						Very dense brownish-gray very fine sandy SILT, saturated (ML)
25	SS	100/11"						
26	SS	65/6"						
27	SS	100/5 1/2"				56.0	663.0	
28	SS	100/4"						Very dense gray sandy SILT, some gravel, moist (ML)
29	SS	100/3"				59.5	659.5	
								BOULDER
						66.5	652.5	
								Very dense gray sandy SILT, some gravel, moist (ML)
						69.5	649.5	
								BEDROCK: Gray DOLOMITE

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-135 DATE STARTED 4-11-85 DATE COMPLETED 4-17-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 719.0

END OF BORING 637.0

LOCATIONS: 878.6 N
1552.3 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -13.0 Feet

SHEET 3 OF 3

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
									BEDROCK: Gray DOLOMITE

End of Boring at -82.0 Feet

DRILLING AND MONITORING WELL INSTALLATION NOTES:

One Well Installed in Bedrock - G-135:

Due to the nearness of G-135 to G-119, the boring log for G-119 was utilized for the first 31.0 feet of this boring log. Sampling at this location resumed at a depth of 32 feet. The boring was made using a 3 3/4" rotary bit and "Revert" drilling mud. The pilot hole was reamed using an 8" rotary bit and "Revert" to a depth of 72.0 feet. 4" PVC riser pipe was installed in the bore hole. Cement grout with bentonite was pumped through the drill rod which was lowered to the bottom of the bore hole. The entire annular space, plus the inside lower portion of the PVC was filled with grout. After allowing the grout to set for several days, the hole was advanced deeper into rock with a d 3/4" rotary bit and Revert to a depth of 82.0 feet. The open hole (in rock) and the PVC well casing were flushed with clean water. A steel protector casing was concreted into place over the well.

DISTANCE BELOW SURFACE IN FEET: 80, 85, 90, 95, 100, 105, 110, 115, 120

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-136 DATE STARTED 4-27-85 DATE COMPLETED 4-29-85** JOB 21,288

** Date of well completion.

ELEVATIONS

GROUND SURFACE 708.6

END OF BORING 607.6

LOCATIONS: 790.1 N
1746.9 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING

SHEET 1 OF 3

LENGTH	RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γDRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
		1A	SS	12	56.2	-		0.7	707.9	Black to dark brown clayey TOPSOIL (OH)
		1B			22.9	4.25*				
		2	SS	26	22.4	4.0*				Hard brown silty CLAY, trace sand and gravel, moist (CL)
		3	SS	25				4.5	704.1	
		4	SS	38						
		5	SS	58						
		6	SS	48						Firm to very dense brown medium to coarse SAND and small to large GRAVEL, occasional cobble, damp to wet (SW/GW)
		7	SS	85						
		8	SS	88						
		9	SS	18						
		10	SS	24						
		11	SS	34						
		12	SS	71/11"						
		13	SS	29						
		14	SS	28						
		15	SS	66/6"						
								28.5	680.1	
		16	SS	43						Dense to very dense gray sandy SILT, trace clay, little gravel, moist (ML)
		17	SS	55						
								33.0	675.6	
		18	SS	85/11	10.0					Very dense brownish gray clayey SILT, little sand and gravel, moist (ML)
		19	SS	77	9.4					
								37.0	671.6	
		20	SS	63	11.6	4.5+*				Hard gray silty CLAY, trace small gravel, cobbles, moist (CL)
		21	SS	77	11.9	4.5+*				

TESTING SERVICE CORPORATION

DRILL RIG NO. 91

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-136 DATE STARTED 4-27-85 DATE COMPLETED 4-29-85** JOB 21,288

** Date of well completion

ELEVATIONS

GROUND SURFACE 708.6

END OF BORING 607.6

LOCATIONS: 790.1 N
1746.9 W

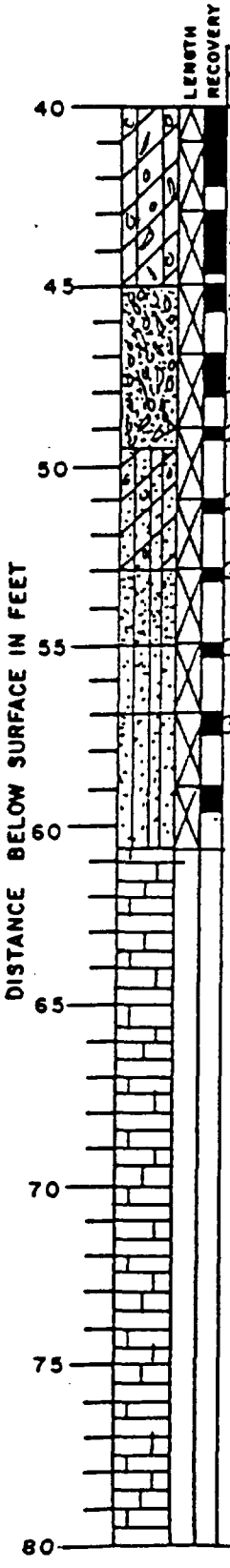
WATER TABLE

DATE: 5-13-85

WATER LEVEL: 18.87'

ELEVATION: 691.53

SHEET 2 OF 3



SAMPLE NO.	TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
22	SS	80	19.3	4.5+*				Hard gray silty CLAY, trace small gravel, cobbles, moist (CL)
23	SS	74	19.3	4.5+*				
24	SS	50/5"						
						45.0	663.6	
25	SS	50/5"						Very dense coarse gray SAND and small GRAVEL, COBBLES, saturated (SP)
26	SS	100/4"						
27	SS	86/6"				49.5	659.1	
28	SS	100/5"						Very dense gray sandy SILT, little clay, trace small gravel, moist (ML)
29	SS	90/6"				53.0	655.6	
								Very dense gray fine sandy SILT, saturated (ML)
30	SS	50/4"				55.0	653.6	
								Very dense gray SILT, little sand, saturated (ML)
31	SS	50/3"				57.0	651.6	
								Very dense gray fine sandy SILT, saturated (ML)
						60.8	647.8	
								BEDROCK: Gray DOLOMITE

*-Approximate unconfined compression strength based on measurements wit a calibrated pocket penetrometer.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE: DU PAGE COUNTY, ILLINOIS

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE CO., P. O. BOX 2339, GLEN ELLYN, IL.

BORING G-136 DATE STARTED 4-27-85 DATE COMPLETED 4-29-85** JOB 21.288

** Date of well completion

ELEVATIONS

GROUND SURFACE 708.6

END OF BORING 607.6

LOCATIONS: 790.1 N
1746.9 W

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING

SHEET 3 OF 3

DISTANCE BELOW SURFACE IN FEET	LENGTH RECOVERY	SAMPLE NO	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
80										
85										
90										BEDROCK: Gray DOLOMITE
95										
100										
105										
110										
115										
120										

End of Boring at -101.0 Feet

DRILLING AND MONITORING WELL INSTALLATION NOTES:

One Well Installed in Bedrock - G-136:

Due to the nearness of G-136 to G-130, the boring log for G-130 was utilized for the first 23.0 feet of the G-136 boring log. Sampling at this location resumed at a depth of 23'. The boring was made by the rotary method with a 3 3/4" bit and then reamed using an 8" bit and Revert to a depth of 71.0 feet. 4" PVC riser pipe was installed in the bore hole. Cement grout with bentonite was pumped through the drill rod which had been lowered to the bottom of the bore hole. The entire annular space, plus the inside lower portion of the PVC was filled with grout. After allowing the grout to set for several days, the hole was advanced deeper into rock with a 3 3/4" bit to a depth of 101.0 feet. The open hole in rock and the well casing were flushed with clean water. A steel protector pipe was concreted into place over the well.

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING G-137 DATE STARTED 8-7-86 DATE COMPLETED 8-7-86 JOB 23,108

S: 1723.6

W: 1010.2

ELEVATIONS

GROUND SURFACE 699.7

END OF BORING 645.2

WATER TABLE

AT END OF BORING -14.5 Feet

24 HOURS

WHILE DRILLING - 9.5 Feet

SHEET 1 OF 2

SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
						0.3	699.4	Black clayey TOPSOIL, moist (OL)
1 A/B	SS	29	12.4 / 13.1					Dark brown very sandy gravelly CLAY, little organics, moist, disturbed (CL)
2	SS	18	17.3	4.5*				
3 A/B	SS	15	15.5 / 20.3	-- / 3.5*		4.5	695.2	Very tough dark brown silty CLAY, some sand, trace gravel, moist (CL)
						6.0	693.7	
4	SS	46						Firm to dense brown fine to coarse SAND and small to large GRAVEL, little silt, wet at 9.5' (SW)
5	SS	24						
6	SS	34						
7	SS	36						
8	SS	49						
9	SS	21						
10	SS	34						
						20.0	673.7	
11	SS	55						Dense to very dense gray GRAVEL and SAND, wet (GW)
12	SS	95						
13	SS	61						
14	SS	62						
15	SS	34						
16	SS	33						
17 A/B	SS	11	-- / 20.1	-- / 2.0*		33.5	666.2	Very tough gray silty CLAY, little sand, trace gravel, moist (CL)
						34.0	665.7	Very dense gray GRAVEL and SAND, wet (GW)
18	SS	78						
						36.5	663.2	Hard gray silty CLAY, little to some sand, trace gravel, moist (CL)
19 A/B	SS	32	13.6 / 11.1	4.5+* / --				
						38.0	661.7	Very dense gray clayey SAND and GRAVEL, wet (GC/SC)
20	SS	155/9"				39.5	660.2	

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25, 30, 35, 40

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING C-137 DATE STARTED 8-7-86 DATE COMPLETED 8-7-86 JOB 23,108

S: 1723.6

W: 1010.2

ELEVATIONS

GROUND SURFACE 699.7

END OF BORING 645.2

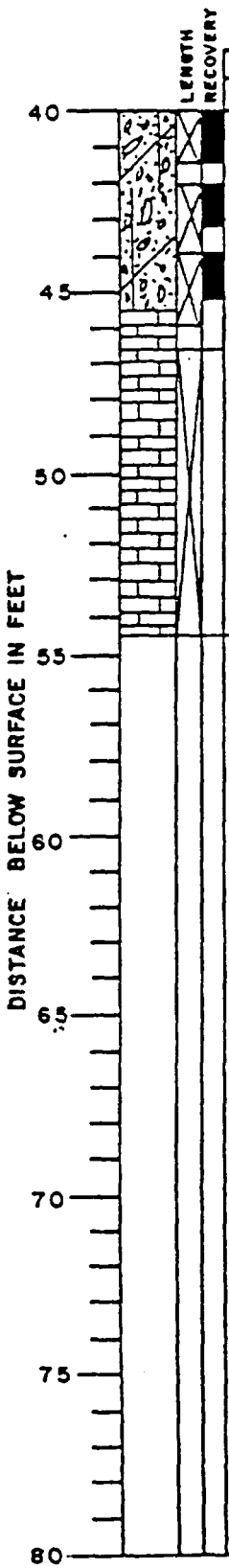
WATER TABLE

AT END OF BORING -14.5 Feet

24 HOURS

WHILE DRILLING - 9.5 Feet

SHEET 2 OF 2



LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	21	SS	95						Very dense yellow-gray fine to coarse SAND and small to large GRAVEL, trace silt and clay, wet (GW)
	22	SS	55						
	23	SS	68/10"				45.5	654.2	
	24	CORE							BEDROCK: Light gray to brown DOLOMITE, micritic, occasional silt partings, trace stylolites, moderate to high porosity, fractured from 47.5'- 48.3' vertical fracture starting at 53.0'
		End of Boring at -54.5 Feet							* Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL INSTALLATION NOTES

1).	4" Schedule 40 PVC #10 slot screen:	43.5 - 53.5'
2).	4" Schedule 40 PVC riser:	+2.0 - 43.5'
3).	"Best" #490 sand pack:	42.5 - 54.5'
4).	Bentonite Pellets:	40.0 - 42.5'
5).	Volclay Grout:	2.5 - 42.5'
6).	6" Protector casing concreted in place over well	

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING G-138 DATE STARTED 8-13-86 DATE COMPLETED 8-14-86 JOB 23,108

S: 254.5
W: 2249.2

ELEVATIONS

GROUND SURFACE 706.6

END OF BORING 650.1

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -16.0 Feet

SHEET 1 OF 2

DISTANCE BELOW SURFACE IN FEET

LENGTH RECOVERY

SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	13	19.7					Dark brown silty TOPSOIL, little sand, some roots, damp (OL)
						2.0	704.6	
2	SS	17	21.6					Firm brown silty SAND and GRAVEL, moist clay binder (GC)
						3.3	703.3	
3 A/B	SS	9						Loose to firm brown fine to medium SAND, little clay binder, damp (SP)
4	SS	18						
						8.0	698.6	
5	SS	35						Dense brown fine to medium grained SAND with GRAVEL, damp; 0.2' brown sand clay seam at 10.3', damp (SP)
6	SS	47						
7	SS	35						
8	SS	37						
						16.0	690.6	
9	SS	34						Firm to very dense brown silty SAND and GRAVEL, wet (GW/SW)
10	SS	24						
11	SS	15						
12	SS	13						
13	SS	17						
14	SS	18						
15 A/B	SS	63				29.5	677.1	
16	SS	23						Firm gray sandy GRAVEL, wet (GW)
						32.0	674.6	
17	SS	63	8.8					Dense gray clayey SILT, some sand, trace gravel, damp to moist, very moist from 44.0 - 46.0' (ML)
18	SS	33	8.8					
19	SS	37	9.1					
20	SS	41	10.2					

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESRVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING C-138 DATE STARTED 8-13-86 DATE COMPLETED 8-14-86 JOB 23,108

S: 254.5
W: 2249.2

ELEVATIONS

GROUND SURFACE 706.6

END OF BORING 650.1

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -16.0 Feet

SHEET 2 OF 2

SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
21	SS	33	10.1					Dense gray clayey SILT, some sand, trace gravel, damp to moist, very moist from 44.0 - 46.0' (ML)
22	SS	48	12.0					
23	SS	16	11.5			46.0	660.6	
24	CORE							BEDROCK: Fractured to 48.0' light gray to light brown DOLOMITE, micritic, massive, occasional silt partings, high porosity, occasional fractures, trace illite at 56.5'

End of Boring at 56.5 Feet

* Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL INSTALLATION NOTES

1). 4" Schedule 40 PVC #10 screen: 44.0 - 54.0'
2). 4" Schedule 40 PVC riser: +2.0 - 44.0'
3). "Best" #490 sand pack: 43.5 - 56.5'
4). Bentonite Pellets: 41.0 - 43.5'
5). Volclay Grout: 2.5 - 41.0'
6). 6" protector casing concreted in place over well

DISTANCE BELOW SURFACE IN FEET

40 45 50 55 60 65 70 75 80

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESRVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING G-139 DATE STARTED 8-18-86 DATE COMPLETED 8-19-86 JOB 23,108

N: 540.3
W: 2512.8

ELEVATIONS
GROUND SURFACE 700.1
END OF BORING 643.6

WATER TABLE
AT END OF BORING -14.0 Feet
24 HOURS
WHILE DRILLING - 7.5 Feet

SHEET 1 OF 2

DISTANCE BELOW SURFACE IN FEET

SAMPLE NO.	TYPE	N	WC	Q_u	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1 A/B	SS	25	14.9 / --			1.4	698.7	Black clayey TOPSOIL, moist (OL)
2	SS	54						Firm to very dense light brown GRAVEL and SAND, little silt, damp (GW)
3	SS	28						
4 A/B	SS	48				7.5	692.6	
5	SS	58						Firm to very dense gray SAND and GRAVEL, wet (GW/SW)
6	SS	48						NOTE: 3" Black sand seam at 9.3', strange odor
7	SS	96						
8	SS	21						
9 A/B	SS	30	-- / 17.8	-- / 4.5+*		17.0	683.1	
10 A/B	SS	30	18.0 / --	2.0* / --		19.5	680.6	Very tough to hard gray silty CLAY, little sand, silt partin gs, moist (CL)
						20.0	680.1	Firm brownish gray fine sandy SILT, trace clay, moist (ML)
11	SS	24				22.0	678.1	Firm gray fine to medium SAND, wet (SP)
12	SS	66/10"	10.4	4.5+*		24.0	676.1	Hard gray silty CLAY, little sand, trace gravel, moist (CL)
13	SS	74						Very dense (hard) gray very clayey SILTS, very silty CLAY, some sand, occasional silt and sand seams, damp to moist, reddish hue to 26.0' (CL/ML)
14	SS	58	14.9	4.5+*		28.0	672.1	
15	SS	45	12.2					Dense brownish gray clayey SILT, trace sand and gravel, moist (ML)
16 A/B	SS	37	17.3 / 12.1	-- / 4.5+*		31.0	669.1	
17	SS	40	11.9	4.5+*				Tough to hard gray silty CLAY, little sand, some gravel, moist (CL)
18	SS	29	12.8	3.0*				
19	SS	33	18.5	1.0*				
20 A/B	SS	59	16.5 / --	2.25* / --		39.2	660.9	Very dense brownish gray sandy SILT, trace clay, damp (ML)

TESTING SERVICE CORPORATION

BORING LOG CONTINUED

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DISTRICT OF DU PAGE COUNTY, GLEN ELLYN, ILLINOIS

BORING G-139 DATE STARTED 8-18-86 DATE COMPLETED 3-19-86 JOB 23.108

N: 540.3
W: 2512.8

ELEVATIONS

GROUND SURFACE 700.1

END OF BORING 643.6

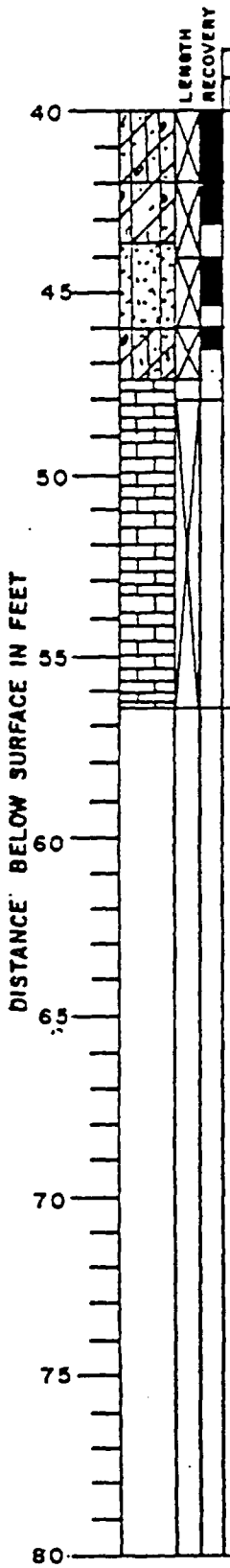
WATER TABLE

AT END OF BORING -14.0 Feet

24 HOURS

WHILE DRILLING - 7.5 Feet

SHEET 2 OF 2



SAMPLE NO.	SAMPLE TYPE	N	WC	Q_u	γ DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
21	SS	47	11.0			42.0	658.1	Dense gray clayey SILT, trace sand and gravel, moist (ML)
22 A B	SS	4	15.9 --	1.0* --		43.7	656.4	Tough gray silty CLAY, little sand, trace gravel, moist (CL)
23	SS	82/10"				46.0	654.1	Very dense gray silty very fine SAND, wet (SM)
24	SS	50/3"	9.6			47.5	652.6	Very dense clayey SILT and SAND, some gravel, damp ~~to~~ moist (ML/SC)
25	CORE							BEDROCK: Light gray DOLOMITE, micritic, occasional silt partings, trace stylolites, massive, moderate porosity, fractured from 51.0' - 51.5'; fracture has secondary recrystallization

End of Boring at -56.5 Feet

* Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL INSTALLATION NOTES

1). 4" Schedule 40 PVC #10 screen: 45.5 - 55.5'
2). 4" Schedule 40 PVC riser: +2.5 - 45.5'
3). "Best" #490 sand pack: 43.5 - 56.5'
4). Bentone pellets: See Report
5). Volclay Grout: 2.5 - 43.5'
6). 6" Protector casing concreted in place over well

TESTING SERVICE CORPORATION

PROJECT BLACKWELL FOREST PRESERVE

CLIENT FOREST PRESERVE DIST. OF DU PAGE CO., P. O. 2339, GLEN ELLYN, ILLINOIS

BORING G-128 cont. DATE STARTED 6-19-84 DATE COMPLETED 6-22-84 JOB 20,530

ELEVATIONS

GROUND SURFACE 705.9

END OF BORING 649.9

WATER TABLE

AT END OF BORING

24 HOURS

WHILE DRILLING -11 1/2 Feet

Distance Below Surface in Feet	LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Q_u	% DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
40		21	SS	21	8.3	3.5*				Firm to very dense gray sandy SILT, some gravel, trace clay, moist (ML)
		22 A B	SS	65				42.5	663.4	Very dense gray silty GRAVEL, wet (GM)
								43.5	662.9	
45										BEDROCK (Dolomite)
50										
55										
60										
65										
70										
75										
80										

End of Boring at - 56.0 Feet

*-Approximate unconfined compression strength based on measurements with a calibrated pocket penetrometer.

MONITORING WELL NOTES

Boring initially advanced by solid auger, but was completed by the rotary method using a 6" bit and Revert.

3 WELLS INSTALLED

G - 128D (Installed in original bore hole)

1. Bottom of 10' PVC screen at 54.5'.
2. Backflushed with clean water.
3. Gravel pack from 54.5' to 40'.
4. Bentonite slurry from 40' to 2'.
5. Steel protective pipe concreted into place over PVC well casing.

DRILL RIG NO. 91

TESTING SERVICE CORPORATION

See Sheet 3 For Completion of Notes

D-5

LOGS FROM SELECTED PRIVATE WELLS

EQUESTED AND ... ORIGINAL TO STATE
SUMER HEALTH PROTECTION, 535 WEST
61. DO NO ... ETACH GE... GICAL/WATER
E PROPER WELL LOCATION.

#5

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner John Nordloh Well No. _____
Address 29W039 Forest - Warrenville
Driller Steven Liberg License No. 102-002-730
11. Permit No. 119332 Date 7-30-85
12. Water from Limestone (Formation) 13. County Du Page
at depth 60 to 135 ft. SW 1/4 Sec. 26 N
14. Screen: Diam. _____ in. Twp. 39 N
Length: _____ ft. Slot _____ Rge. 9 E
Elev. _____

15. Casing and Liner Pipe

Diam. (In.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Black 15# ft.	0	60

SHOW LOCATION IN SECTION PLAT
Lot #2, McTeller subd, 160' N 110' E
SW/C
NW NW SW

16. Size Hole below casing: 5 in.
17. Static level 18 ft. below casing top which is 1 ft. above ground level. Pumping level 25 ft. when pumping at 15 gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Brown clay	10	10
Gravel	50	60
Lime	75	135

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Steven Liberg (mn) DATE 2-3-86

26 39N 9E

#19

GEOLOGICAL WATER SURVEYS WATER WELL RECORD

Completed 12-13-68

10. Dept. Mines and Minerals permit No. 6441 Year 1968
11. Property owner [illegible] Well No. -
Address 24 W 045 Oak Lane Warrenville
Driller Patrick Liberty License No. 92-39
12. Water from limestone (Formation) 13. County Du Page
at depth 68 to 95 ft.
14. Screen: Diam. ____ in.
Length: ____ ft. Slot ____

Sec. 27
Twp. 39N
Rng. 9E
Elev. ____

SHOW LOCATION IN SECTION PLAT

75' NL, 300 WL of NW NE SE (permit)

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	[illegible]	0	68
	15# per ft.		

16. Size Hole below casing: 5" in.
17. Static level 15 ft. below casing top which is 1 ft. above ground level. Pumping level 25 ft. when pumping at 10 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
clay sand & gravel	4'	4'
coarse yellow sand	3'	7'
clayey sand	4'	11'
sand & gravel	52'	63'
blue clay	4'	67
fine sand	1'	68
limestone	27	95'
(CONTINUE ON SEPARATE SHEET IF NECESSARY)		

SIGNED Patrick Liberty DATE Jan 30, 1969
By Helen [illegible]

COUNTY No. 1128

DUPAGE 27-39N-9E

STATE OFFICE BUILDING, ...
AL WATER SURVEYS SECTION. BE SURE TO

#21

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 8-28-69

10. Property owner Lloyd Mack Well No. _____
Address 29 N 140 Bak Lane, Warrenville
Driller Edward Sisson License No. 72-48
11. Permit No. 8183 Date 8-25-69
12. Water from Limestone (Formation) 13. County Du Page.
at depth 61 to 105 ft. Sec. 27
14. Screen: Diam. 5" in. Twp. 39 N
Length: ____ ft. Slot _____ Rge. 9E
Elev. _____

		0	

SHOW LOCATION IN SECTION PLAT
60' SL, 100' WL of SW SE NE (permit)

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	black	0	61
	15# per ft.		

16. Size Hole below casing: 5" in.
17. Static level 15' ft. below casing top which is 1 ft. above ground level. Pumping level 32 ft. when pumping at 10+ gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top soil	1	1
brown gravel + dirt	26	27
grey clay	31	58
sand + gravel	3	61
limestone	44	105

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edward Sisson DATE 9-3-69
By: [illegible]
COUNTY No. 1230

DUPAGE 27-39N-9E

JNSU. ...EA ... PRO... ...
2761. DO... DETACH ...OLOGICAL/WATER
DE PROP... WELL LOCA...N.

GEOLOGICAL AND WATER SURVEYS WELL RECORD

#20

10. Property owner David Lukes Well No. _____
Address 29W 108 Oak Ln, Warrenville
Driller DuPage Pump Inc License No. 102-248
11. Permit No. 105267 Date 10-18-82
12. Water from Limestone (Formation) 13. County DuPage
at depth ____ to ____ ft.
14. Screen: Diam. ____ in.
Length: ____ ft. Slot ____

Sec NE 1/4 27
Twp. 39N
Rge. C.E
Elev. ____

SHOW LOCATION IN SECTION PLAT
lot 5 Anne Sargen
Mack's Add
Oak Lane, NE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Steel 14.98	0	64

16. Size Hole below casing: 5 in.
17. Static level ____ ft. below casing top which is 8 ft. above ground level. Pumping level 25 ft. when pumping at 10 gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Drift.	64'	64'
Limestone	71'	135'

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DEC 16 1982
DIV. OF ...
AND S...

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Alan Bengtsson DATE 12/6/82

AL / WATER SURVE SECTION. BE SURE TO

#23

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 10-19-72

10. Property owner Kettell Const. Well No. _____
Address 25287 Williams Rd. Warrenville
Driller Edward Sisson License No. 93-48
11. Permit No. 19425 Date 8-11-72
12. Water from Limestone (Formation) 13. County DuPage
at depth 58 to 110 ft. Sec. 27
14. Screen: Diam. _____ in. Twp. 39N
Length: _____ ft. Slot _____ Rge. 9E
Elev. _____

15. Casing and Liner Pipe

Diam. (In.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black	0	58
	15# per ft		

SHOW LOCATION IN SECTION PLAT
160' NL, 160' EL of SE SW NE (permit)

16. Size Hole below casing: 5 in.
17. Static level 15 ft. below casing top which is 1 ft. above ground level. Pumping level 20 ft. when pumping at 10+ gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Brown Clay	5	5
Gravel	30	35
Grey Clay	13	48
Sand & Gravel	10	58
Limestone	52	110
COUNTY No. 3025		

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edward H. Sisson DATE 11-9-72

Meadow Equipment Sales & Service Inc.

DUPAGE 27-39N-9E

CAL / WATER SURVEYS SECTION. BE SURE TO

#24

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 2-5-74

10. Property owner Rolfe Renoy, Jr. Well No. _____
Address 25 436 Williams-Warrenville, Ill
Driller John E Liberg License No. 102-33
11. Permit No. 26418 Date 11-6-73
12. Water from Lime Stone (Formation) 13. County Du Page
at depth 55 to 135 ft.
14. Screen: Diam. _____ in.
Length: _____ ft. Slot _____

Sec. 27
Twp. 39N
Rge. 9E
Elev. _____

15. Casing and Liner Pipe

Diam. (In.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black	0	55
	15 lbs per ft.		

SHOW LOCATION IN SECTION PLAT
260'SL, 500'WL,
NW NE SE
(permit)

16. Size Hole below casing: 5 in.
17. Static level 30 ft. below casing top which is 1 ft. above ground level. Pumping level _____ ft. when pumping at _____ gpm for _____ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Brown clay	10	10
Sand & gravel	30	40
Grey clay	5	45
Sand	10	55
Lime Stone	80	135

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED John E. Liberg DATE 2-27-74
by Jeanne M. Grigo 2.36.39

DUPAGE 27-39N-9E

AL / WATER(VEYS SECTION. BE SURE TO

#25

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 11-9-72

10. Property owner Richard Carrigan Well No. _____
Address 25526 Williams Rd. Warrenville
Driller Patrick Siberg License No. _____
11. Permit No. 19917 Date 9-12-72
12. Water from Limestone Formation 13. County Du Page
at depth 53 to 105 ft. Sec. 27
14. Screen: Diam. _____ in. Twp. 39N
Length: _____ ft. Slot _____ Rge. 9E
Elev. _____

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black	0	53
	15-41 perft.		

SHOW LOCATION IN SECTION PLAT
300' SL, 200' EL of NE NW SE (permit)

16. Size Hole below casing: 5 in.
17. Static level 15 ft. below casing top which is / ft. above ground level. Pumping level 23 ft. when pumping at 10 gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Yellow Clay	10	10
Gravel	25	35
Gray Clay	18	53
Limestone	52	105

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Patrick Siberg DATE 1-12-73

COUNTY No. 3063

DUPAGE 27-39N-9E

CAL / WATER SURVEYS SECTION. BE SURE TO

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 12-7-74

#26

10. Property owner John Brockmier Well No. _____
Address 2 S 550 Williams Rd., Warrenville, Ill.
Driller DuPage Pump, Inc. License No. 102-3
11. Permit No. 35148 Date 12-04-74
12. Water from Limestone (Formation) 13. County DuPage
at depth ____ to ____ ft. Sec. 27
14. Screen: Diam. ____ in. Twp. 39N
Length: ____ ft. Slot ____ Rge. 9E
Elev. ____

SHOW LOCATION IN SECTION PLAT

Lot #6 Riverside Park Un' #1 Subd. SE (permit)

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Steel 14.98	0	58'

16. Size Hole below casing: 5 in.
17. Static level ____ ft. below casing top which is 8 ft. above ground level. Pumping level 60 ft. when pumping at 12 gpm for 2 hours. Sub. pump set at 100'

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Drift	58'	58'
Limestone	72'	130'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Omer Yeoman DATE 12-10-74

DUPAGE COUNTY No. 24031

27-39N-9E

ICAL / WATER RVEYS SECTION. BE SURE TO

#27

GEOLOGICAL AND WATER SURVEYS WELL RECORD

Completed 5-8-73

10. Property owner Mr. Koslik Well No. _____
Address 2 S.630 Williams Road, Warrenville
Driller Dupage Pump, Inc. License No. 92-147
11. Permit No. 22474 Date 3/29/73
12. Water from Limestone Formation 13. County ~~[illegible]~~ DuPage
at depth ____ to ____ ft. Sec. 27
14. Screen: Diam. ____ in. Twp. 39 N
Length: ____ ft. Slot _____ Rge. 9E
Elev. ____

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Steel 14.98	0	[illegible]

SHOW LOCATION IN SECTION PLAT
Lot 2 Blk 1
Riverside Park
1 in SE
(permit)

16. Size Hole below casing: 5 in.
17. Static level ____ ft. below casing top which is 8 ft. above ground level. Pumping level 25 ft. when pumping at 10 gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Drift	44'	44'
Limestone	71'	115'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Omer Yeomans DATE May 9, 1973

COUNTY No. 3218

DUPAGE 27-39N-9E

AL/WATER SURVEYS SECTION. BE SURE TO

GEOLOGICAL AND WATER SURVEYS WELL RECORD

#28

Completed 12-14-72

10. Property owner Kettell Const. Well No. _____
Address 25 570 Williams Rd. Warrenville
Driller John Liberg License No. 92-38
11. Permit No. 26832 Date 11-6-72
12. Water from Limestone (Formation) 13. County DuPage
at depth 50 to 99 ft. Sec. 27
14. Screen: Diam. _____ in. Twp. 39N
Length: _____ ft. Slot _____ Rge. 9E
Elev. _____

SHOW LOCATION IN SECTION PLAT
NE NW SE
(permit)

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black	0	50
	15# per ft.		

16. Size Hole below casing: 5 in.
17. Static level _____ ft. below casing top which is 1 ft. above ground level. Pumping level _____ ft. when pumping at 10 gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Yellow Clay	10	10
Gray Clay	20	30
Sand & Gravel	5	35
Gray Clay	5	40
Sand & Gravel	10	50
Limestone	49	99

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED John E. Liberg DATE 1-12-73

COUNTY No. 3065

DUPAGE 27-39N-9E

51. DO NOT DE[illegible] GEOLOGICAL/WATER
PROPER[illegible] LOCATIO

GE[illegible]OGICAL [illegible]D WATER SURVEYS WE[illegible] RECO[illegible]

Completed 5/20/75

#29

10. Property owner Kettell Construction Well No. _____
Address 2 S 570 Williams Rd, Warrenville
Driller Edw. H. Sisson License No. 102-48
11. Permit No. 36995 Date 4-15-75
12. Water from Limestone (Formation) 13. County Du Page
at depth 46 to 120 ft.
14. Screen: Diam. _____ in.
Length: _____ ft. Slot _____

Sec. 27
Twp. 39N
Rge. 9E
Elev. _____

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Black	0	46
	15# per ft.		

SHOW LOCATION IN SECTION PLAT
220' NL, 300' EL
SE NW SE
(permit)

16. Size Hole below casing: 5 in.
17. Static level 10 ft. below casing top which is 1 ft. above ground level. Pumping level 15 ft. when pumping at 25 gpm for 2 hours. Sub. pump at 67'

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Brown Clay	7	7
Gravel	23	30
Grey Clay	5	35
Sand	5	40
Sand & Gravel	6	46
Limestone	74	120

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edward H. Sisson DATE 6-24-75
By Helen Sisson

COUNTY No. 24188

DuPage 27-39N-9E

REQUESTED AND MAIL ORIGINAL TO STATE
NSUMER HEALTH PROTECTION, 535 WEST
761. DO NOT DETACH GEOLOGICAL/WATER
E PROPER WELL LOCATION.

#30

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Rich Paver Well No. 87-54
Address Lot 2 35054 Williams, Warrenville
Driller Edward Sisson License No. 102-000-1400
11. Permit No. 127813 Date 10/31/86
12. Water from Limestone (Formation) 13. County DuPage
at depth 56 to 145 ft. Sec. 27a
14. Screen: Diam. _____ in. SE 1/4 Twp. 39
Length: _____ ft. Slot _____ Rge. 9
Elev. _____

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Black	0	56

SHOW LOCATION IN SECTION PLAT
Lot #2
Highland Inlot
SW SE SE

16. Size Hole below casing: 5 in.
17. Static level 28 ft. below casing top which is 1 ft. above ground level. Pumping level 28 ft. when pumping at 10+ gpm for 2 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
SAND & GRAVEL	12	12
GRAY CLAY, SAND & GRAVEL	33	45
CLAY	5	50
CLAY, SAND & GRAVEL	6	56
limestone	89	145

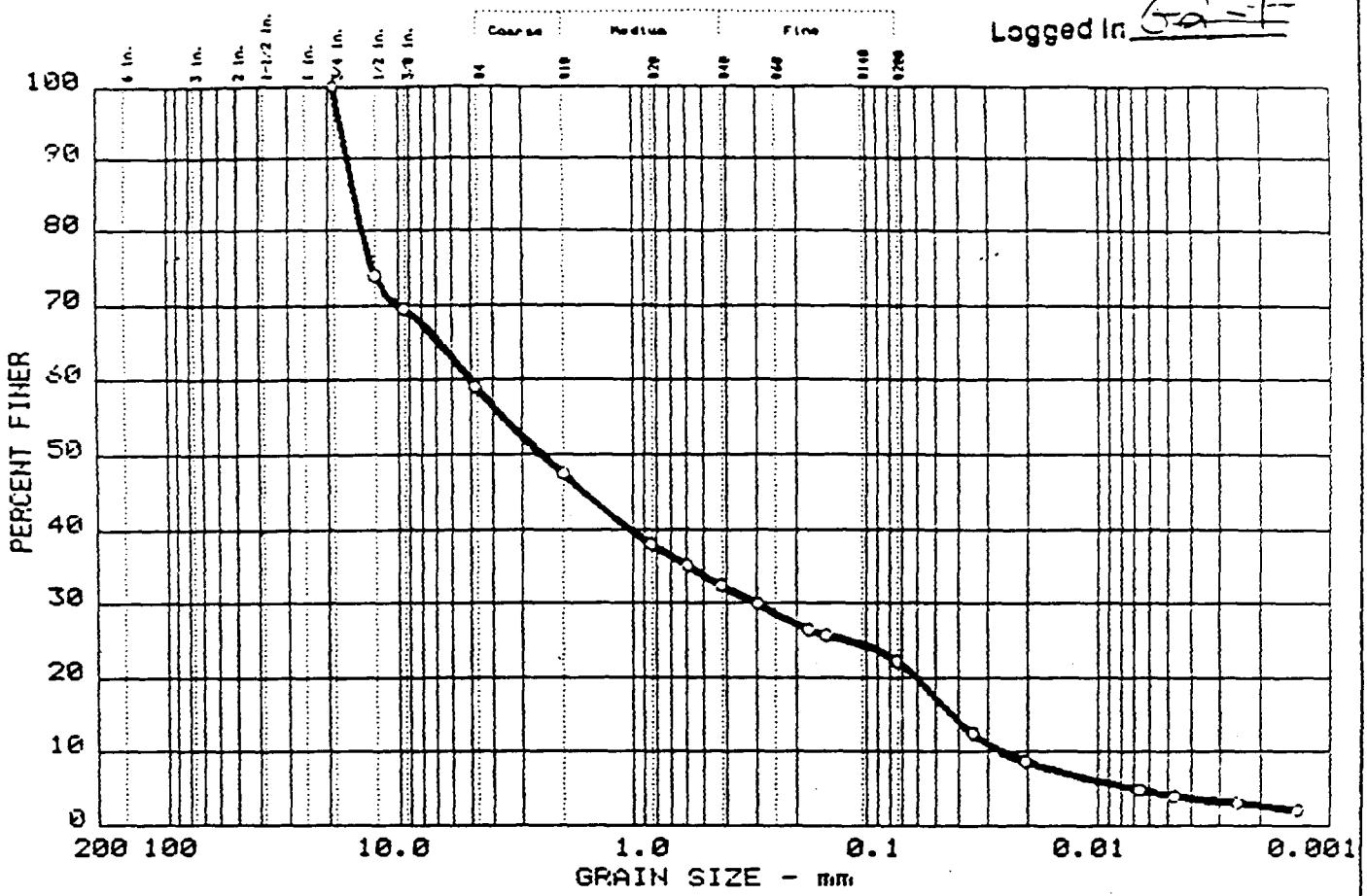
(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edward Sisson DATE 4/14/87
Pres

27 39N 9E

GRAIN SIZE DISTRIBUTION TEST REPORT

Logged In: GA-1



Symbol	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
○	0.0	40.9	37.0	18.1	4.0

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○	----	---	15.61	4.99	2.45	0.298	0.0420	0.0256	0.69	195.0

MATERIAL DESCRIPTION	USCS
○ Gray Fine-Coarse SAND & GRAVEL, Some Silt, Trace Clay	SM/GM

Project No.: 60721.00
Project: BLACKWELL RIFS, WARRENVILLE, ILL
○ Sample: BM-SS-MW-140D - 40

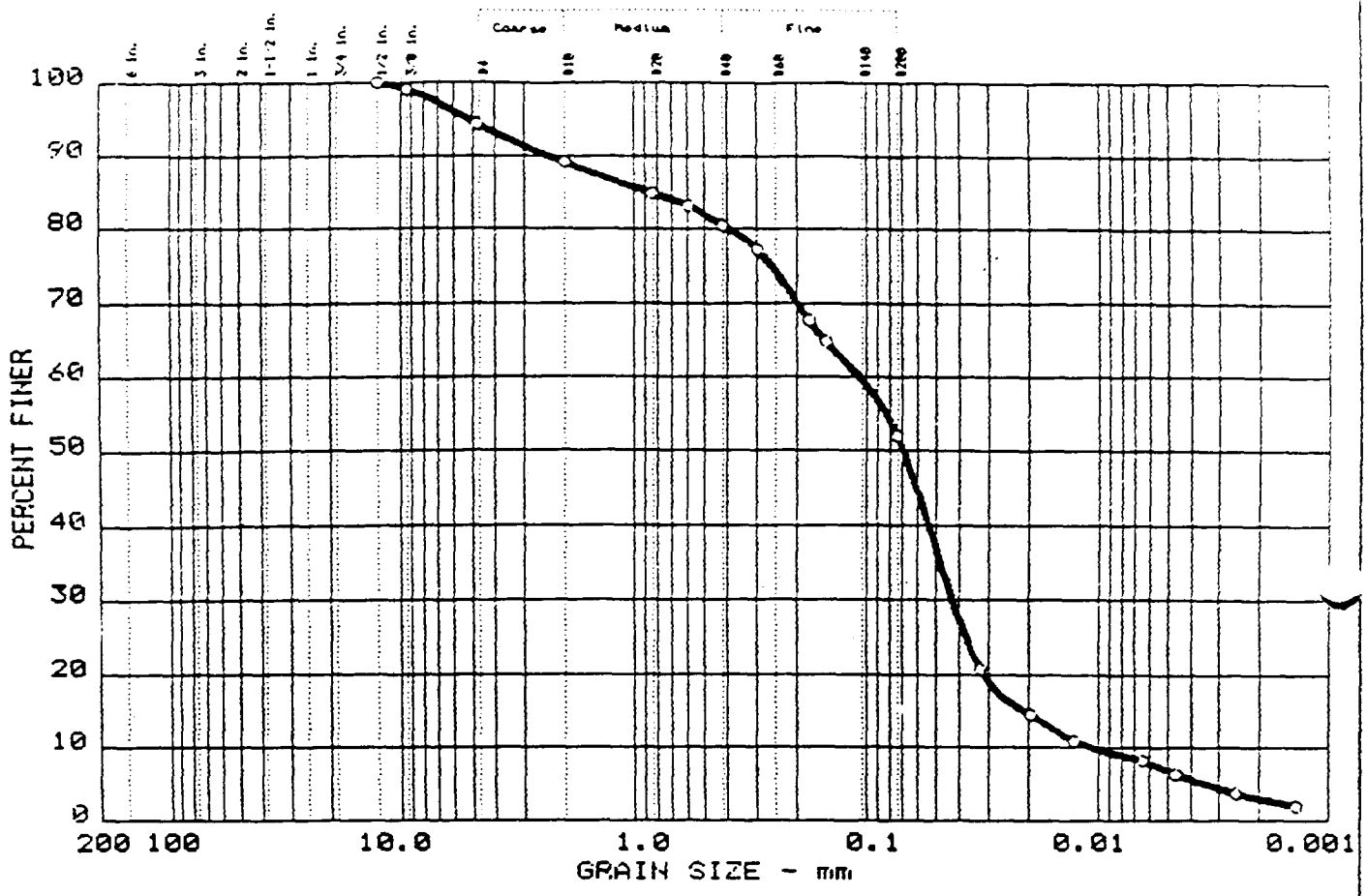
Date: 07/09/91

Remarks:
TESTED BY DWA/RWP
CHECKED BY DWA
APPROVED BY VJR

GRAIN SIZE DISTRIBUTION TEST REPORT
WARZYN, INC.

Sheet No.

GRAIN SIZE DISTRIBUTION TEST REPORT



Symbol	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
○	0.0	5.7	42.4	45.1	6.8

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○	----	---	0.86	0.11	0.07	0.043	0.0209	0.0107	1.60	9.9

	MATERIAL DESCRIPTION	USCS
○	Gray Sandy SILT, Little Clay & Gravel	ML

Project No.: 60721.00
Project: BLACKWELL RIFS, WARRENVILLE, ILL
○ Sample: MIX:BW-SS-MW-141D - 40 & 141 - 42

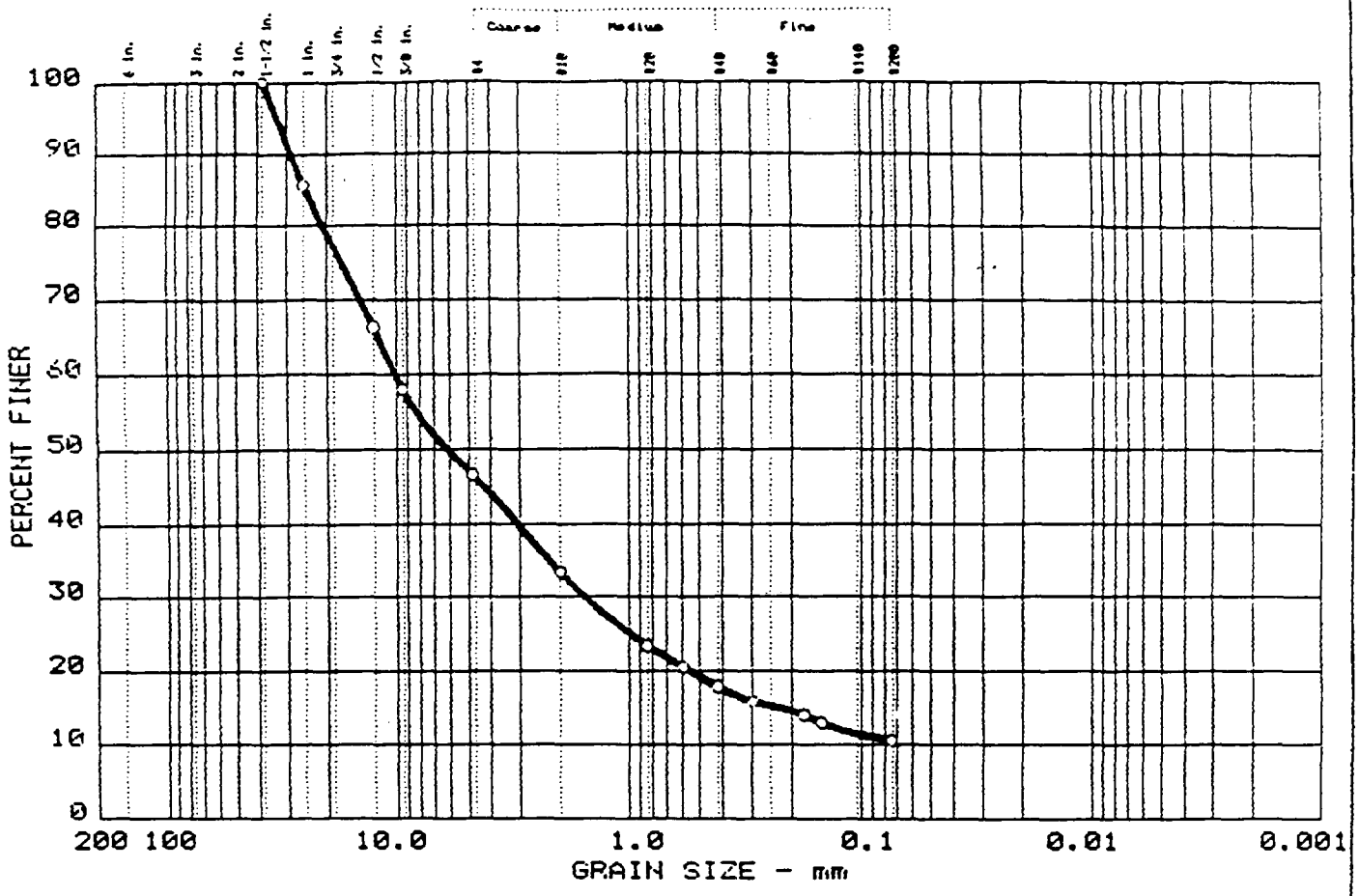
Date: 07/09/91

Remarks:
TESTED BY DWA/RWP
CHECKED BY DWA
APPROVED BY VJR

GRAIN SIZE DISTRIBUTION TEST REPORT
WARZYN, INC.

Sheet No.

GRAIN SIZE DISTRIBUTION TEST REPORT



Symbol	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
○	0.0	53.4	35.9	10.7	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○	----	---	24.83	10.23	6.10	1.549	0.2239			

MATERIAL DESCRIPTION	USCS
○ Gray Fine-Coarse SAND & GRAVEL, Little Silt & Clay	SP-SM/GP-GM

Project No.: 60721.00
Project: BLACKWELL RIFS, WARRENVILLE, ILL
○ Sample: BW-SS-MW-141D - 24

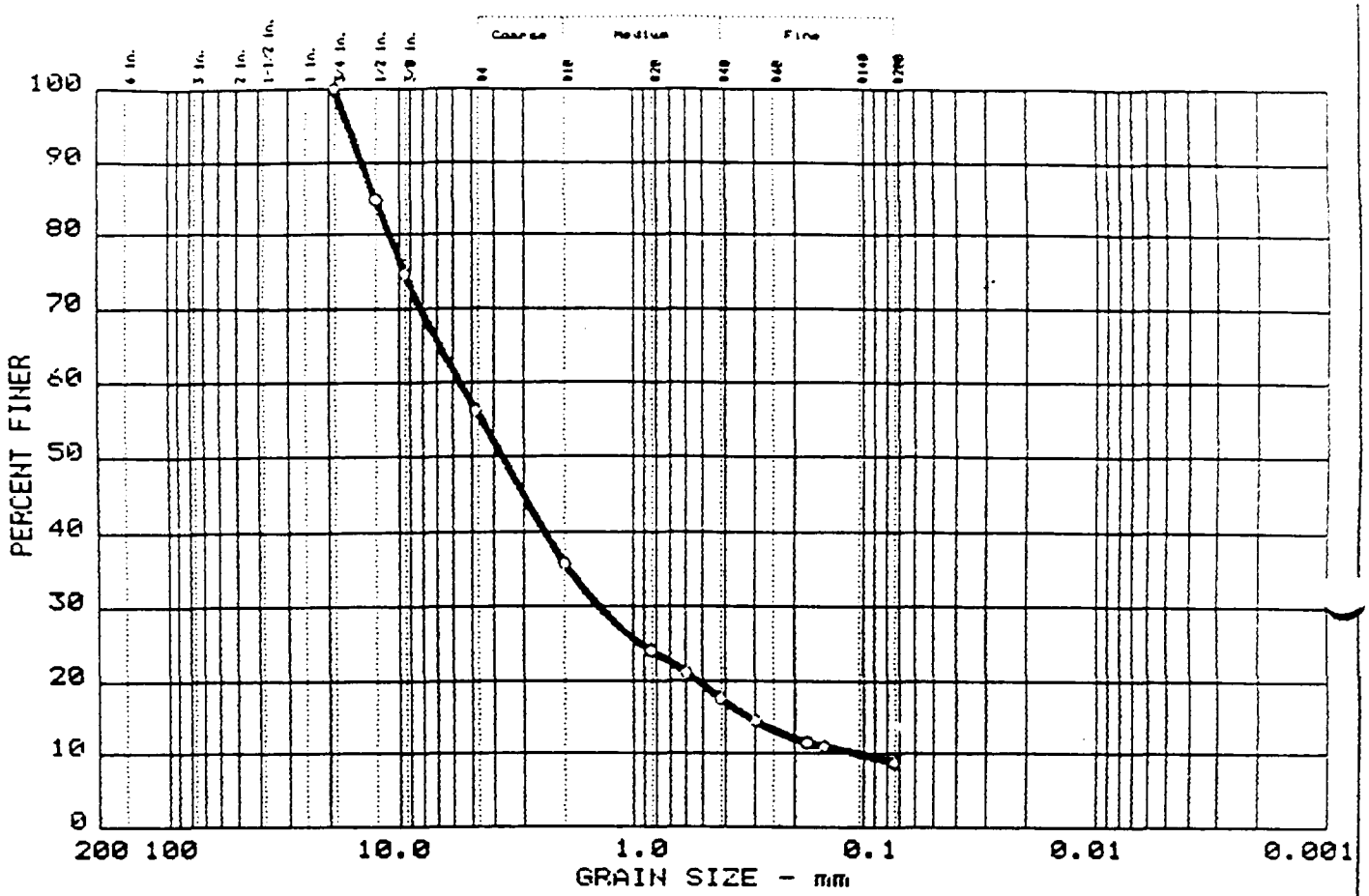
Date: 07/09/91

Remarks:
TESTED BY DWA/RWP
CHECKED BY
APPROVED BY

GRAIN SIZE DISTRIBUTION TEST REPORT
WARZYN, INC.

Sheet No.

GRAIN SIZE DISTRIBUTION TEST REPORT



Symbol	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
○	0.0	43.8	47.4	8.8	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○	----	---	12.74	5.56	3.70	1.406	0.3148	0.1042	3.41	53.3

MATERIAL DESCRIPTION	USCS
○ Gray Fine-Coarse SAND & GRAVEL, Little Silt & Clay	SP-SM/GP-GM

Project No.: 60721.00
Project: BLACKWELL RIFS, WARRENVILLE, ILL
○ Sample: BW-SS-MW-140D - 27

Date: 07/09/91

Remarks:
TESTED BY DWA/RWP
CHECKED BY
APPROVED BY VJR

GRAIN SIZE DISTRIBUTION TEST REPORT
WARZYN, INC.

Sheet No.

E

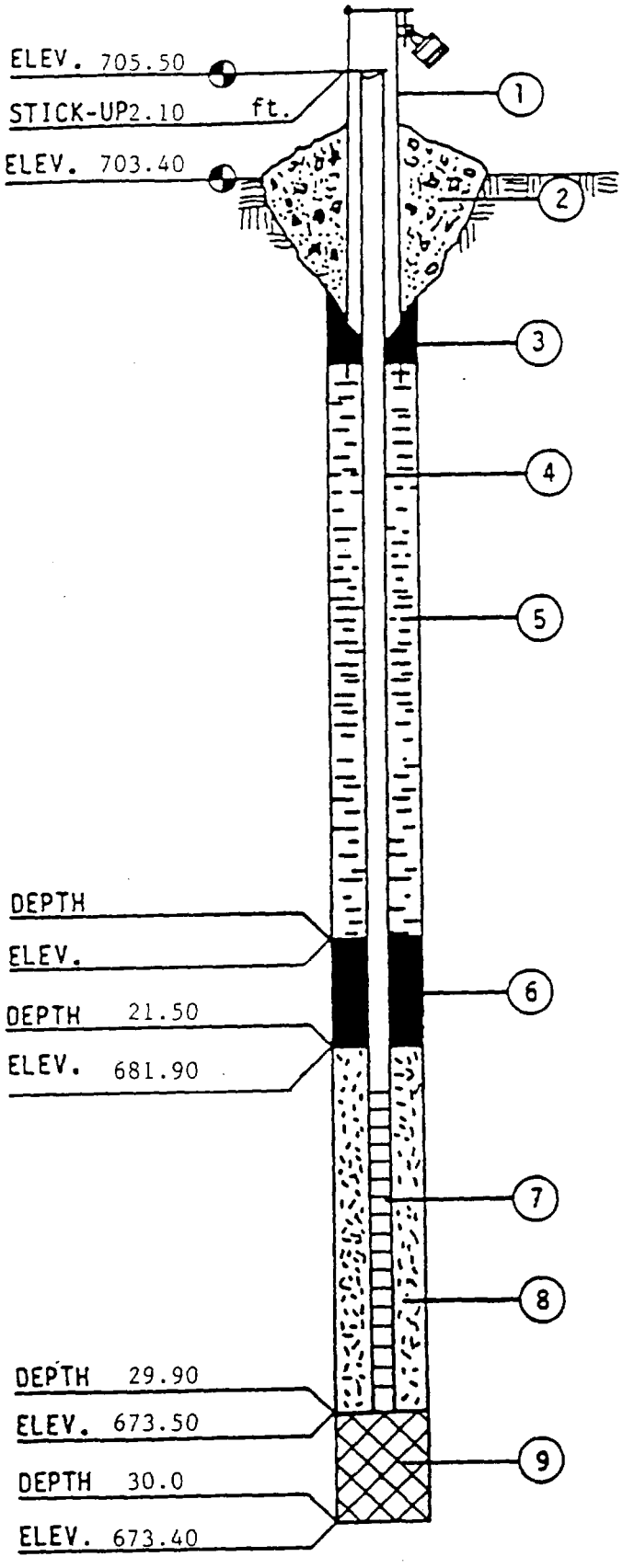
Grain Size Analyses of Monitoring Well Screened Interval soils

F

WELL CONSTRUCTION DETAILS

F-1

MONITORING WELL CONSTRUCTION DETAILS



WARZYN

Monitoring Well Construction Information

Project Number: 60721

Description: Blackwell

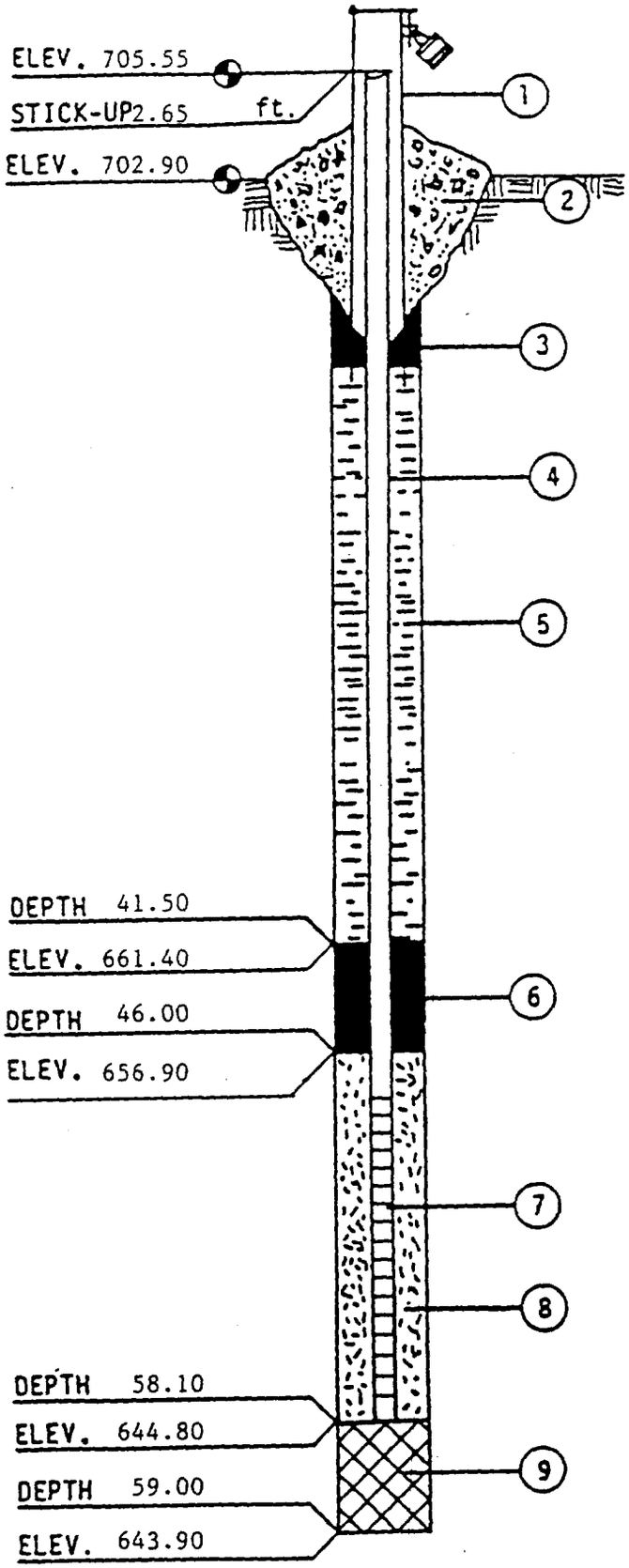
Boring/ Well No: G-140S Date: 6/18/91

1. Protective Casing: Yes
   Locking: Yes
2. Concrete Seal: Yes
3. Type of Surface Seal (if Installed): NA
4. Solid Pipe Type: 304 Stainless Steel
   Solid Pipe Length: 30.0
   Joint Type: Threaded
5. Type of Backfill: Bentonite Slurry
   Backfill Installed: Tremie
6. Type of Lower Seal (if Installed): Bentonite Slurry
7. Screen Type: 304 Stainless Steel
   Screen Length: 5.4
   Slot Size: 0.010
   Slotted Interval Length: 5.0 ft.
   Screen Diameter: 2 inch
8. Type of Backfill around Screen: Natural Play Sand/Merramec Sand
9. Type of Backfill: None
10. Drilling Method: 4-1/4" HSA
11. Additives Used (if any): None

All Depths Measured from Ground Surface

Water Level 12.25 Date 6/16/91

[CHI-801-27]



WARZYN

Monitoring Well Construction Information

Project Number 60721

Description Blackwell

Boring/ Well No G-140D Date 6/16/91

1. Protective Casing Yes

   Locking Yes

2. Concrete Seal Yes

3. Type of Surface Seal (if Installed) NA

4. Solid Pipe Type 304 Stainless Steel

   Solid Pipe Length 50.0

   Joint Type Threaded

5. Type of Backfill Bentonite-Cement

   Backfill Installed Tremie

6. Type of Lower Seal (if Installed) Bentonite Pellets

7. Screen Type Stainless Steel

   Screen Length 10.60

   Slot Size 0.010

   Slotted Interval Length 10.3 ft.

   Screen Diameter 2 inch

8. Type of Backfill around Screen Merramec Warrior Sand

9. Type of Backfill Drill Cuttings

10. Drilling Method 4-1/4" HSA

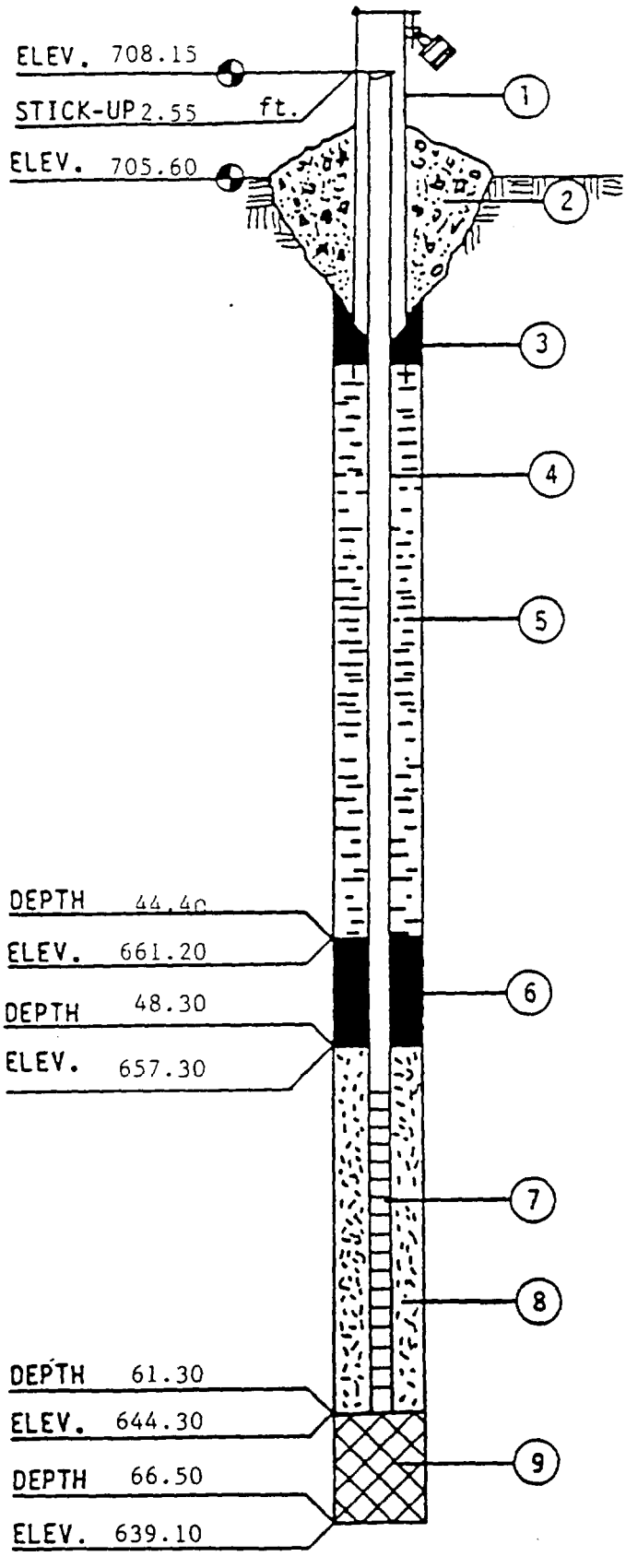
11. Additives Used (if any)

    Bentonite Drilling Mud

All Depths Measured from Ground Surface

Water Level 14.6 Date 6/17/91

[CHI-801-27]



WARZYN

Monitoring Well Construction Information

Project Number 60721

Description Blackwell

Boring/ Well No G-141D Date 6/18/91

1. Protective Casing Yes

   Locking Yes

2. Concrete Seal Yes

3. Type of Surface Seal (if Installed) NA

4. Solid Pipe Type 304 Stainless Steel

   Solid Pipe Length 53.3

   Joint Type Threaded

5. Type of Backfill Bentonite-Cement

   Backfill Installed Tremie

6. Type of Lower Seal (if installed) Bentonite Pellets

7. Screen Type Stainless Steel

   Screen Length 10.7

   Slot Size 0.010

   Slotted Interval Length 10.3 ft.

   Screen Diameter 2 inch

8. Type of Backfill around Screen Colorado Silica Sand

9. Type of Backfill Drill Cuttings

10. Drilling Method 4-1/4" HSA

11. Additives Used (if any)

    Bentonite Drilling Mud

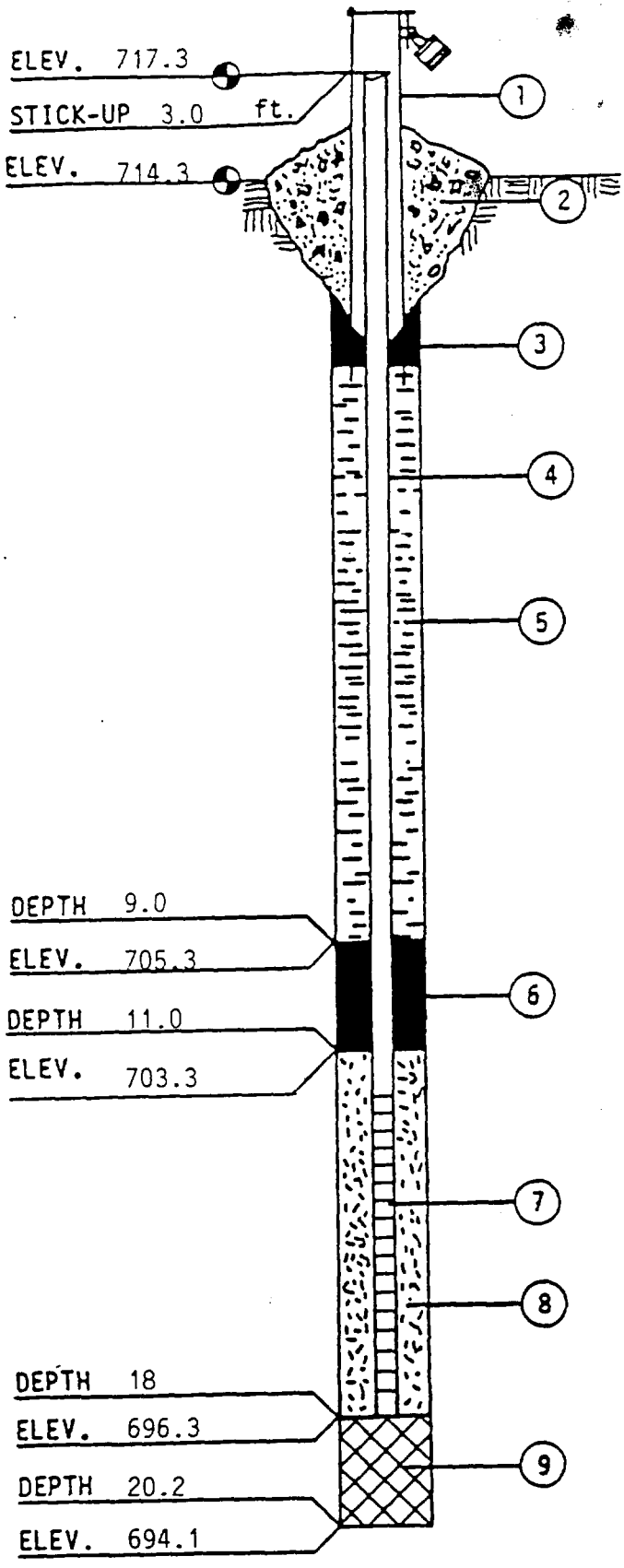
All Depths Measured from Ground Surface

Water Level 16.59 Date 6/19/91

[CHI-801-27]

F-2

PIEZOMETER CONSTRUCTION DETAILS



WARZYN

Monitoring Well Construction Information

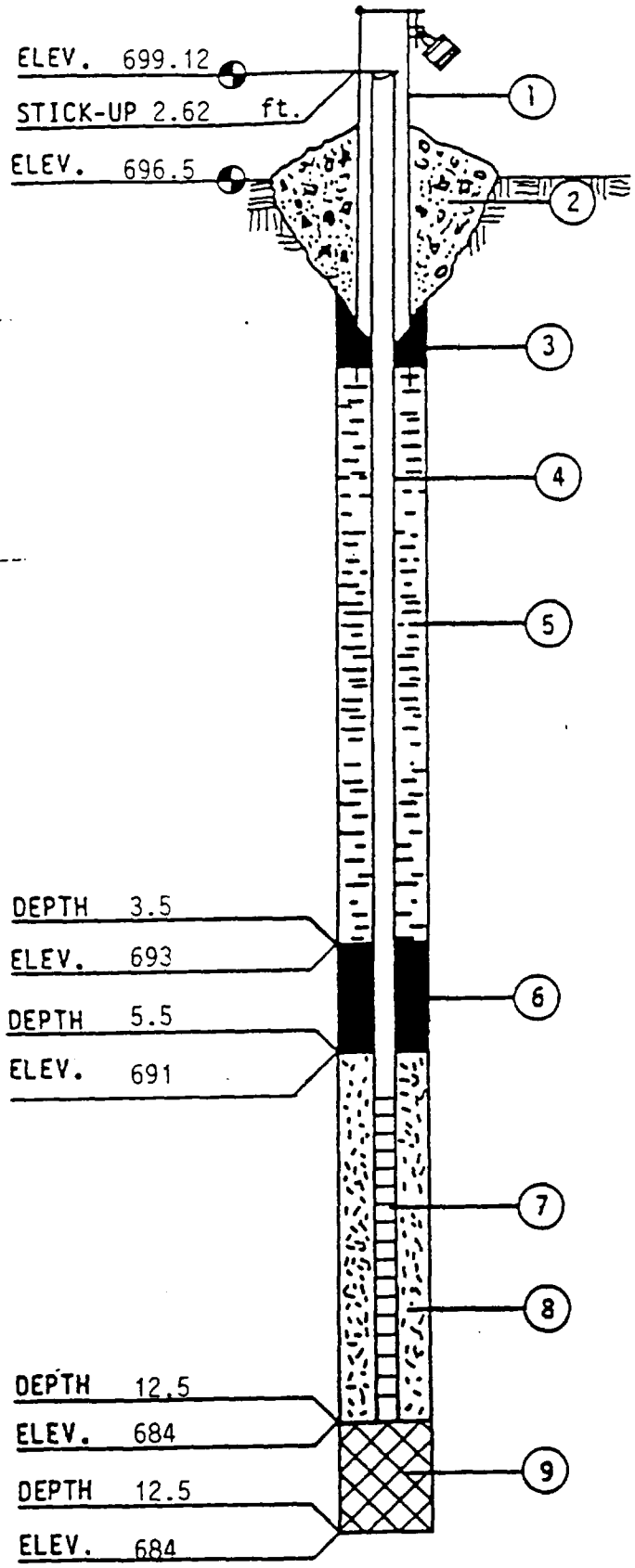
Project Number: 60721

Description: Blackwell

Boring/ Well No: PZ-1 Date: 6-3-91

1. Protective Casing: yes
   Locking: yes
2. Concrete Seal: yes
3. Type of Surface Seal (if Installed): NA
4. Solid Pipe Type: Schedule 40 PVC
   Solid Pipe Length: 16 ft.
   Joint Type: Threaded
5. Type of Backfill: cement-bentonite grout
   Backfill Installed: from surface
6. Type of Lower Seal (if installed): bentonite pellets
7. Screen Type: Sch 40 PVC
   Screen Length: 5 feet
   Slot Size: 0.010 inch
   Slotted Interval Length: 5 feet
   Screen Diameter: 2 inches
8. Type of Backfill around Screen: Merramac Warrior Sand
9. Type of Backfill: cuttings
10. Drilling Method: 4.25" IDHSA
11. Additives Used (if any): none

All Depths Measured from Ground Surface



WARZYN

Monitoring Well Construction Information

Project Number 60721

Description Blackwell

Boring/ Well No PZ-2 Date 6-3-91

1. Protective Casing yes

   Locking yes

2. Concrete Seal yes

3. Type of Surface Seal (if Installed)
   NA

4. Solid Pipe Type Schedule 40 PVC

   Solid Pipe Length 10.12 ft.

   Joint Type Threaded

5. Type of Backfill cement-bentonite grout

   Backfill Installed
   from surface

6. Type of Lower Seal (if installed)
   bentonite pellets

7. Screen Type Sch 40 PVC

   Screen Length 5 feet

   Slot Size 0.010 inch

   Slotted Interval Length 5 feet

   Screen Diameter 2 inches

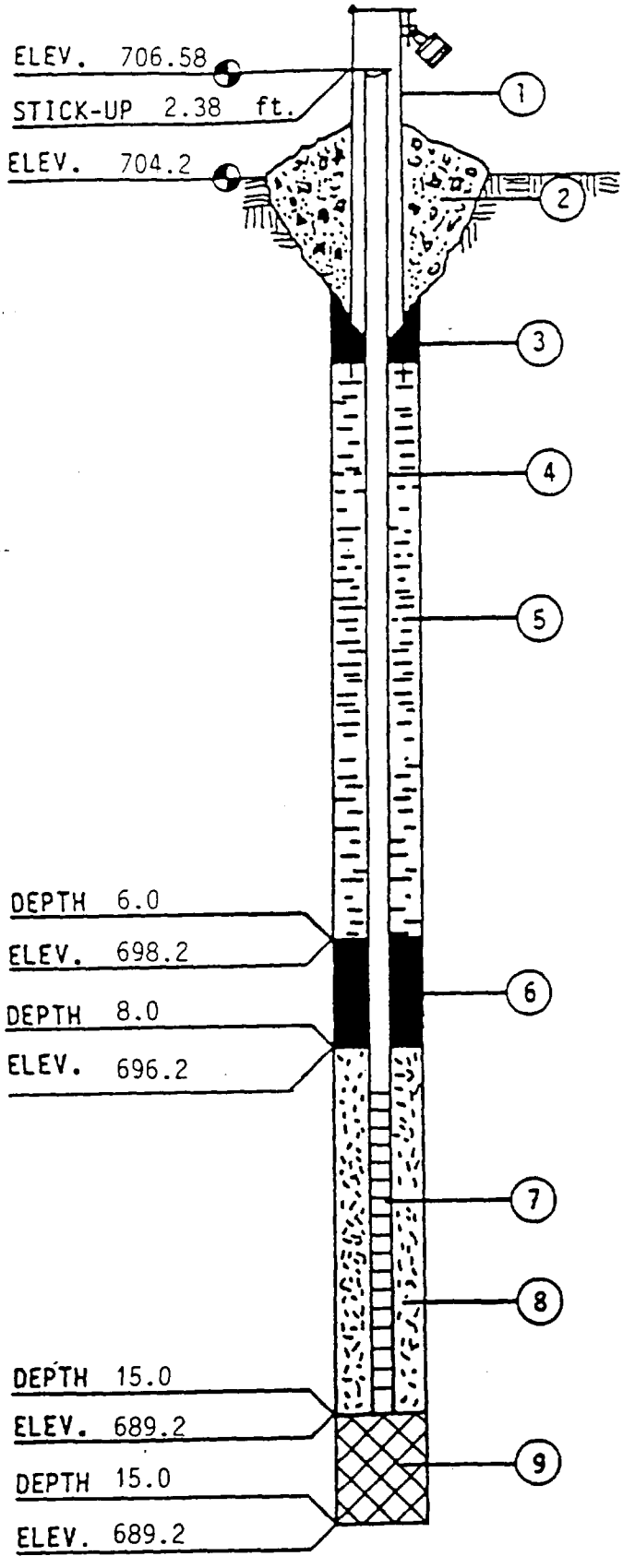
8. Type of Backfill around Screen
   Merramac Warrior Sand

9. Type of Backfill NA

10. Drilling Method 4.25" IDHSA

11. Additives Used (if any)
    none

All Depths Measured from Ground Surface



WARZYN

Monitoring Well Construction Information

Project Number 60721

Description Blackwell

Boring/ Well No PZ-3 Date 6-4-91

1. Protective Casing yes

   Locking yes

2. Concrete Seal yes

3. Type of Surface Seal (if Installed) NA

4. Solid Pipe Type Schedule 40 PVC

   Solid Pipe Length 12.38 ft.

   Joint Type Threaded

5. Type of Backfill cement-bentonite grout

   Backfill Installed from surface

6. Type of Lower Seal (if installed) bentonite pellets

7. Screen Type Sch 40 PVC

   Screen Length 5 feet

   Slot Size 0.010 inch

   Slotted Interval Length 5 feet

   Screen Diameter 2 inches

8. Type of Backfill around Screen

   Merramac Warrior Sand

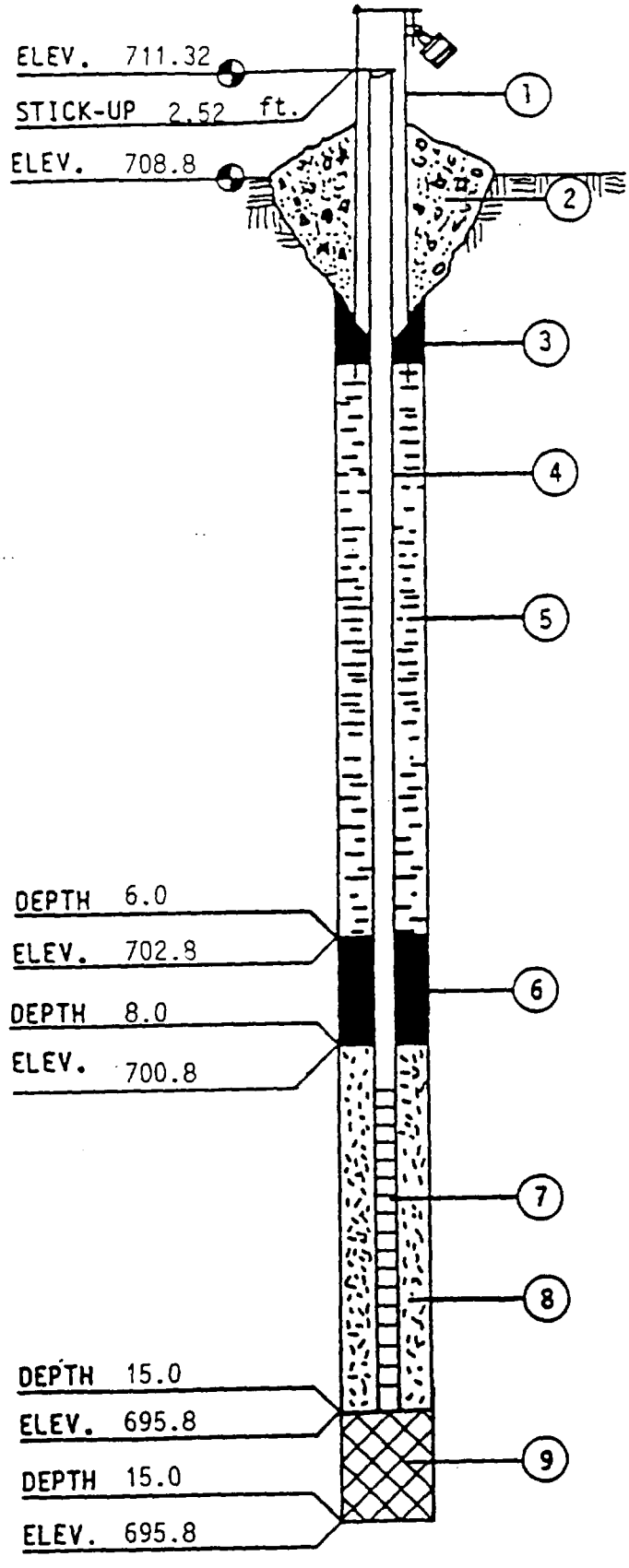
9. Type of Backfill NA

10. Drilling Method 4.25" IDHSA

11. Additives Used (if any)

    none

All Depths Measured from Ground Surface



WARZYN

Monitoring Well Construction Information

Project Number 60721

Description Blackwell

Boring/ Well No PZ-4 Date 6-4-91

1. Protective Casing yes

   Locking yes

2. Concrete Seal yes

3. Type of Surface Seal (if Installed) NA

4. Solid Pipe Type Schedule 40 PVC

   Solid Pipe Length 12.52 ft.

   Joint Type Threaded

5. Type of Backfill cement-bentonite grout

   Backfill Installed from surface

6. Type of Lower Seal (if installed) bentonite pellets

7. Screen Type Sch 40 PVC

   Screen Length 5 feet

   Slot Size 0.010 inch

   Slotted Interval Length 5 feet

   Screen Diameter 2 inches

8. Type of Backfill around Screen

   Merramac Warrior Sand

9. Type of Backfill NA

10. Drilling Method 4.25" IDHSA

11. Additives Used (if any)

    none

All Depths Measured from Ground Surface

F-3

SUMMARY OF WELL CONSTRUCTION DETAILS FROM PREVIOUSLY INSTALLED WELLS

SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-100	G-101	G-102	G-103S	G-103D	G-104
Monitoring Well Completion Date	5/20/80	5/20/80	5/5/80	4/5/80	4/5/80	5/8/80
Ground Surface Elevation (ft MSL)						
Total Depth of Boring (ft)	31.0	31.0	31.0	47.0	62.0	31.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)	10					
Bottom of Screen - Depth (ft)	16.0	11.0	25.0	47.0	62.0	20.0
- Elevation (ft MSL)						
Top of Seal - Depth (ft)	0.0	0.0	0.0	0.0	51.0	0.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	S	S&G	S	S	S&G
Presence of Clay above screened zone	No	No	No	Yes	Yes	No
Thickness of clay above Screened zone	None	None	None	28.3	35.1	None
Average Water Elevation	707.5	707.1	708.2	608.3	696.4	
Adjacent Nested Well Number (if any)	G100AB	None	G-132D,DD	G-103D	G-103S	None
Other Location Identifiers	North Well	Sta. 1	Sta. 2	Sta. 3	Sta. 3	Sta. 4

NOTES:
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TOIC - Top of Inner Well Casing
ID - Inside Diameter
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MSL - Mean Sea Level
oh - Open Hole in Bedrock
S - Sand
S&G - Sand and Gravel
Si - Silt
DOL - Dolomite Bedrock

Blank Spaces Indicate Information Is not Available

SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-105	G-106	G-107S	G-107D	G-108	G-109
Monitoring Well Completion Date	5/6/80	5/8/80	5/7/80	5/9/80	4/21/80	4/28/80
Ground Surface Elevation (ft MSL)						
Total Depth of Boring (ft)	31.0	31.0	39.0	47.0	31.0	31.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)						
Bottom of Screen - Depth (ft)	21.5	15.0	39.0	47.0	15.0	20.0
- Elevation (ft MSL)						
Top of Seal - Depth (ft)	0.0	0.0	0.0	0.0	0.0	0.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	S&G	S	S&G	S&G	S&G
Presence of Clay above screened zone	No	No	Yes	Yes	No	No
Thickness of clay above Screened zone	None	None	13.5	17.0	None	None
Average Water Elevation	703.4		692.7	691.2	691.9	691.7
Adjacent Nested Well Number (if any)	G-105A	None	G-107D	G-107S	None	None
Other Location Identifiers	Sta. 5	Sta. 6	Sta. 8	Sta. 8	Sta. 9	Sta. 9+140

NOTES:
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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-110	G-111	G-112	G-113	G-114	G-115S
Monitoring Well Completion Date	4/21/80	4/25/80	4/22/80	4/23/80	4/23/80	4/29/80
Ground Surface Elevation (ft MSL)						
Total Depth of Boring (ft)	31.0	31.0	31.0	31.0	31.0	18.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)						
Bottom of Screen - Depth (ft)	19.0	21.0	20.0	19.0	28.5	18.0
- Elevation (ft MSL)						
Top of Seal - Depth (ft)	0.0	0.0		0.0	0.0	0.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	S&G	S&G	S&G	S&G	S&G
Presence of Clay above screened zone	No	Yes	No	No	No	No
Thickness of clay above Screened zone	None	1.2	None	None	None	None
Average Water Elevation	692.6	692.2	692.3	692.6	692.6	692.5
Adjacent Nested Well Number (if any)	None	None	None	None	None	G-115D
Other Location Identifiers	Sta. 10	Sta. 10+178	Sta. 11	Sta. 11+80	Sta. 11+160	Sta. 12 /

NOTES:

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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-115D	G-116	G-117	G-118S	G-118D	G-119
Monitoring Well Completion Date	5/9/80	5/14/80	5/19/80	5/13/80	5/13/80	5/15/80
Ground Surface Elevation (ft MSL)						
Total Depth of Boring (ft)	48.5	46.0	31.0	21.0	56.5	31.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)						
Bottom of Screen - Depth (ft)	48.5	45.5	29.0	21.0	56.5	18.0
- Elevation (ft MSL)						
Top of Seal - Depth (ft)	36.0	0.0	0.0	0.0	0.0	0.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	S&G	S&G	S&G	S&G	S&G
Presence of Clay above screened zone	Yes	No	Yes	No	Yes	No
Thickness of clay above Screened zone	4.5	None	1.0	None	14.5	None
Average Water Elevation	690.7	690.7	692.0	693.6	690.7	705.8
Adjacent Nested Well Number (if any)	G-115S	None	None	G-118D	G-118S	G-135
Other Location Identifiers	West Well	Sta. 16	Sta. 17	Sta. 13	Sta. 13	Sta. 14

NOTES:
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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-120S	G-120D	G-121	G-122	G-123	G-124
Monitoring Well Completion Date	5/15/80	5/16/80	5/3/82	4/30/82	5/3/82	6/15/84
Ground Surface Elevation (ft MSL)			702.2	704.8	706.2	712.9
Total Depth of Boring (ft)	58.0	84.0	20.0	26.0	24.0	20.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)			5.0	5.0	5.0	10.0
Bottom of Screen - Depth (ft)	58.0	84.0	20.0	25.5	21.5	14.5
- Elevation (ft MSL)			682.2	679.3	684.7	698.4
Top of Seal - Depth (ft)	0.0	60.0	4.0		5.0	1.5
- Elevation (ft MSL)						
Soil Classification at Screen	S	S&G	S&G	S&G	S&G	S
Presence of Clay above screened zone	Yes	Yes	Yes	No	No	No
Thickness of clay above Screened zone	40.0	41.5	1.4	None	None	None
Average Water Elevation	697.3	691.4	691.6	691.2	692.1	701.5
Adjacent Nested Well Number (if any)	G-120D	G-120S	None	None	None	None
Other Location Identifiers	Sta. 15	Sta. 15				

NOTES:
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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-125	G-126	G-127	G-128S	G-128I	G-128D
Monitoring Well Completion Date	6/15/84	6/18/84	6/18/84	6/19/84	6/20/84	6/22/84
Ground Surface Elevation (ft MSL)	713.1	703.4	705.0	705.9	705.9	705.9
Total Depth of Boring (ft)	14.0	20.0	20.0	17.0	29.8	56.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)	5.0	10.0	10.0	10.0	10.0	10.0
Bottom of Screen - Depth (ft)	9.0	17.8	19.0	17.0	29.8	54.5
- Elevation (ft MSL)	704.1	685.6	686.0	688.9	676.1	651.4
Top of Seal - Depth (ft)	0.5	1.0	2.0	2.0	16.0	2.0
- Elevation (ft MSL)						
Soil Classification at Screen	S	S&G	S&G	S&G	S&G	DOL
Presence of Clay above screened zone	No	No	Yes	Yes	Yes	Yes
Thickness of clay above Screened zone	None	None	1.5	2.0	2.0	2.0
Average Water Elevation	705.5	691.5	692.0	692.0	692.3	691.0
Adjacent Nested Well Number (if any)	None	None	None	G-128I,D	G-128S,D	G-128S,I
Other Location Identifiers						

NOTES:
==========
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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-129	G-130	G-131D	G-131DD	G-132D	G-132DD
Monitoring Well Completion Date	6/25/84	6/25/84	4/8/85	4/8/85	4/9/85	4/9/85
Ground Surface Elevation (ft MSL)	700.9	708.6	704.5	704.5	724.7	724.7
Total Depth of Boring (ft)	18.0	23.4	53.0	63.0	83.0	93.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)	10.0	10.0	10.0 oh	10.0 oh	10.0 oh	10.0 oh
Bottom of Screen - Depth (ft)	17.5	23.0	53.0	63.0	83.0	93.0
- Elevation (ft MSL)	683.4	685.6	651.5	641.5	641.7	631.7
Top of Seal - Depth (ft)	2.0	2.0	43.0	53.0	73.0	83.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	S&G	DOL	DOL	DOL	DOL
Presence of Clay above screened zone	Yes	Yes	Yes	Yes	Yes	Yes
Thickness of clay above Screened zone	7.5	3.8	3.5	3.5	32.8	32.8
Average Water Elevation	693.0	693.6	691.0	690.8	694.9	694.7
Adjacent Nested Well Number (if any)	None	G-136	G-131DD	G-131D	G-132DD	G-132D
Other Location Identifiers						

NOTES:

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SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-133S	G-133D	G-133DD	G-134D	G-135	G-136
Monitoring Well Completion Date	4/16/85	4/16/85	4/16/85	4/17/85	4/17/85	4/29/85
Ground Surface Elevation (ft MSL)	706.0	706.0	706.0	725.8	719.0	708.6
Total Depth of Boring (ft)	21.0	53.0	73.0	108.5	82.0	101.0
Well Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010	0.010	0.010	0.010
Screen Length (ft)	10.0	10.0 oh	20.0 oh	30.0 oh	10.0 oh	30.0 oh
Bottom of Screen - Depth (ft)	21.0	53.0	73.0	103.5	82.0	101.0
- Elevation (ft MSL)	685.0	653.0	633.0	622.3	637.0	607.6
Top of Seal - Depth (ft)	3.0	43.0	53.0	73.5	72.0	71.0
- Elevation (ft MSL)						
Soil Classification at Screen	S&G	DOL	DOL	DOL	DOL	DOL
Presence of Clay above screened zone	No	No	No	Yes	Yes	Yes
Thickness of clay above Screened zone	None	None	None	31.5	19.3	41.8
Average Water Elevation	691.9	690.7	690.5	696.8	691.2	688.3
Adjacent Nested Well Number (if any)	G-133D,DD	G-133S,DD	G-133S,D	None	G-119	G-130
Other Location Identifiers						

NOTES:
==========
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MSL - Mean Sea Level
oh - Open Hole in Bedrock
S - Sand
S&G - Sand and Gravel
Si - Silt
DOL - Dolomite Bedrock

SUMMARY OF WELL CONSTRUCTION DETAILS
Blackwell Landfill
DuPage County, Illinois

	G-137	G-138	G-139
Monitoring Well Completion Date	8/7/86	8/14/86	8/19/86
Ground Surface Elevation (ft MSL)	699.7	706.6	700.1
Total Depth of Boring (ft)	54.5	56.5	56.5
Well Materials	4" PVC	4" PVC	4" PVC
Screen Materials	4" PVC	4" PVC	4" PVC
Slot Size (in)	0.010	0.010	0.010
Screen Length (ft)	10.0	10.0	10.0
Bottom of Screen - Depth (ft)	53.5	54.0	55.5
- Elevation (ft MSL)	646.2	652.6	644.6
Top of Seal - Depth (ft)	40.0	41.0	2.5
- Elevation (ft MSL)			
Soil Classification at Screen	S&G/DOL	Si/DOL	S/DOL
Presence of Clay above screened zone	Yes	No	Yes
Thickness of clay above Screened zone	3.5	None	18.4
Average Water Elevation			
Adjacent Nested Well Number (if any)			
Other Location Identifiers			

NOTES:
==========
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