EPA Region 5 Records Ctr.
210680

DATA REPORT

for the

ENGINEERING EVALUATION AND COST ANALYSIS OF THE FORMER CELOTEX SITE 2800 South Sacramento Avenue Chicago, IL 60623

Prepared for:

ALLIEDSIGNAL, INC.
MORRISTOWN, NEW JERSEY
and
THE CELOTEX CORPORATION
TAMPA, FLORIDA

OCTOBER 1997

Prepared by:

PARSONS ENGINEERING SCIENCE, INC.
1000 JORIE BOULEVARD, SUITE 250
OAKBROOK, IL 60523

Parsons ES Project No. 730577

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OCTOBER 1997

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SECTION 1
INTRODUCTION

1.1 PROJECT OVERVIEW

On 1 November 1996, the United States Environmental Protection Agency (USEPA) entered into an Administrative Order by Consent (AOC) with the AlliedSignal, Inc. and The Celotex Corporation (Respondents) for the property located at 2800 South Sacramento Avenue, Chicago, Illinois (the Site). The AOC stipulates that an Engineering Evaluation and Cost Analysis (EE/CA) would be performed for the Site. Included as an attachment to the AOC was the EE/CA Scope of Work, which outlined the project-specific activities that were required for the completion of the EE/CA.

Parsons Engineering Science, Inc. (Parsons ES) has been retained by the Respondents through a contract with AlliedSignal, Inc. (hereinafter referred to as AlliedSignal) to provide engineering services necessary to complete the EE/CA for the Site. Section IV of the EE/CA Scope of Work stipulates that a Data Report be prepared summarizing the results from data collection activities related to the EE/CA. The submittal of this report fulfills the requirements of the Data Report as stipulated in the EE/CA Scope of Work.

1.2 REPORT ORGANIZATION

Information provided in this Data Report includes:

- Section 2 - Discussion on project background
- Section 3 - Summary of data collection activities
- Section 4 - Discussion on data validation procedures and findings
- Section 5 - Data generated during the EE/CA site investigation

No data interpretation is presented in this report; this will be addressed in subsequent submittals such as the risk assessment and the EE/CA report.

SECTION 2
PROJECT BACKGROUND

2.1 SITE LOCATION AND PHYSICAL SETTING

The Site is located on the west side of Sacramento Avenue between 31st and 27th streets (Figure 2.1). The United States Geological Survey (USGS) reference for the Site location indicates that it is situated in the West 1/2 of the Southwest 1/4 of Section 25, Township 39 North, Range 13 East of the Third Prime Meridian on the Englewood 7.5 Minute Quadrangle. The Site encompasses 24 acres; 18 acres of the property are owned by The Celotex Corporation, and a 6-acre parcel to the south is owned by the Palumbo Corporation et al.

2.2 SURROUNDING LAND USE

The Site is situated amidst a multi-use area that includes residential, commercial, manufacturing, governmental, and industrial establishments. A topographic site layout map is presented on Figure 2.2. The Cook County Correctional Facility is located across from the Site, on the east side of Sacramento Avenue. Residential property/buildings and the Atkinson, Topeka & Santa Fe railroad line adjoin the Site along the north and west property boundaries. Residential homes are also located across from the north portion of the eastern property boundary (on the east side of Whipple Avenue). The south side of the Site is bounded by the No. 3050 Chicago Fire Department, the Bureau of Support Services, and by vacant land owned by the Palumbo Corporation et al. Residential homes are present on the west side of South Albany Avenue along the southwest quadrant of the Site. The Chicago Sanitary and Ship Canal is located approximately 1,500 feet south of The Celotex Corporation property.

2.3 SITE BACKGROUND

The Site formerly housed several manufacturing-related buildings including a large warehouse, smaller storage sheds, an enclosed tank area, and an office building. All buildings have been razed, demolished, and removed from the Site. The only remnants of

the manufacturing operation currently visible on site are the concrete slabs. Areas not overlain by concrete are covered by soil with sparse vegetation (a soil cover was placed over the Site subsequent to the completion of demolition activities). The Site is surrounded by a chain-link fence, and 24-hour security service is present in a trailer located at the main gate entrance from Sacramento Avenue.

In 1989, the IEPA initiated a process that resulted in the Site being placed in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). Also in 1989, the IEPA performed the first Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site evaluation, which resulted in the preparation of a Preliminary Assessment Report by the IEPA. Subsequent investigations included a screening site inspection (SSI) in 1991, an expanded site inspection (ESI) in 1992, and a listing site inspection (LSI) in 1993. In 1993, a USEPA Technical Assistance Team assessed the Site. On 8 November 1994, the USEPA issued a Special Notice of Liability and a 104(e) Information Request Letter to the Respondents. The special notice letter requested the Respondents to perform sampling in residential areas in the vicinity of the Site to determine the extent and degree of carcinogenic polynuclear aromatic hydrocarbon (PAH) contamination, prepare an EE/CA, and perform remediation as appropriate.

The Respondents signed an informal agreement with the USEPA in July 1995. Under the informal agreement, the Respondents investigated PAH levels on approximately 50 residential properties within a defined study area (a 2,500-foot radius from the Site). This investigation evaluated the magnitude and extent of PAHs associated with the soils in the residential community surrounding the Site. The Respondents have completed this detailed residential soil sampling program, and have prepared a risk assessment based on the analytical results from the investigation. The risk assessment incorporates both deterministic and probabilistic methodologies to determine risk-based cleanup objectives for the impacted community. The composition of the Site's soil cover was also evaluated by

the Respondents during recent on-site sampling activities. The reports generated from these sampling efforts and submitted to the USEPA are as follows:

- Residential Sampling Data Report, ERM-North Central, 1995
- Results of the Celotex Site Cover Soil Sampling, ERM-North Central, 1995
- Deterministic and Probabilistic Calculations to Estimate Risk-Based Cleanup Goals for Soils at Residences Near the Site, Alceon Corporation, 1996

Furthermore, in accordance with the requirements of the AOC, on 26 November 1996 the Respondents submitted the draft work plan for the EE/CA to the USEPA Region V for their review and comment. This work plan was approved by the USEPA in March 1997. Subsequently, in May 1997, the Draft Residential Area Conceptual Work Plan (RACWP) was submitted by the Respondents to the USEPA Region V for their review and comment. The RACWP was approved by the USEPA in October 1997. The Respondents are currently preparing a Phase II Residential Area Sampling Plan that will outline additional sampling activities in the residential community based on the adaptive sampling approach proposed and discussed in the RACWP.

Other site-related issues include activities performed by The Celotex Corporation to address the concerns of the City of Chicago and the State of Illinois relative to the surface water runoff at the Site. The Celotex Corporation evaluated the existing storm sewers on the Site to assess steps needed to mitigate uncontrolled surface water runoff from the Site. During the period of June-July 1997, at the request of the City of Chicago, The Celotex Corporation performed an extensive resurfacing/recontouring of the Site and installed a redesigned on-site drainage system that connected to the off-site City of Chicago sewer lines.

2.4 SITE CHRONOLOGICAL HISTORY

The following discussion provides a brief summary of the Site's history. The information provided herein was compiled from past reports prepared by the Illinois Environmental Protection Agency (IEPA) and ERM, Inc.

Prior to 1910, the property known as the Site was owned by the Maxwell brothers and was operated as a farm and/or homestead. Between 1910 and 1911, the use of the property is not known. From 1911 until 1982, the Site was used by various companies involved in the manufacturing, storing, and distribution of asphalt-roofing products. The following is a general itemization of the property's use during the period from 1911 to 1993:

1911 to 1967	Barrett Paving Materials manufactured roofing singles.
1911 to 1970	Barrett and Allied Chemical Corporation (until 1958 known as the Allied Chemical and Dye Corporation) operated a coal-tar distillation and roofing plant.
1940s	Allied Chemical began the asphalt mixing plant.
1942	Reportedly the first date that Allied Chemical was recorded as an owner of parcel(s) associated with the Site.
1967	The Celotex Corporation bought the assets of the Barrett Division of Allied Chemical Corporation, including the Chicago roofing plant and some of its properties. Allied Chemical continued to operate the tar plant.
January 1970	The tar plant operated by Allied Chemical was shut down.
January 1972	Allied Chemical sold two additional parcels of Site property to The Celotex Corporation.
September 1975	Allied Chemical sold another two parcels of Site property to The Celotex Corporation. Allied Chemical sold the tar plant property to Service Welding and Cleaning Company (SWCC). Allied Chemical subsequently leased a building from SWCC to operate a sealer plant.
1977	Allied Chemical closed the sealer plant.
1979	Allied Chemical sold the asphalt mixing facility to Barrett, who continued its operation.
1980	The Celotex Corporation bought additional property from Allied Chemical.

1989	Barrett sold the asphalt mixing plant to Monarch Asphalt Company, who subsequently dismantled the plant, but retained ownership of the parcel.
1991-1993	Demolition of Site structures began in late 1991 and was completed in 1993.

2.5 GEOLOGY AND HYDROLOGY

2.5.1 General to the Area

In 1990, the Illinois State Geological Survey (ISGS) researched information on the geology and hydrology of the area in which the Site is located and provided the information to a previous consultant. The information provided by the ISGS includes the following:

"Subsurface deposits to bedrock, as described in ISGS Circular 542, 'Stack-Unit Mapping of Geological Materials (Berg and Kempton, 1988)' consists of a discontinuous deposit of the Equality Formation, specifically the Carmi Member. This is a deposit consisting primarily of silts and clays. This material overlays a greater than 20-foot thick deposit of the silty and clayey diamictons of the Wedron Formation. Bedrock in this region is primarily Silurian dolomite, although there are also some Devonian-age dolomite. Bedrock is located within 20 to 50 feet of the surface in the northern two-thirds of section 25. These materials vary in permeability.

"Aquifers in the area of interest are developed in the Upper Bedrock and Mississippi Valley aquigroups, as detailed in 'ISGS Cooperative Groundwater Report 10, Geology, Hydrology and Water Quality of the Cambrian and Ordovician Systems in Illinois, Visocky, Sherrill and Cartwright, 1985.' There is no available information from well logs in section 25 from the ISGS. There are, however, two well logs from the northwest quarter of section 30-T39N-R14E, the section located east of 25-T39N-R13E. These logs indicate that water is obtained from limestone at an average depth of 79 feet beneath the surface.

"Depth to water table is variable and generally shallow; within 6 to 10 feet of the surface where undisturbed, but may vary considerably over/in disturbed areas. The topographic map of the region indicates that this area is highly developed and has been

since at least the 1920s (U.S.G.S. Topographic Map, 7.5 minute series, Englewood Quadrangle, 1929, 1963 photo revised 1972, 1980). Soil survey and wetlands map information indicate marshy conditions; this area has a seasonal high water table and wetness is a severe limitation which is difficult to overcome (U.S.D.A Soil Survey of DuPage and Parts of Cook Counties, 1979; Englewood Quadrangle, 1984, U.S.D.I., 7.5 minute series, National Inventory Map).

"Direction of groundwater flow in the area is unknown, but usually mimics the flow of surface water in the area. Since this area is highly developed, local groundwater flow may vary considerably from that observed on the surface. Groundwater, however, will tend to flow southeast, in the direction of the South Branch of the Chicago River and Lake Michigan."

2.5.2 Site Specific

2.5.2.1 Geology

Based on the lithological evaluation of the soil material contained in the split-spoon samplers collected during the EE/CA field investigation program, Parsons ES collected site-specific information on the Site's geology. This information is described in this subsection.

The subsurface deposits at the Site consisted primarily of silts and clays. The surface material of sections A through F consisted of brown to dark brown-colored silty clays with gravel, sand, and the intermittent presence of construction debris. Several areas in section C were grass covered. The thickness of the surface fill material ranged from 0.5 to 2 feet. The surface fill material was underlain by a lower layer of fill material that consisted of clay, silts, sands, gravel, construction materials, rail ties, cinders, tar/asphalt, and concrete. The thickness of the lower fill material ranged from 0.5 to 20 feet. The lower fill material was underlain by olive-brown colored silty clay with gravel and sand followed by gray to dark gray colored silty clay. Within the fill there were also occasional pockets of silt or sand. The thickness of the clay layer ranged from 1.5 to 16 feet. Five cross-sections were drawn for the Site (Figure 2.3) based on the lithological assessment of the soil samples.

These cross-sectional drawings are presented herein as Figures 2.4 through 2.8. Appendix A contains the boring logs generated from the field program. In cross-sections G and F, several borings indicated the presence of peat interbedded with fine sand at thicknesses ranging from 2 to 18 feet in borings located near the southeast side of the property. This peat/sand combination is believed to be native materials of the Equality Formation.

2.5.2.2 Hydrology

During drilling operations performed as part of the EE/CA field investigation program, water was encountered in isolated areas in minimal quantity. The depth to water was also highly variable over the entire site. Groundwater was found to exist generally in isolated pockets, usually associated with fill materials. Fill and native soils tended to be low permeability clays and silty clays. Porous materials like sand and gravel, most often tended to be unsaturated. Because of these conditions, it is believed that within a depth of 20 to 25 feet, subsurface water exists only in isolated pockets and not within a continuous flow zone. Attempts to sample site groundwater within this depth range were, in fact, hampered by the scarcity of saturated materials beneath the site. Temporary well points installed as part of the field investigation experienced little or no groundwater accumulation or recharge; therefore, groundwater flow direction could not be defined.

2.6 METEOROLOGY RELATIVE TO THE SITE

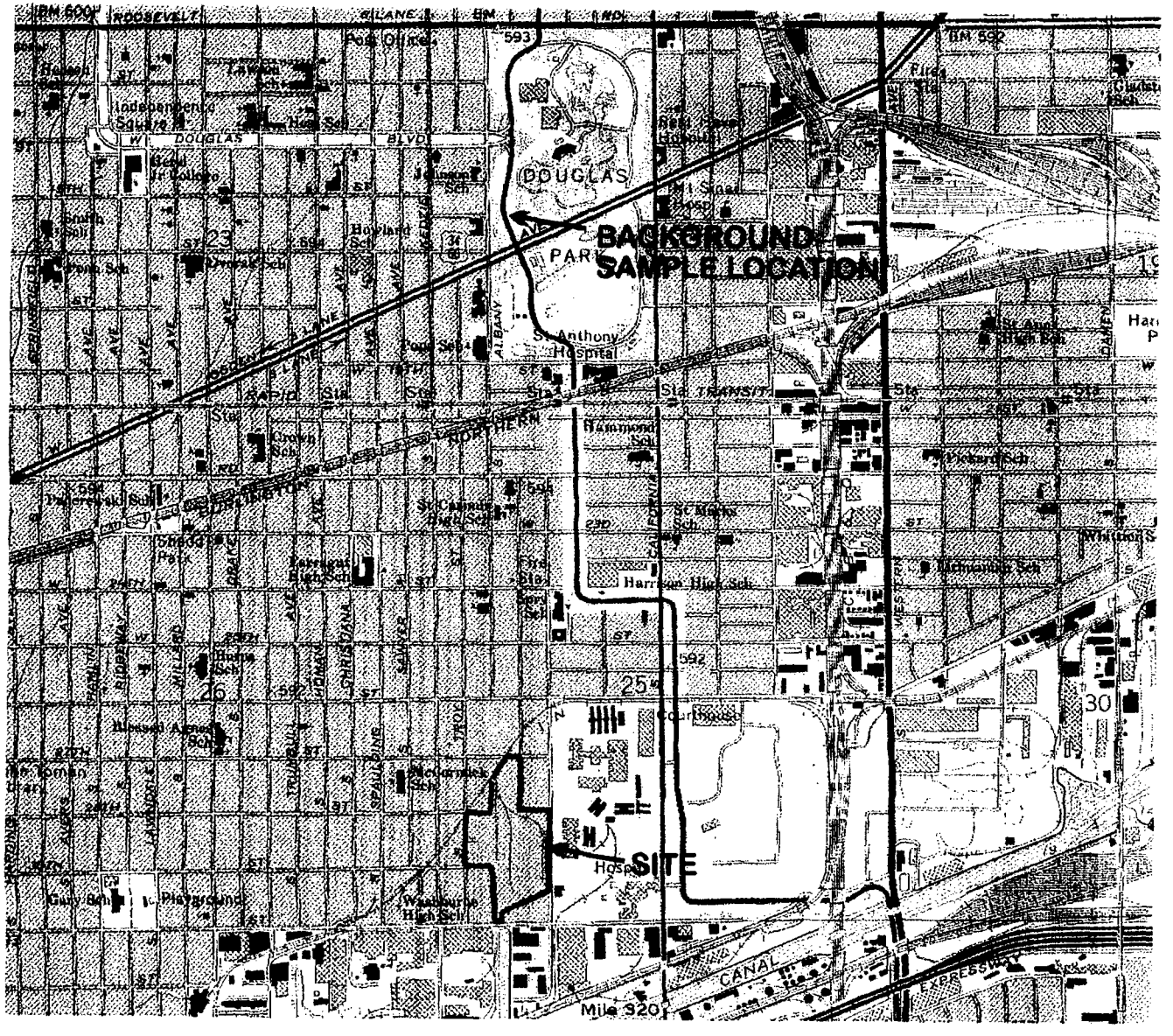
As stated previously, the Site is located at 2800 South Sacramento Avenue, Chicago, Illinois, in an urban setting. The prevalent wind direction in the Chicago area is westerly and the climate is continental, which can result in hot weather in summer and severe cold in the winter. An easterly wind from Lake Michigan can produce a semi-marine climate and can result in cooler summers and milder winters.

The average seasonal temperatures as summarized from 1928 through 1996 are shown below:

SEASON	AVERAGE TEMPERATURE		
	Maximum	Minimum	Mean
Annual	59.3	41.7	50.5
Winter	33.1	18.5	25.8
Spring	58.7	40.1	49.5
Summer	82.6	63.4	73.0
Fall	62.7	45.0	53.9

The average seasonal precipitation as summarized over the period from 1928 through 1996 is shown below:

SEASON	TOTAL PRECIPITATION		
	High	Low	Mean
Annual	49.64	15.66	37.38
Winter	13.79	1.45	6.05
Spring	17.02	2.80	10.34
Summer	21.69	4.97	11.81
Fall	19.33	2.07	9.18



VICINITY MAP

SOURCE: 7.5 MINUTE QUADRANGLE MAP OF ENGLEWOOD, IL. DATED 1963, PHOTOREVISED 1972 & 1980.

SITE PLAN

2000 0 2000

SCALE IN FEET

PARSONS ENGINEERING SCIENCE, INC.

SITE LOCATION MAP

AlliedSignal, Inc./The Celotex Corporation

FIGURE 2.1

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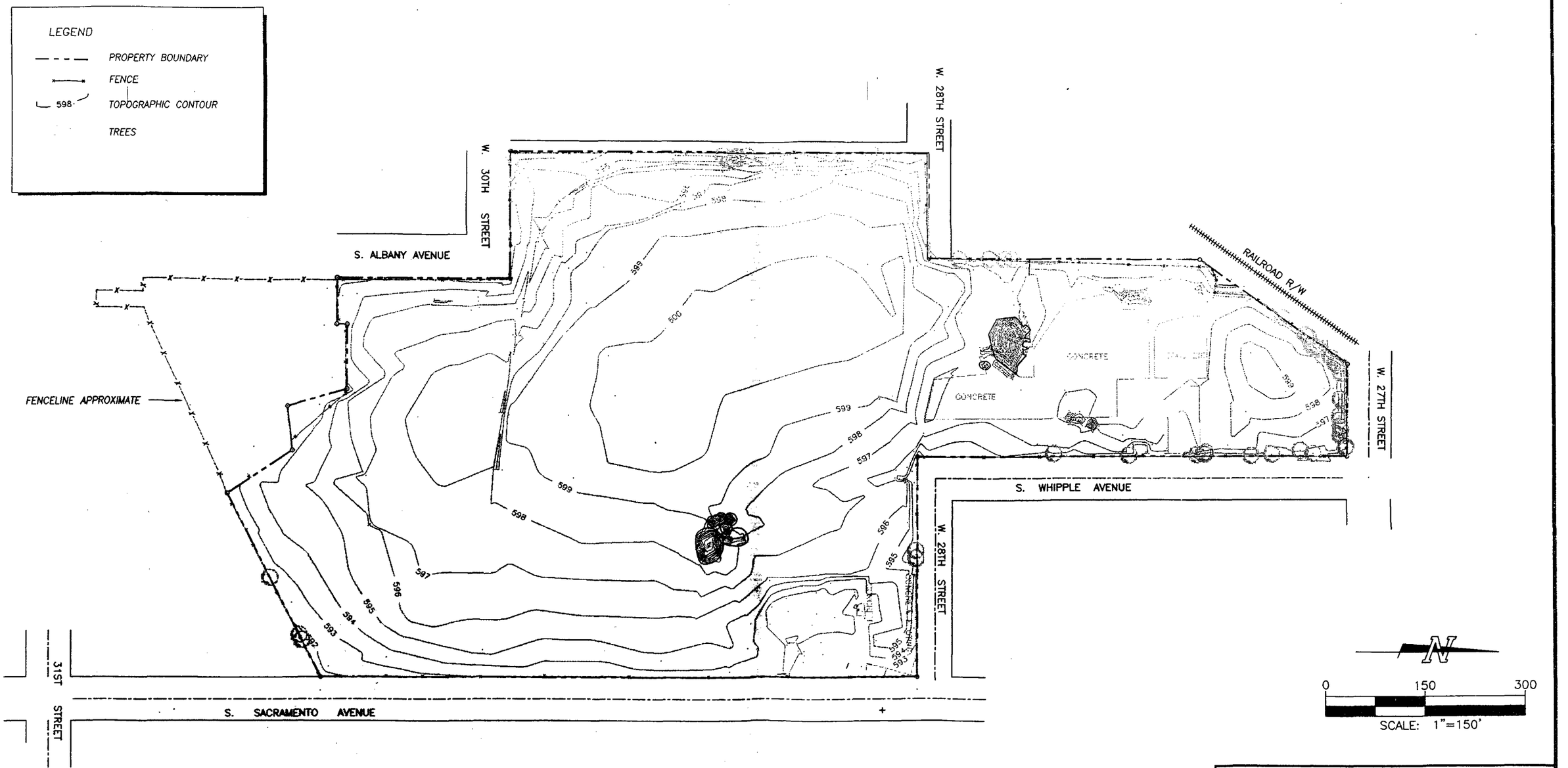

SOURCE: SITE MAP BASED ON FILE No. WAS BASED ON SITE DRAWING PROVIDED BY WESTSHORE ENGINEERING AND SURVEYING, INC. (FILE No. WS-440-11, 5-16-96)

FIGURE 2.2

AlliedSignal, Inc./The Celotex Corporation

TOPOGRAPHIC SITE MAP

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD. * OAKBROOK, IL 60523 * (630) 990-7200
OFFICES IN PRINCIPAL CITIES

DATE: 9/26/97
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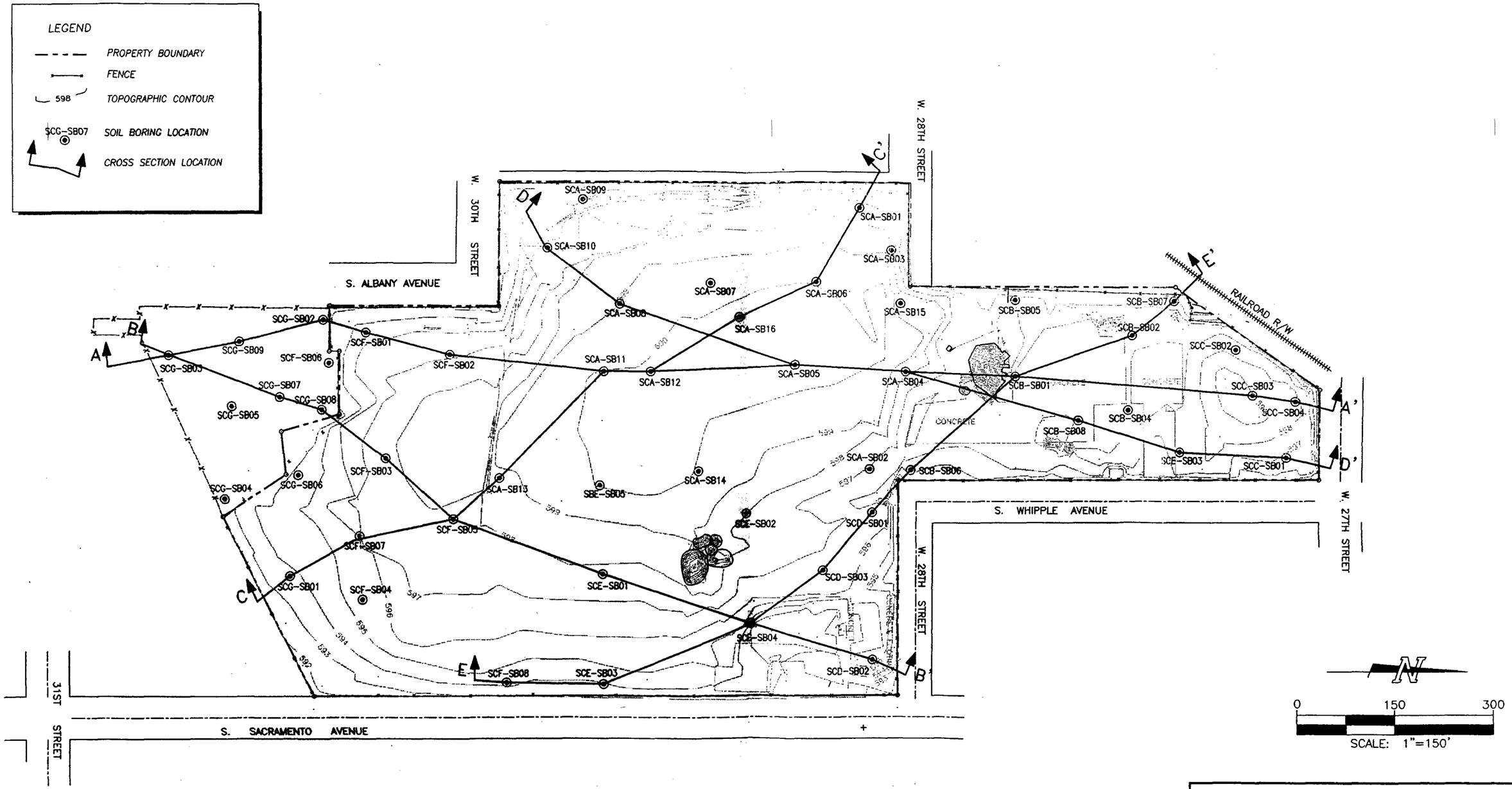

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FIGURE 2.3

AlliedSignal, Inc./The Celotex Corporation

CROSS SECTION LOCATION MAP

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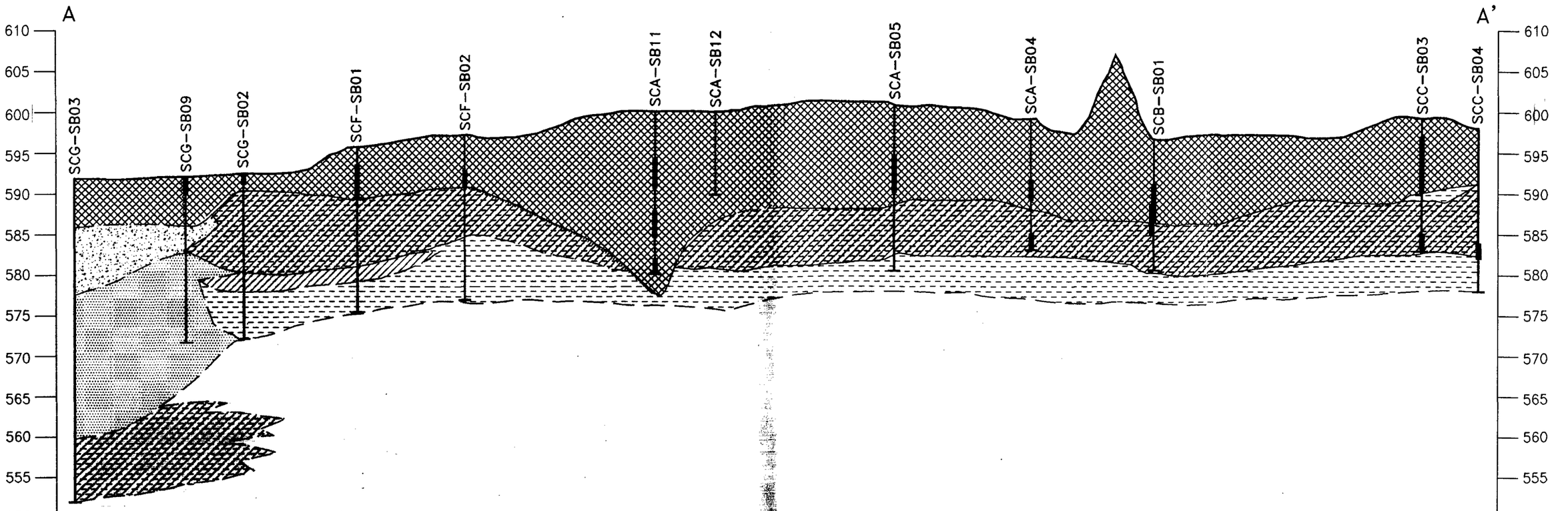
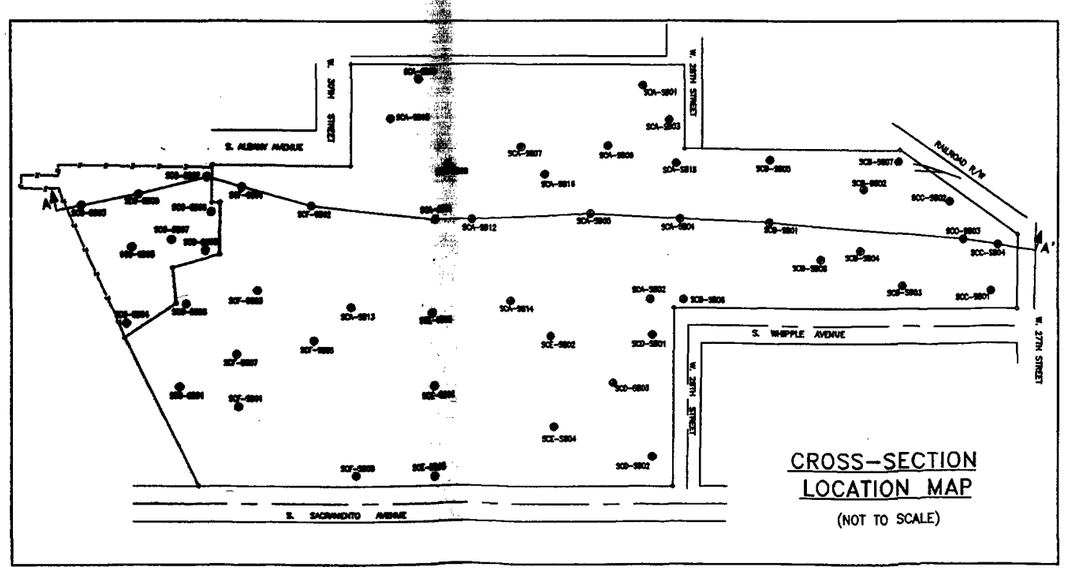
OFFICES IN PRINCIPAL CITIES





CROSS-SECTION LOCATION MAP
(NOT TO SCALE)

LEGEND

- FILL
- SILT
- CLAY
- PEAT
- POORLY GRADED SAND WITH SILT LENSES
- SANDY CLAY
- SILTY CLAY
- SANDY SILT
- ASPHALT/TAR
- SATURATED MATERIALS
- — — — DASHED WHERE INFERRED

HORIZONTAL SCALE: 1"=125'
VERTICAL SCALE" 1"=5'

DATE: 9/29/97
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FIGURE 2.4

AlliedSignal, Inc./The Celotex Corporation

CROSS SECTION A-A'

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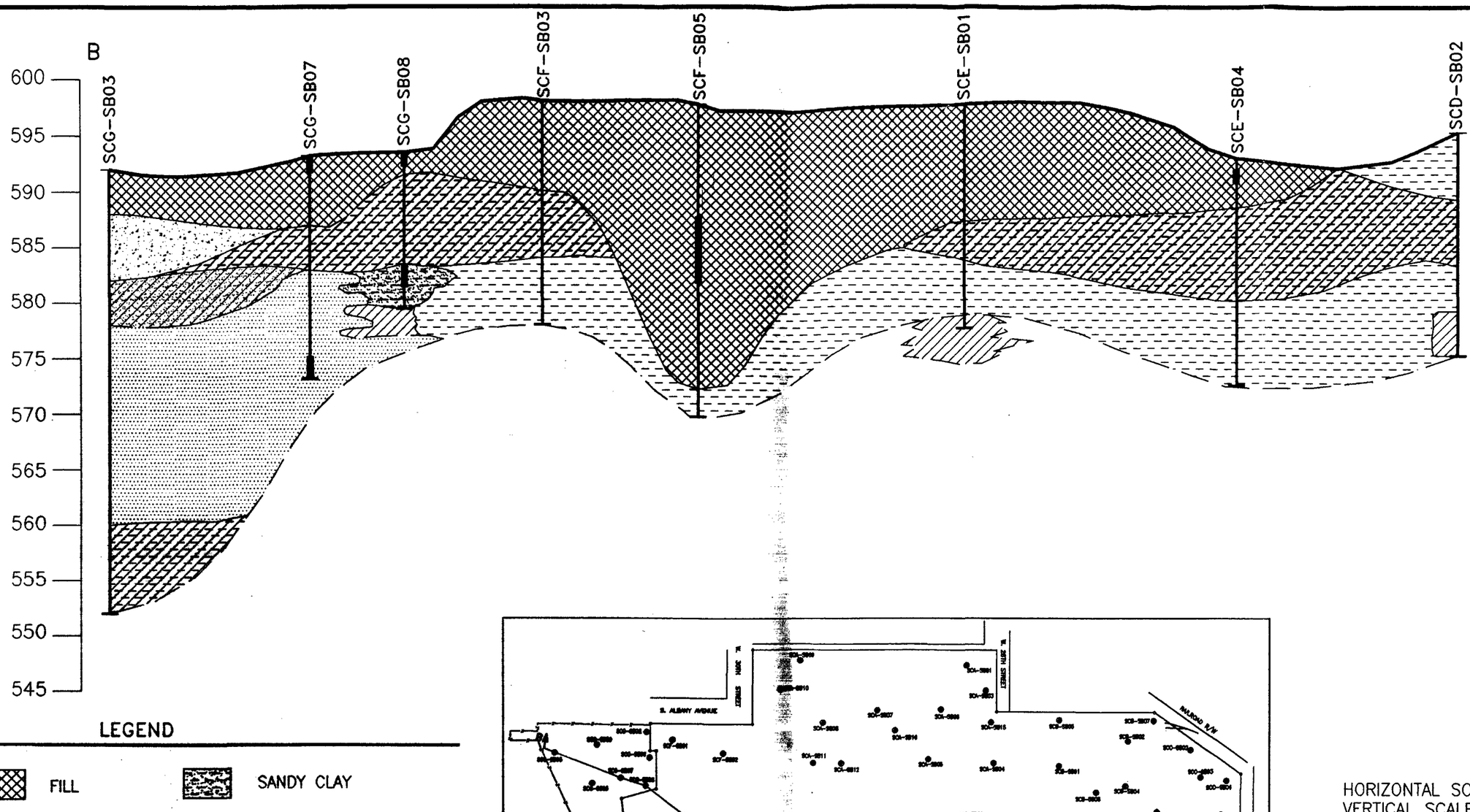
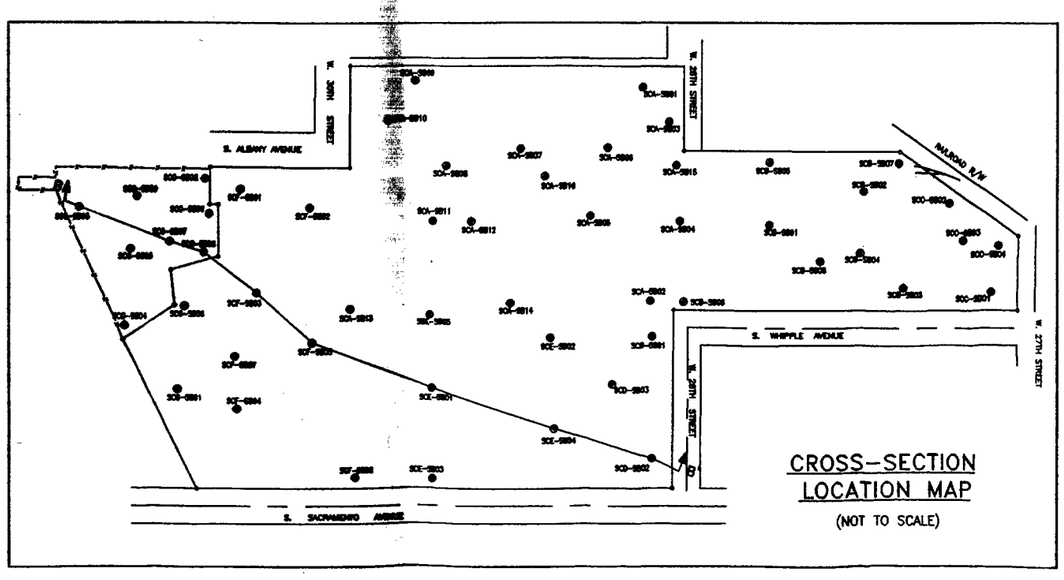


LEGEND

- FILL
- SILT
- CLAY
- PEAT
- POORLY GRADED SAND WITH SILT LENSES
- SANDY CLAY
- SILTY CLAY
- SANDY SILT
- ASPHALT/TAR
- SATURATED MATERIALS
- DASHED WHERE INFERRED



CROSS-SECTION LOCATION MAP
(NOT TO SCALE)

HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE" 1"=10'

FIGURE 2.5

AlliedSignal, Inc./The Celotex Corporation

CROSS SECTION B-B'

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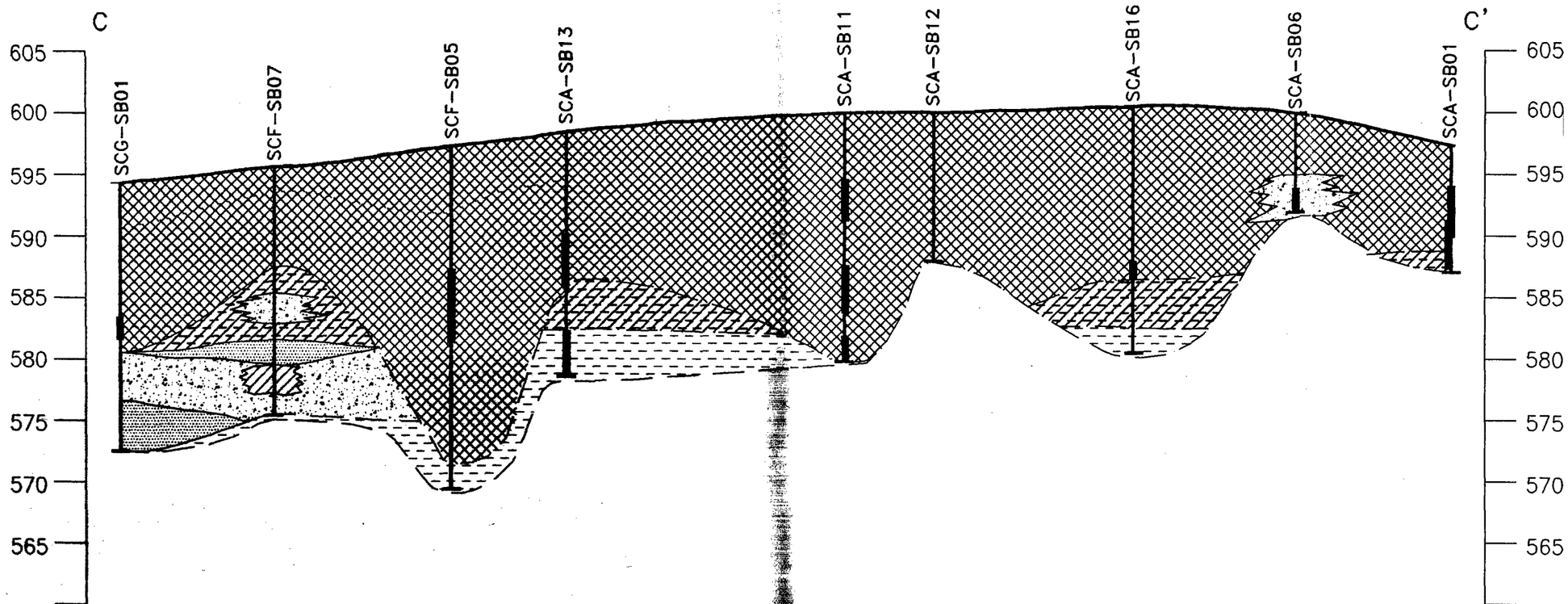
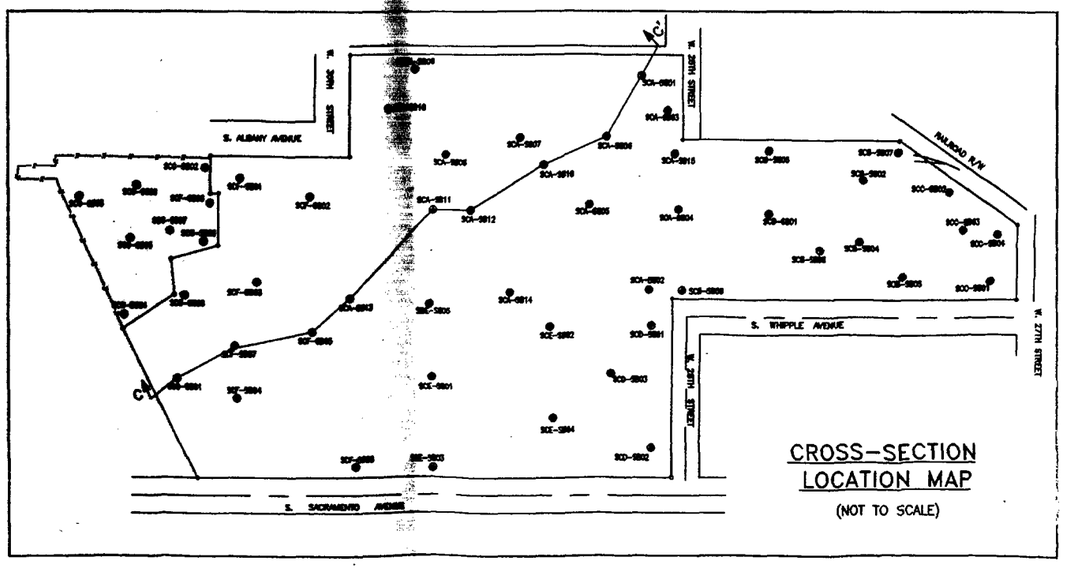
1000 JORIE BLVD. * OAKBROOK, IL 60523 * (630) 990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

- FILL
- SILT
- CLAY
- PEAT
- POORLY GRADED SAND WITH SILT LENSES
- SANDY CLAY
- SILTY CLAY
- SANDY SILT
- ASPHALT/TAR
- SATURATED MATERIALS
- DASHED WHERE INFERRED



HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE" 1"=10'

DATE: 9/29/97
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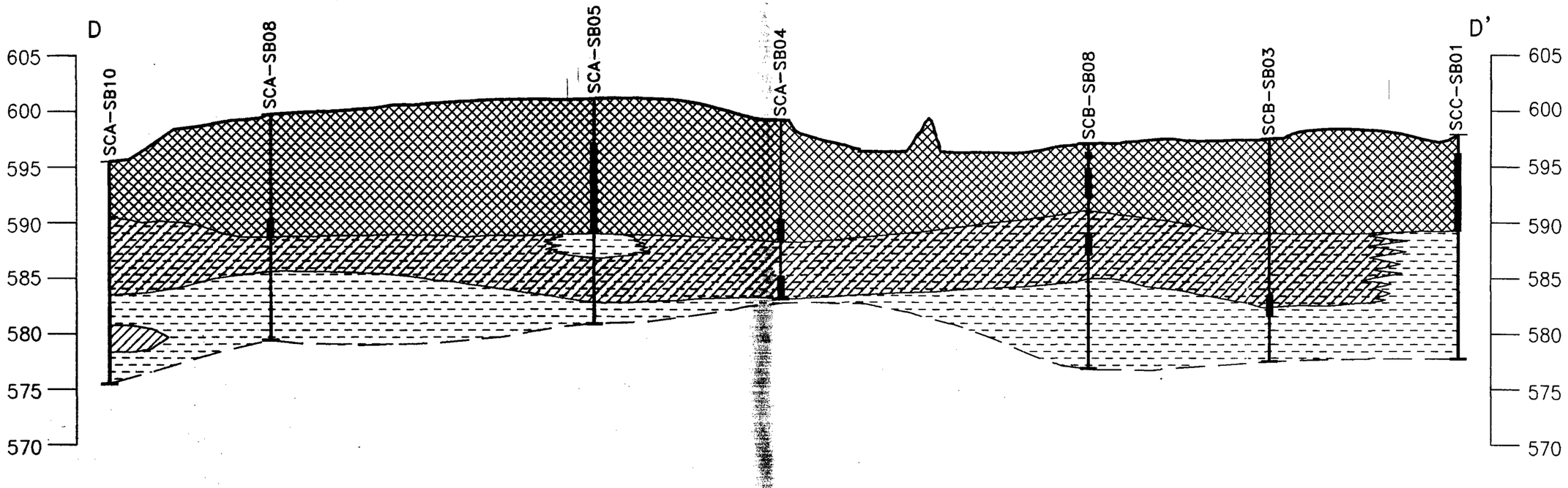
FIGURE 2.6

AlliedSignal, Inc./The Celotex Corporation

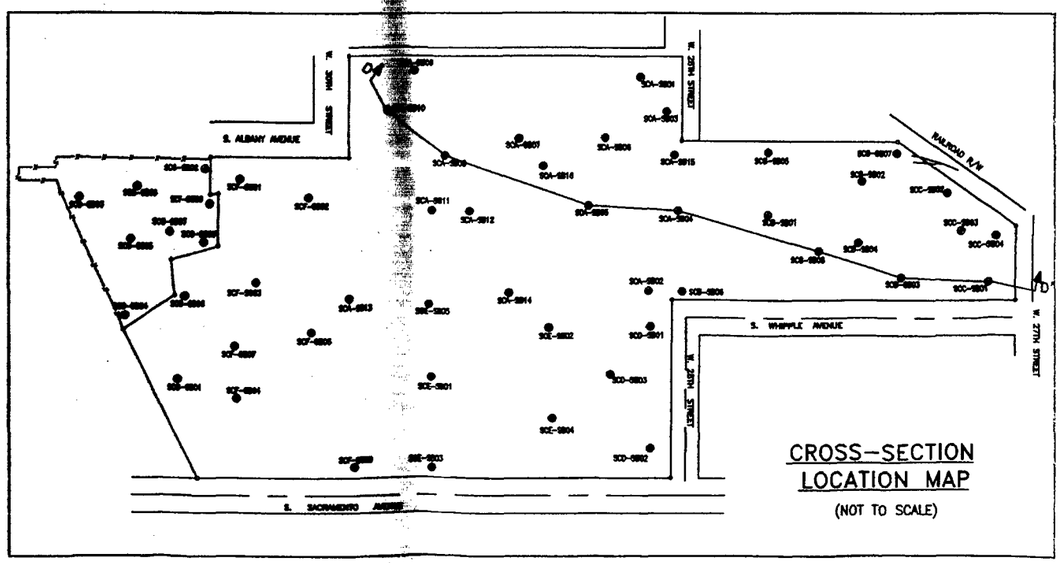
CROSS SECTION C-C'

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD. * OAKBROOK, IL 60523 * (630) 990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

- FILL
- SILT
- CLAY
- PEAT
- POORLY GRADED SAND WITH SILT LENSES
- SANDY CLAY
- SILTY CLAY
- SANDY SILT
- ASPHALT/TAR
- SATURATED MATERIALS
- —— —— DASHED WHERE INFERRED



CROSS-SECTION LOCATION MAP
(NOT TO SCALE)

HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE" 1"=10'

DATE: 9/29/97
R:\DRAWINGS\ALLIEDSI\DATARPRT\30577007.DWG

FIGURE 2.7

AlliedSignal, Inc./The Celotex Corporation

CROSS SECTION D-D'

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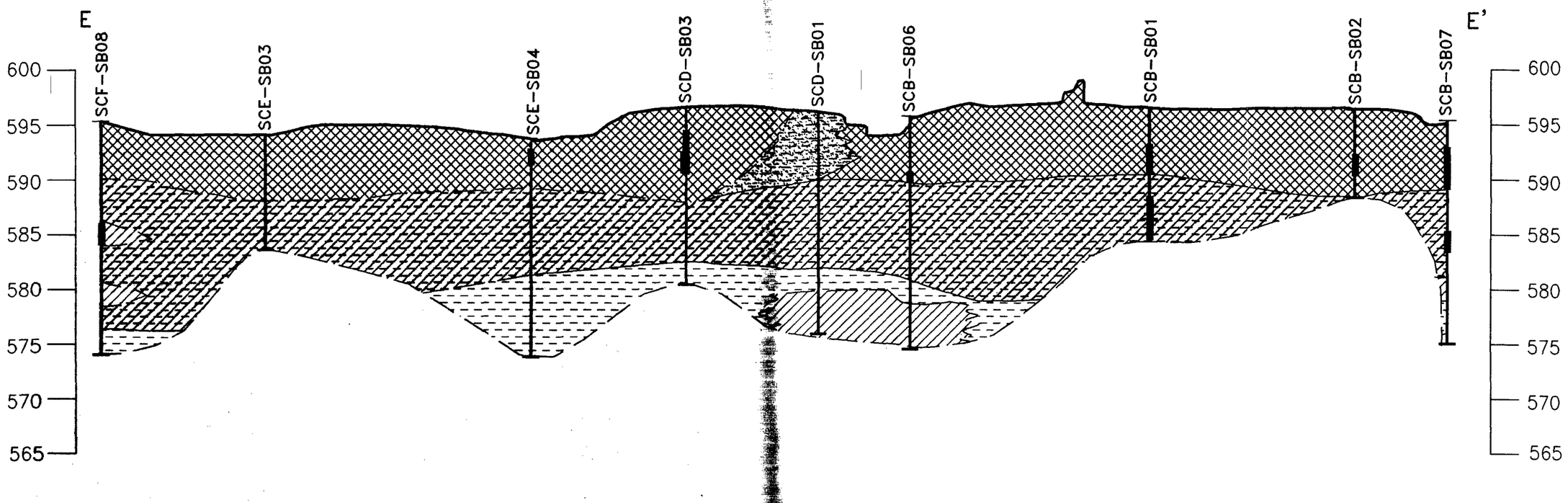
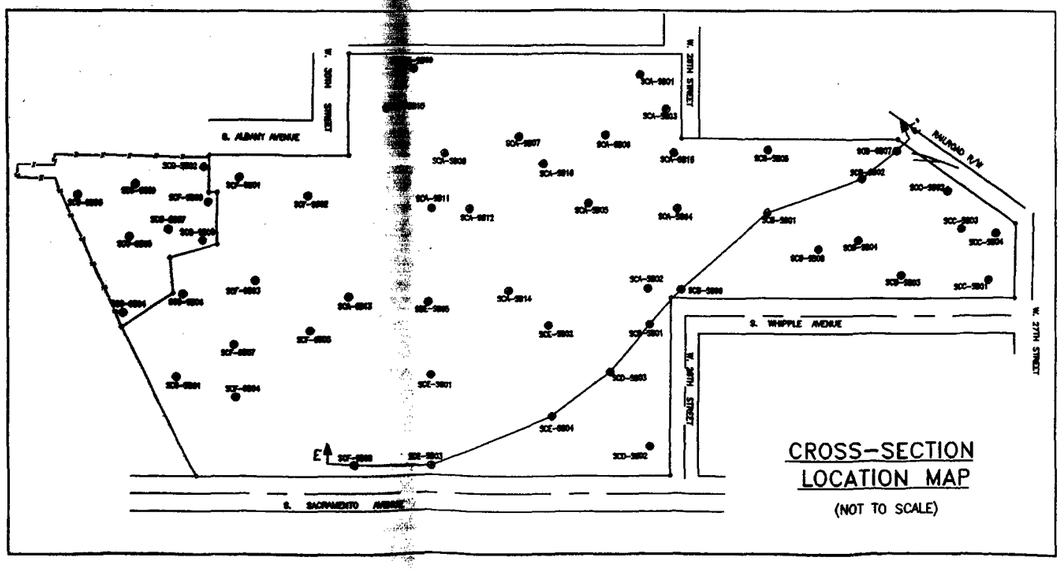


LEGEND

- FILL
- SILT
- CLAY
- PEAT
- POORLY GRADED SAND WITH SILT LENSES
- SANDY CLAY
- SILTY CLAY
- SANDY SILT
- ASPHALT/TAR
- SATURATED MATERIALS
- DASHED WHERE INFERRED



CROSS-SECTION LOCATION MAP
(NOT TO SCALE)

HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE" 1"=10'

DATE: 9/29/97
R:\DRAWINGS\ALLIEDSI\DATARPRT\30577008.DWG

FIGURE 2.8

AlliedSignal, Inc./The Celotex Corporation

CROSS SECTION E-E'

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SECTION 3
DISCUSSION OF DATA COLLECTION ACTIVITIES

3.1 OVERVIEW

The EE/CA main site sampling program was performed during the period of 29 April through 6 June 1997 based on the requirements of the SSP. The following subsections describe the field program with specific reference to the field changes that were made in response to conditions noted or encountered during the field activities. In instances where field activities were performed in accordance with the Final Support Sampling Plan (SSP) this fact is simply noted.

3.2 SOIL INVESTIGATION

3.2.1 Additional Soil Borings

A total of 54 borings were drilled as part of the EE/CA main site sampling program, and each soil sample collected from every interval along the boring was field screened and the VOC headspace results documented. Originally, a total of 51 soil borings were identified in the SSP for this field program, with ten of the 51 borings classified as unassigned miscellaneous locations to be located in the field (Table 3.1). During the execution of the field program, the 10 unassigned borings were installed in areas within Sectors A through F that required supplemental investigation. Subsequently, it was determined that additional borings were needed on the Palumbo property to provide better coverage of this area, and to facilitate a better evaluation of subsurface conditions in the area (it was the stated intent of the investigation to attempt to collect all required information in one sampling event). Following concurrence from the Respondents, three additional borings were installed and sampled in Sector G to supplement the investigation of this area.

Table 3.2 summarizes the samples collected during the EE/CA field program and specifies the analytical parameters for which each sample was analyzed. Figure 3.1

presents the surveyed locations of the soil borings relative to the site elevations that existed during the field sampling program. Figures 3.2 through 3.12 depict the variations in soil VOC headspace results detected during field screening activities. Figure 3.13 shows the locations, depth range, and thickness of asphalt/tar materials across the Site as visually noted during the field program.

3.2.2 Depth of Borings

Originally, as specified in the SSP, at each designated soil sample location, a soil boring was to be advanced until either the groundwater table was encountered or a 20-foot depth below ground surface was reached, whichever occurred first. During the second week of field activities, on-site discussions between the USEPA Region V remedial project manager (RPM), the AlliedSignal project manager, and the Parsons ES project manager, resulted in a few amendments to the rationale for the maximum target depth of the soil borings. It was agreed that a boring could be extended until clean, native materials were encountered below wet, impacted soils and an effort should be made to locate the groundwater table.

3.2.3 Surface Elevation/Higher Elevations

As specified in the SSP, all soil boring locations were surveyed by a licensed Illinois surveyor at the culmination of the field program. The depths of the soil borings and the associated surveyed elevations of the soil boring locations were measured from the ground surface elevations as they existed during the field program. However, the resurfacing/recontouring work and the drainage installation activities that were performed at the Site in June-July 1997 to address surface water run-off issues, completely altered site/soil conditions in approximately the upper 6 feet of the Site (and deeper in a few areas). Some of this resurfacing work required the shifting of site materials from one area of the Site to another to facilitate site recontouring. In other instances, excavation activities associated with drainage trenches altered the order of deposition of material upon replacement. These activities were performed by heavy earth-moving equipment such as

back-hoes, and the monuments that marked the location of the soil borings were destroyed in the process of the Site work. There have been elevation changes to various areas of the Site; therefore, the depths of the some of the samples collected during the EE/CA field sampling program do not correlate with current site elevations. Based on direction from the USEPA Region V RPM, the topographic maps, discussions, and reports generated from the EE/CA field investigation program will be based on site conditions as they originally existed before the Site was reworked.

3.2.4 Shelby Tubes

Originally, as specified in the SSP, Shelby Tubes were to be collected over the course of the field program and selected from predesignated sectors and depths as outline in the SSP (Refer herein to Table 3.1). However, after the subsurface conditions were assessed by the Parsons ES lead field geologist during the field program, it was determined that obtaining geotechnical information on the various substrata encountered during the field program would be more beneficial to the EE/CA study than basing the decision on the predetermined depths, since the locations of the various strata sometimes varied in depth.

3.3 GROUNDWATER INVESTIGATION

3.3.1 Location Change

As stated in the SSP, four specific locations were identified for temporary well point (TWP) installation. However, after the drilling of the soil borings had been completed, several of preselected locations for the TWPs had little to no observable groundwater available for sample collection purposes. Most of the locations had no observable groundwater throughout the entire depth of the borings. In an effort to locate groundwater several TWPs were relocated to areas were saturated soils were encountered during soil boring activities (saturated soils suggested the presence of groundwater).

Temporary well point SCF-TWP4 was installed at soil boring location SCF-SB08 due to the potential for better groundwater recovery; however, no measurable water was recovered during groundwater sampling.

Temporary well point SCG-TWP3 was installed at soil boring location SCG-SB07 location, also due to the potential for better groundwater recovery. During groundwater sampling, enough water was recovered to fill sample containers for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and cyanide.

Temporary well point SCA-TWP1 was water-bearing to a limited degree but slow to recover. At the end of the sampling day, an MS/MSD sample was collected from SCA-TWP1 for VOCs, SVOCs, cyanide, metals, and mercury.

Temporary well point SCB-TWP2 was slow to recover, and only the VOC sample aliquot was collected.

3.3.2 Groundwater Recovery

As stated above, the rate of the groundwater recovery for all but one of the TWPs was extremely slow. One of the TWPs had no groundwater recovery at all. Each of the TWPs had a 10-foot section of PVC screen placed inside the probed point, allowing water to enter the screen. If enough water was present a sample aliquot was collected based on the order of importance discussed in Subsection 3.3.3. Once the groundwater in the well point had been sampled dry, it was left open so that the groundwater level could recover and additional volumes of water be collected for other analytical parameters.

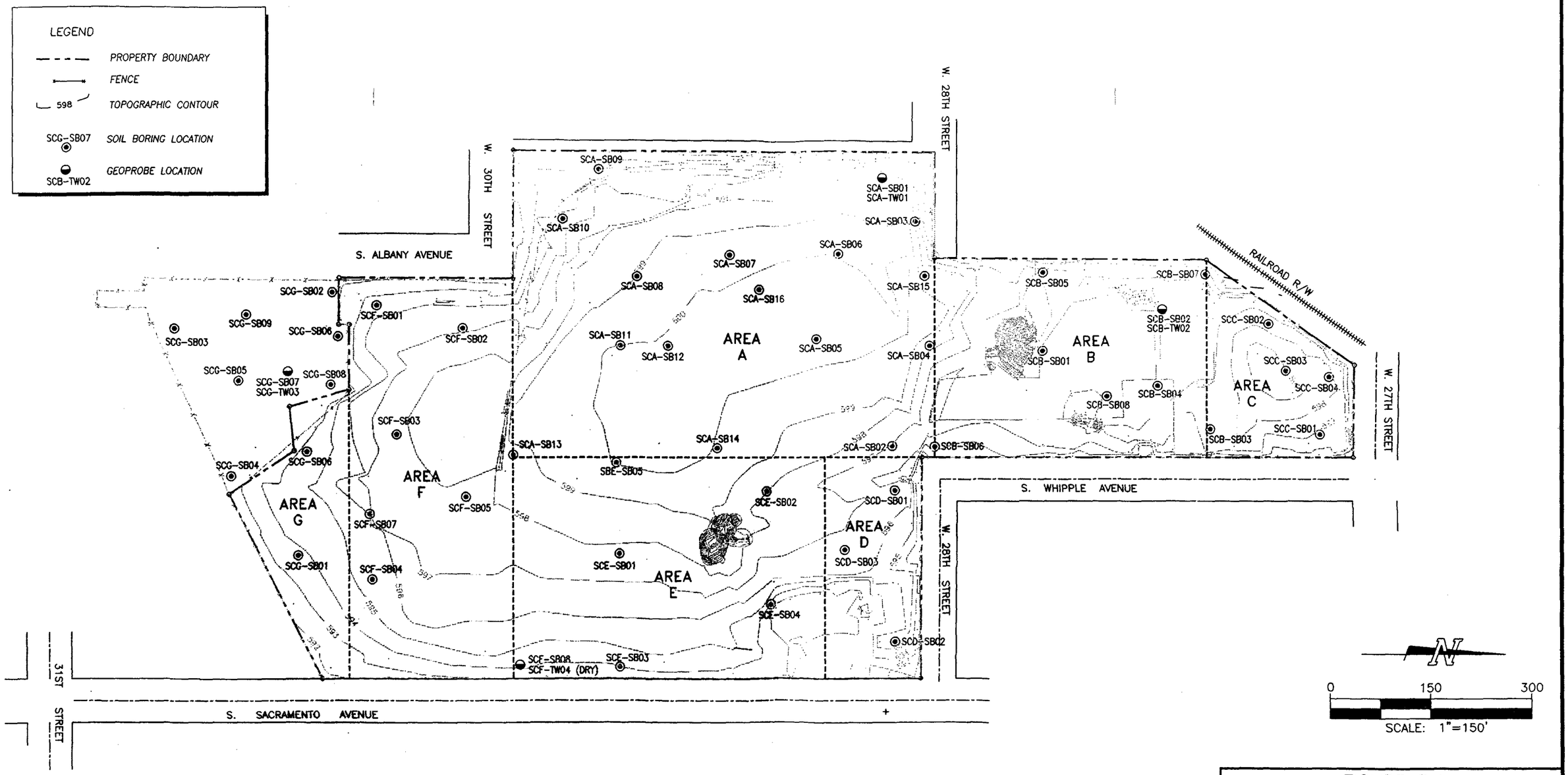
Figure 3.14 shows where saturated soils were encountered during drilling activities and the approximate thickness of the saturated column. Throughout the Site, the presence of these saturated materials appears to reflect water that is entrapped within various pockets of subsurface material and not the presence of any type of water table.

3.3.3 Samples Sent in for Analysis, Degree of Importance

Due to the slow and sometimes non-recovery of the groundwater in the TWPs, the sequence of the samples collected, if any, was based upon the relative degree of importance of the analyte(s) or on which sample aliquot required the collection of the least volume. The first sample aliquots to be collected were VOCs (due to the small volume requirement) followed by SVOCs, and metals/cyanide.

3.4 SEDIMENT INVESTIGATION

The sediment sampling event was performed on Saturday, 31 May 1997. All sample collection activities and laboratory analyses were performed in accordance with the SSP. Figure 3.15 shows the locations from where the sediment samples were collected.



SOURCE: SITE MAP BASED ON FILE No. WAS BASED ON SITE DRAWING PROVIDED BY WESTSHORE ENGINEERING AND SURVEYING, INC. (FILE No. WS-440-11, 5-16-96)

FIGURE 3.1

AlliedSignal, Inc./The Celotex Corporation

SOIL BORING LOCATION MAP

PARSONS ENGINEERING SCIENCE, INC.
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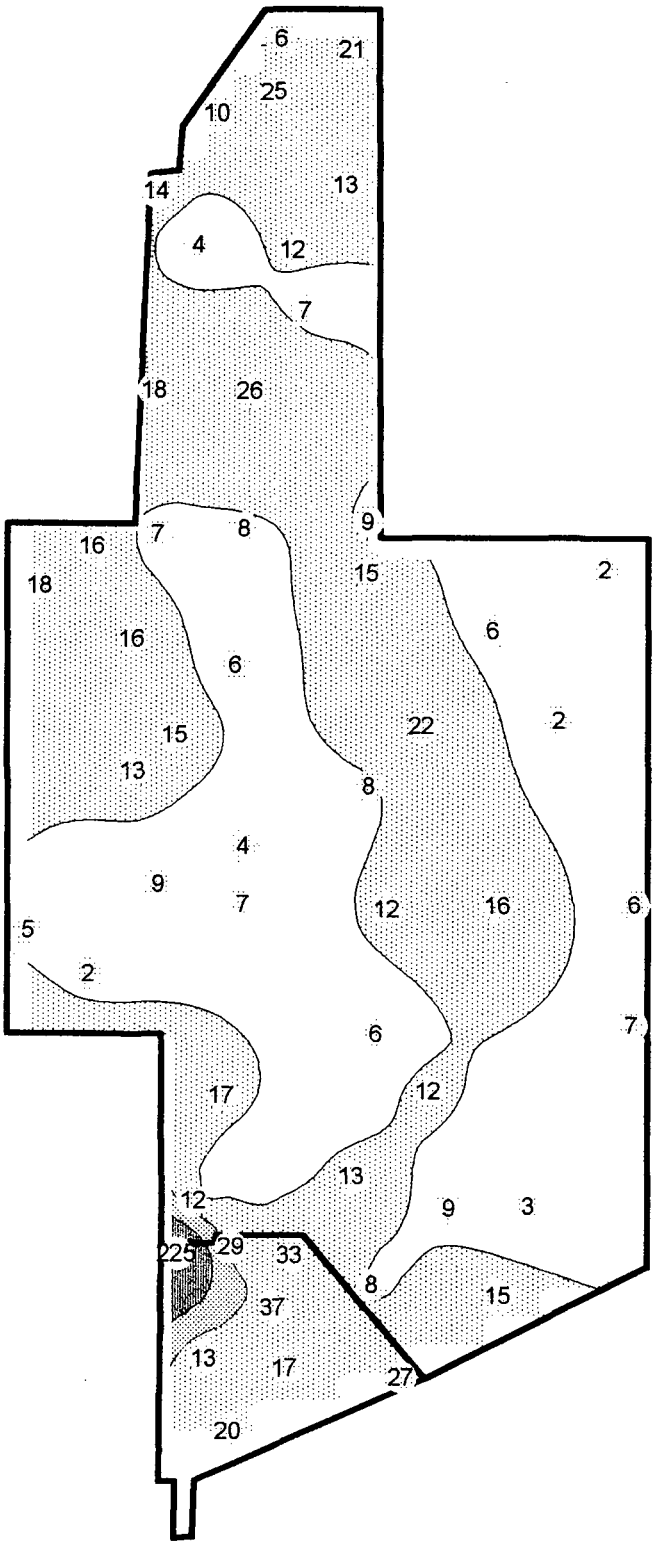
OFFICES IN PRINCIPAL CITIES

DATE: 10/16/97
R:\DRAWINGS\ALLIEDSI\DATARPRT\30577012.DWG



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

head01.srf

FIGURE 3.2

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (0 to 0.5 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 253 * OAK BROOK, IL 60523 * (630)990-7300

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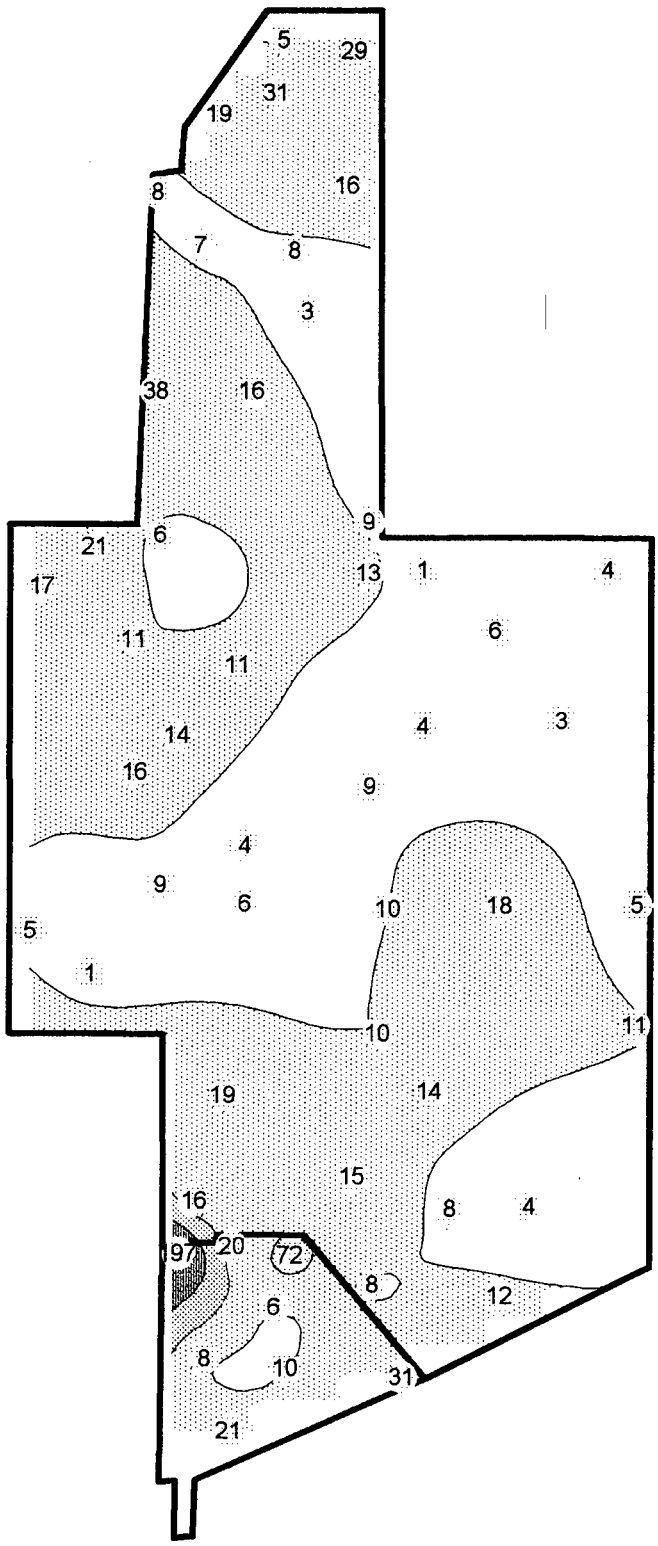


LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

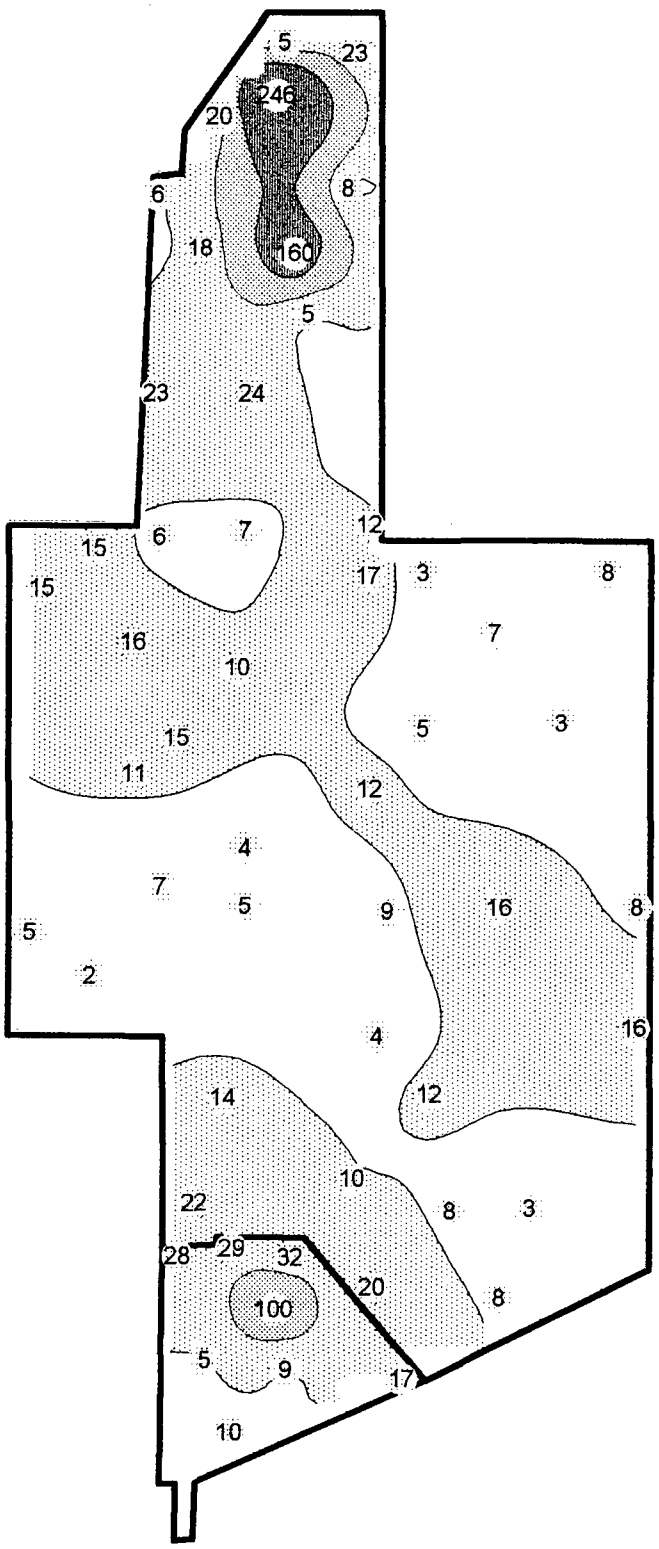
head12.srf

FIGURE 3.3

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (1 to 2 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60523 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

790 HEADSPACE READING (ppm)

NOT TO SCALE

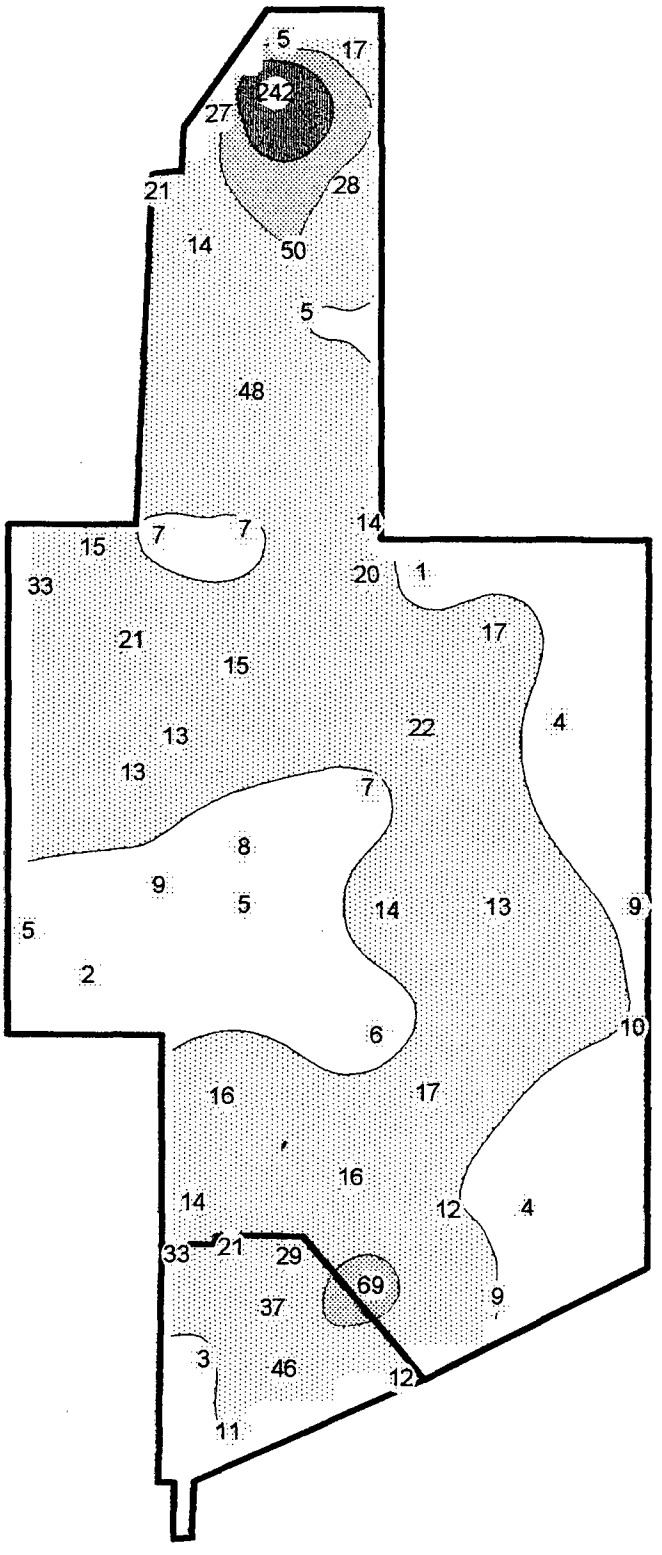
head24.srf

FIGURE 3.4

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (2 to 4 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 260 * OAK BROOK, IL 60523 * (630)850-7300
OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

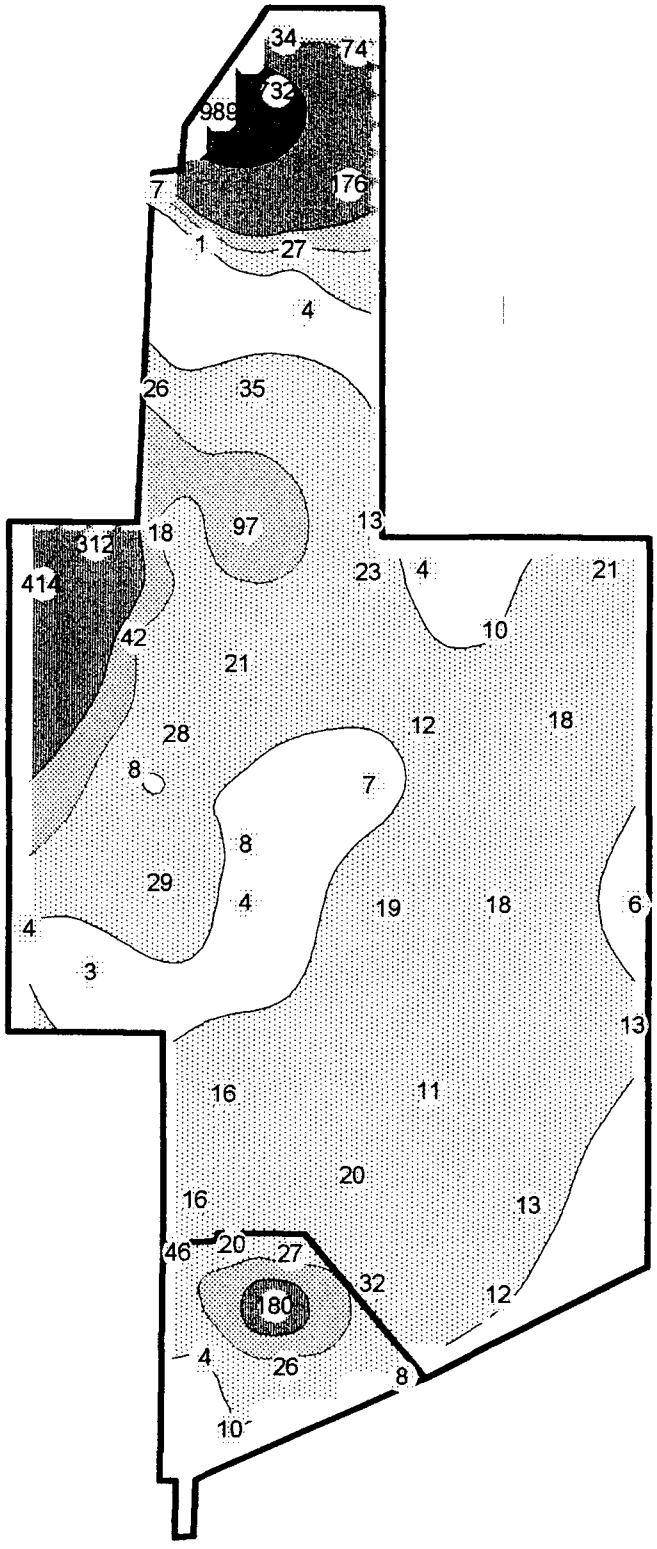
head46.srf

FIGURE 3.5

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (4 to 6 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

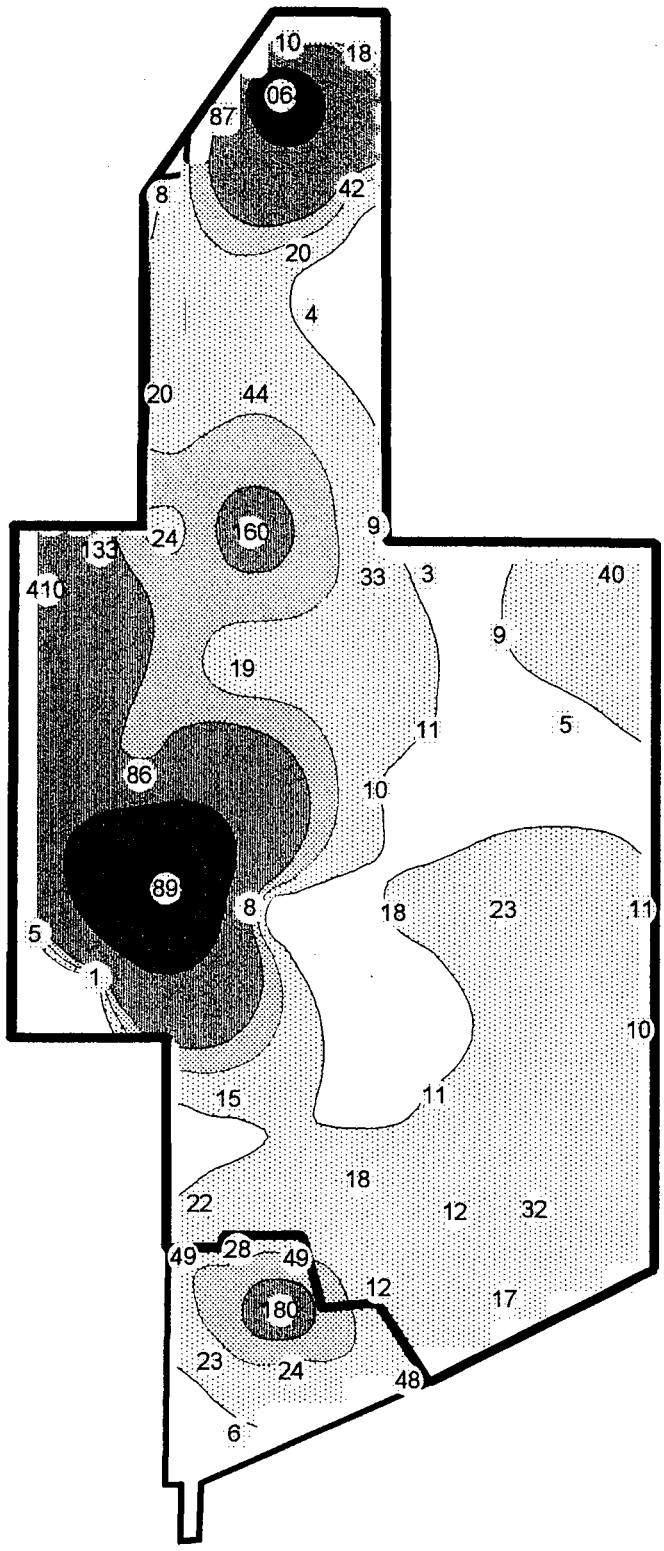
head68.srf

FIGURE 3.6

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (6 to 8 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 200 * OAK BROOK, IL 60521 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

head810.srf

FIGURE 3.7

AlliedSignal, Inc./The Celotex Corporation

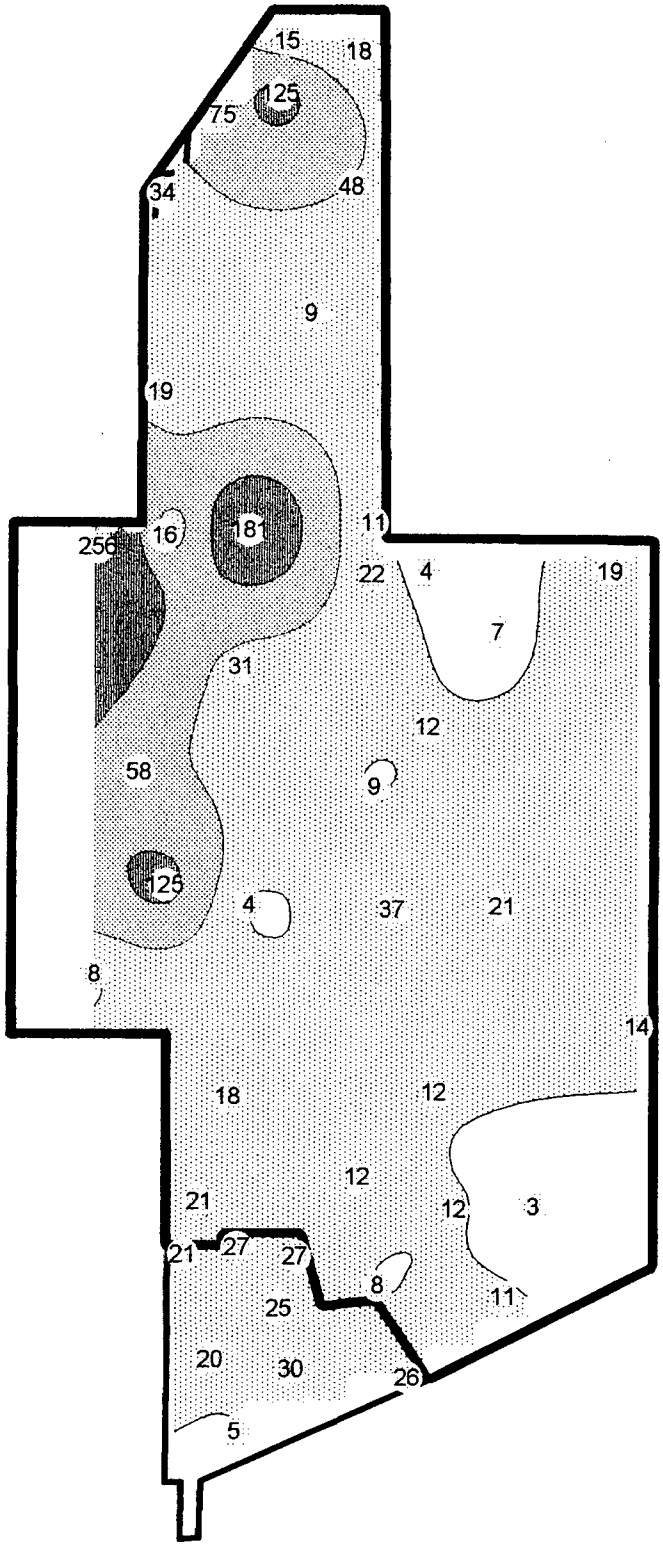
DISTRIBUTION OF HEADSPACE READINGS (8 to 10 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 350 * OAK BROOK, IL 60521 * 630/990-7300

OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

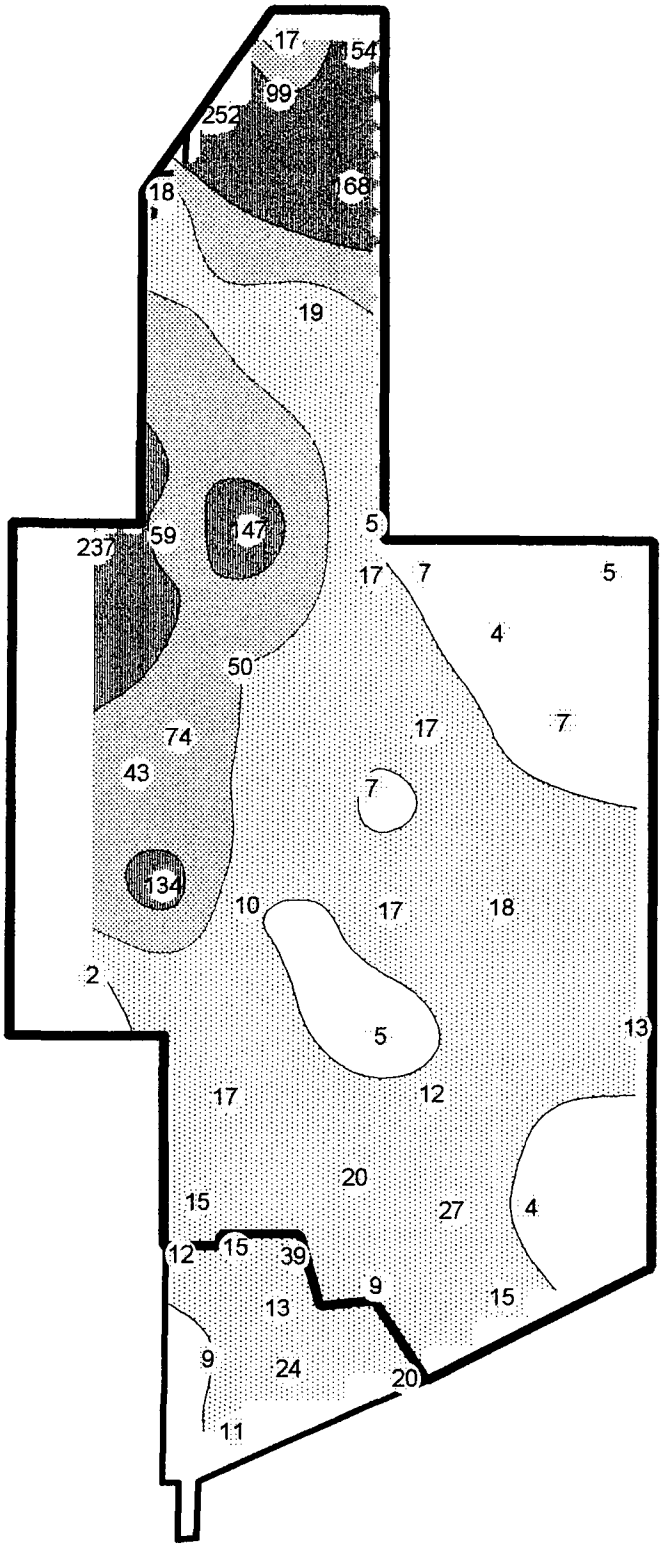
head1012.srf

FIGURE 3.8

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (10 to 12 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 380 * OAK BROOK, IL 60523 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

head1214.srf

FIGURE 3.9

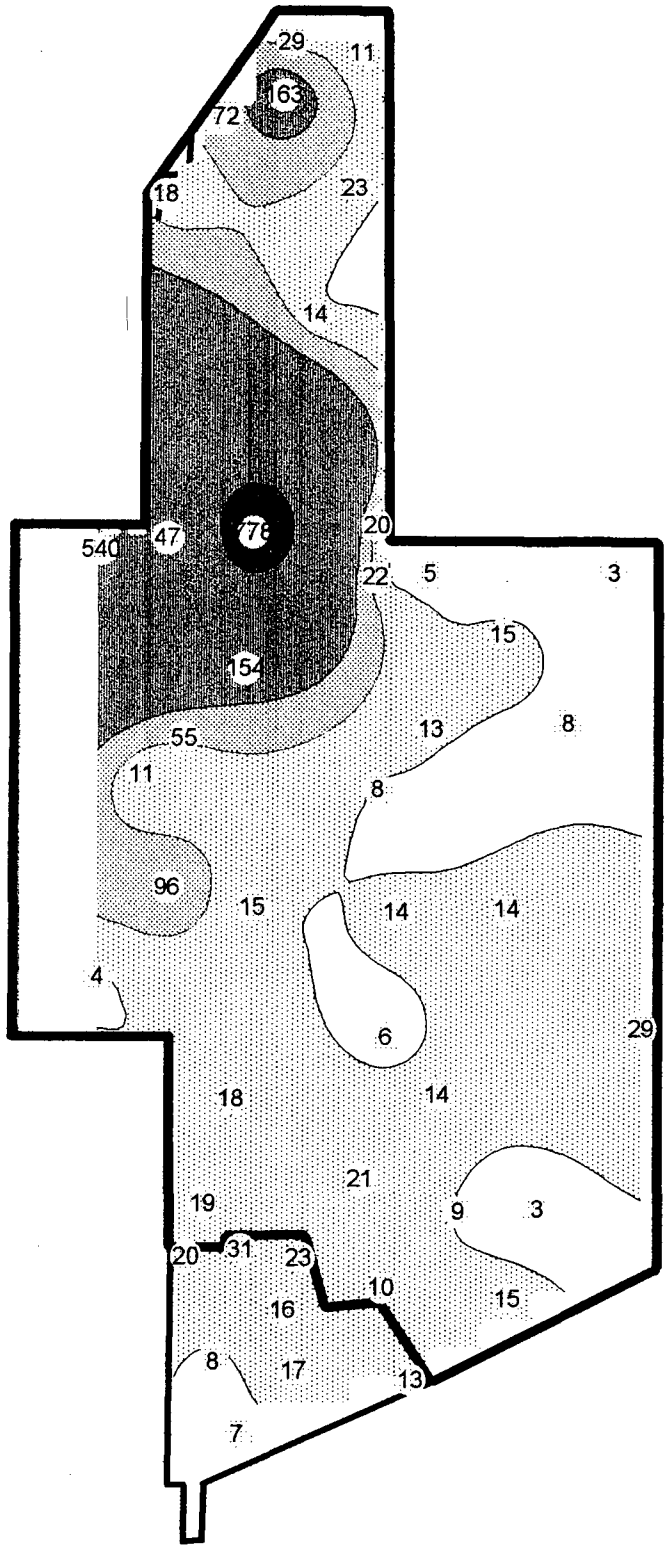
AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (12 to14 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

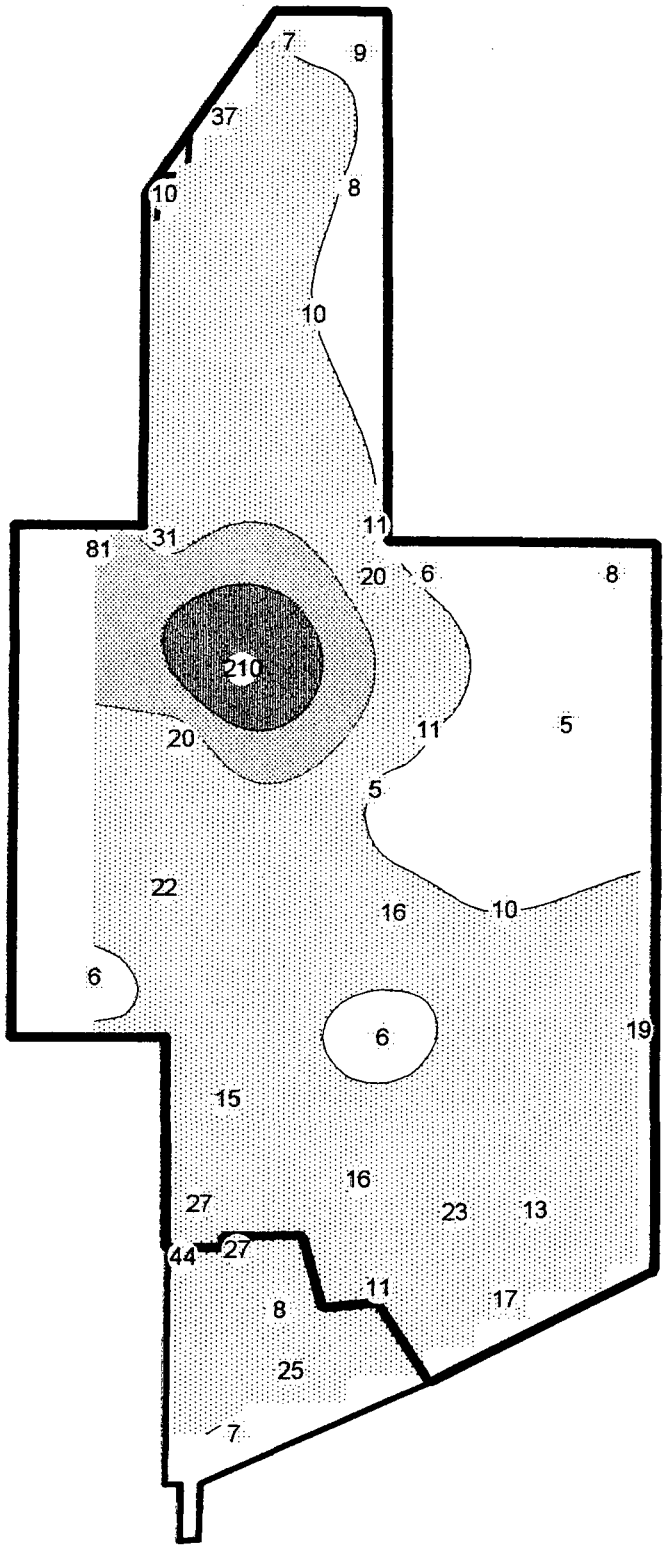
head1416.srf

FIGURE 3.10

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (14 to 16 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60523 * 630/990-7300
OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

head1618.srf

FIGURE 3.11

AlliedSignal, Inc./The Celotex Corporation

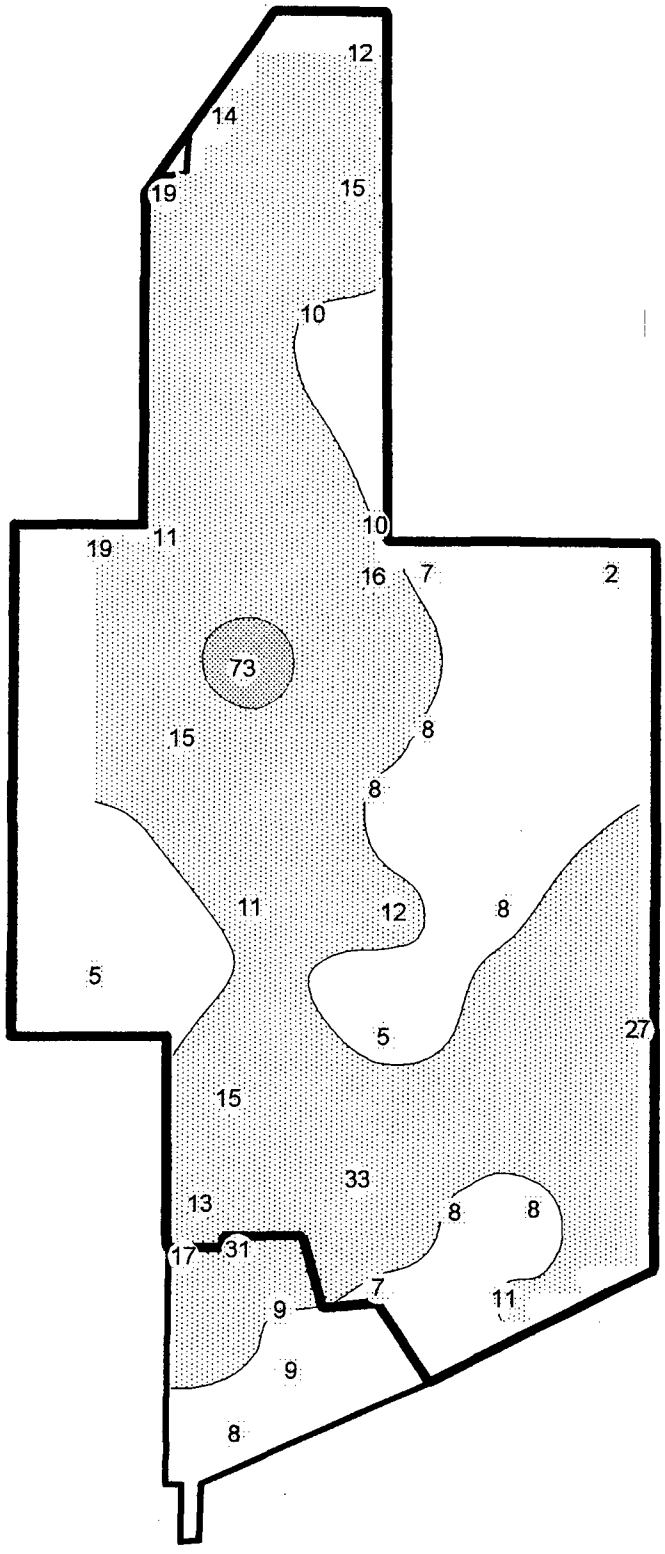
DISTRIBUTION OF HEADSPACE READINGS (16 to 18 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 350 * OAK BROOK, IL 60521 * (630)990-7200

OFFICES IN PRINCIPAL CITIES



LEGEND

780 HEADSPACE READING (ppm)

NOT TO SCALE

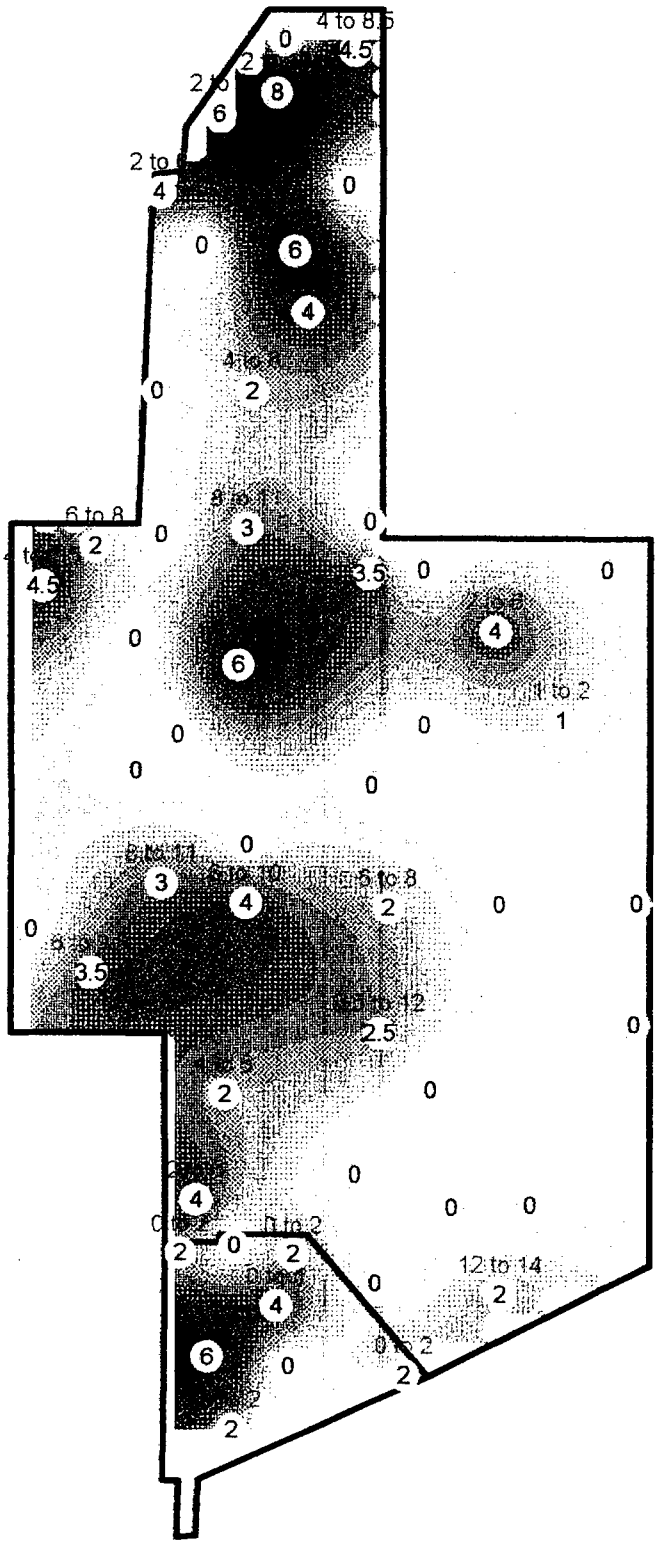
head1820.srf

FIGURE 3.12

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF HEADSPACE READINGS (18 to 20 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1020 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60523 * 630/990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

8 to 10 **DEPTH RANGE (ft)**

4 **THICKNESS (ft) OF ASPHALT/TAR CONTAINING MATERIALS**

NOT TO SCALE

ctar.srf

FIGURE 3.13

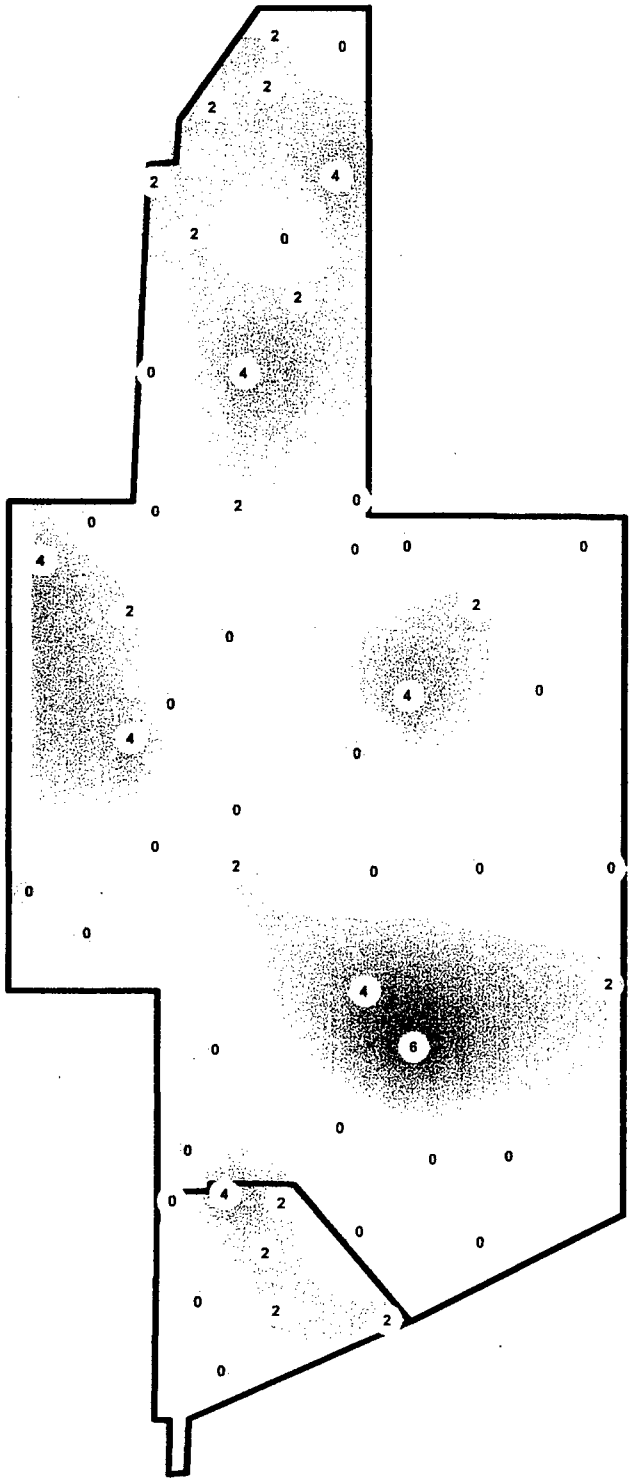
AlliedSignal, Inc./The Celotex Corporation

THICKNESS & DEPTH RANGE OF ASPHALT/TAR CONTAINING MATERIALS

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

OFFICES IN PRINCIPAL CITIES



LEGEND

4 THICKNESS (ft)
OF SATURATED MATERIAL

NOT TO SCALE

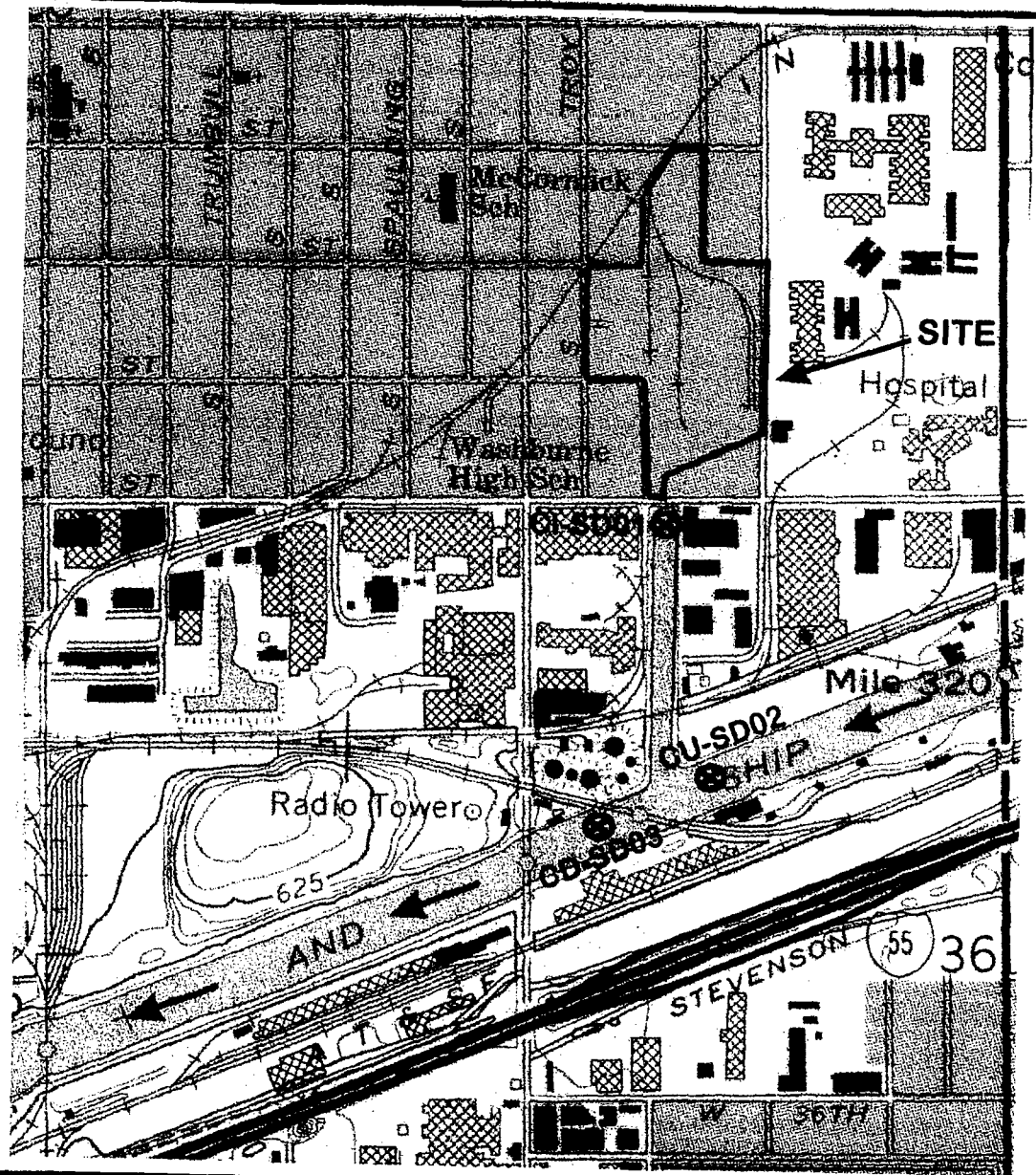
wet.srf

FIGURE 3.14

AlliedSignal, Inc./The Celotex Corporation

THICKNESS OF SATURATED MATERIALS ENCOUNTERED DURING DRILLING

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1700 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60523 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



VICINITY MAP

SOURCE: 7.5 MINUTE QUADRANGLE MAP OF ENGLEWOOD, IL. DATED 1963, PHOTOREVISED 1972 & 1980.

LEGEND

⊗ SEDIMENT SAMPLE LOCATION

1000 0 1000

SCALE IN FEET

PARSONS ENGINEERING SCIENCE, INC.

SEDIMENT SAMPLE LOCATION MAP

AlliedSignal, Inc./The Celotex Corporation

FIGURE 3.15

10-16-97 /samples.cdr

TABLE 3.1
SUPPORT SAMPLING PLAN INVESTIGATIVE SAMPLE SUMMARY

DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		Analytical Parameters and Number of Investigative Samples									
		VOCs	PAHs	SVOCs	8 Metals	Cyanide	Pesticides/ PCBs	Disposal Parameters	Geotech Parameters	pH	Total Organic Carbon
Site Sector	Sample Depth										
Sec A (Soil)	0 - 6"	14	0	14	14	14	14	0	2	14	0
(14 Locations)	1 -2'	14	12	2	14	14	2	2	2	14	2
	Deep	14	12	2	14	14	2	2	2	14	2
Sec B (Soil)	0 - 6"	6	0	6	6	6	6	0	1	6	0
(6 Locations)	1 - 2'	6	5	1	6	6	1	1	1	6	1
	Deep	6	5	1	6	6	1	1	1	6	1
Sec C (Soil)	0 - 6"	3	0	3	3	3	3	0	0	3	0
(3 Locations)	1 - 2'	3	2	1	3	3	1	1	0	3	1
	Deep	3	2	1	3	3	1	1	0	3	1
Sec D (Soil)	0 - 6"	2	0	2	2	2	2	0	0	2	0
(2 Locations)	1 - 2'	2	0	2	2	2	1	1	0	2	1
	Deep	2	0	2	2	2	1	1	0	2	1
Sec E (Soil)	0 - 6"	4	0	4	4	2	4	0	1	4	0
(4 Locations)	1 - 2'	4	3	1	4	4	1	1	1	4	1
	Deep	4	3	1	4	4	1	1	1	4	1
Sec F (Soil)	0 - 6"	6	0	6	6	6	6	0	1	6	0
(6 Locations)	1 - 2'	6	5	1	6	6	1	1	1	6	1
	Deep	6	5	1	6	6	1	1	1	6	1
Sec G (Soil)	0 - 6"	5	0	5	5	5	5	0	1	5	0
(5 Locations)	1 - 2'	5	4	1	5	5	1	1	1	5	1
	Deep	5	4	1	5	5	1	1	1	5	1
Background (Soil)	0 - 6"	1	0	1	1	1	1	0	1*	1	1

TABLE 3.1
SUPPORT SAMPLING PLAN INVESTIGATIVE SAMPLE SUMMARY

DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		Analytical Parameters and Number of Investigative Samples									
		VOCs	PAHs	SVOCs	8 Metals	Cyanide	Pesticides/ PCBs	Disposal Parameters	Geotech Parameters	pH	Total Organic Carbon
Site Sector	Sample Depth										
Sec A (Soil)	0 - 6"	14	0	14	14	14	14	0	2	14	0
(14 Locations)	1 -2'	14	12	2	14	14	2	2	2	14	2
	Deep	14	12	2	14	14	2	2	2	14	2
Sec B (Soil)	0 - 6"	6	0	6	6	6	6	0	1	6	0
(6 Locations)	1 - 2'	6	5	1	6	6	1	1	1	6	1
	Deep	6	5	1	6	6	1	1	1	6	1
Sec C (Soil)	0 - 6"	3	0	3	3	3	3	0	0	3	0
(3 Locations)	1 - 2'	3	2	1	3	3	1	1	0	3	1
	Deep	3	2	1	3	3	1	1	0	3	1
Sec D (Soil)	0 - 6"	2	0	2	2	2	2	0	0	2	0
(2 Locations)	1 - 2'	2	0	2	2	2	1	1	0	2	1
	Deep	2	0	2	2	2	1	1	0	2	1
Sec E (Soil)	0 - 6"	4	0	4	4	2	4	0	1	4	0
(4 Locations)	1 - 2'	4	3	1	4	4	1	1	1	4	1
	Deep	4	3	1	4	4	1	1	1	4	1
Sec F (Soil)	0 - 6"	6	0	6	6	6	6	0	1	6	0
(6 Locations)	1 - 2'	6	5	1	6	6	1	1	1	6	1
	Deep	6	5	1	6	6	1	1	1	6	1
Sec G (Soil)	0 - 6"	5	0	5	5	5	5	0	1	5	0
(5 Locations)	1 - 2'	5	4	1	5	5	1	1	1	5	1
	Deep	5	4	1	5	5	1	1	1	5	1
Background (Soil)	0 - 6"	1	0	1	1	1	1	0	1*	1	1

TABLE 3.1
SUPPORT SAMPLING PLAN INVESTIGATIVE SAMPLE SUMMARY

DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		Analytical Parameters and Number of Investigative Samples									
		VOCs	PAHs	SVOCs	8 Metals	Cyanide	Pesticides/ PCBs	Disposal Parameters	Geotech Parameters	pH	Total Organic Carbon
Site Sector	**Sample Depth**										
	1 - 2'	1	0	1	1	1	1	0	1*	1	1
	Deep	1	0	1	1	1	1	0	1*	1	1
Unassigned (soil) (10 locations)	0-6	5	10	0	10	10	5	5	0	10	5
	1-2	5	10	0	10	10	5	5	0	10	5
	Deep	5	10	0	10	10	5	5	0	10	5
SOILS SUBTOTAL		138	92	61	153	153	74	31	18	153	34
Sediment (in inlet)	Not Applicable	0	1	0	1	1	0	0	0	1	0
Sediment (up-gradient)	Not Applicable	0	1	0	1	1	0	0	0	1	0
Sediment (down-gradient)	Not Applicable	0	1	0	1	1	0	0	0	1	0
SEDIMENT SUBTOTAL		0	3	0	3	3	0	0	0	3	0
Groundwater (4 Site Wells)	Not Applicable	4	0	4	4	4	4	0	0	4	0

Notes

- Site sectors are shown on Figure 5.1.
- Metals analysis will be performed on both filtered and unfiltered groundwater samples collected from each well point.
- The deep soil sample will be collected at a depth of 4 to 6 feet below ground surface unless sample material collected at a deeper sample interval exhibits indications of greater soil contamination below the 4- to 6-foot interval.
- Quality control samples are described and listed in Subsection 6.5.
- Disposal parameters refer to the following analyses: TCLP VOCs, TCLP metals, reactive cyanide, reactive sulfide, flashpoint, and sulfur.
- Geotechnical parameters refer to the following analyses: porosity, permeability, bulk density, grain size, and BTU content.
- *Refers to grain size analysis only. The soil subtotal does not include these samples.

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																				
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS							
Site Sector	Sample ID	VOCs	SVOCs	PAHs	pH	PESTs/ PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac Cyanide	Reac Sulfide	Flash point	TOC	Sulfur	Porosity	Permea bility	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec A	SCA-SB01-SS01-0/6	X	X		X	X	X	X													
	SCA-SB01-SS01-1/2	X		X	X		X	X													
	SCA-SB01-SS01-6/8	X		X	X		X	X													
	SCA-SB91-SS01-6/8	X		X	X		X	X													
	SCA-TW01-GW01	X	X				X	X													
	SCA-SB02-SS01-0/6	X	X		X	X	X	X													
	SCA-SB02-SS01-1/2	X		X	X		X	X													
	SCA-SB02-SS01-8/10	X		X	X		X	X								X	X	X	X	X	10/12
	SCA-SB03-SS01-0/6	X	X		X	X	X	X													
	SCA-SB03-SS01-1/2	X		X	X		X	X													
	SCA-SB03-SS01-14/16	X		X	X		X	X													
	SCA-SB04-SS01-0/6	X	X		X	X	X	X													
	SCA-SB04-SS01-1/2	X		X	X		X	X													
	SCA-SB04-SS01-14/16	X		X	X		X	X													
	SCA-SB05-SS01-0/6	X	X		X	X	X	X													
	SCA-SB05-SS01-1/2	X		X	X		X	X													
	SCA-SB05-SS01-16/18	X		X	X		X	X													
	SCA-SB06-SS01-0/6	X	X		X	X	X	X													
	SCA-SB96-SS01-0/6	X	X		X	X	X	X													
	SCA-SB06-SS01-1/2	X		X	X		X	X													
	SCA-SB06-SS01-4/6	X		X	X		X	X													
	SCA-SB07-SS01-0/6	X	X		X	X	X	X													
	SCA-SB07-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCA-SB07-SS01-8/10	X	X		X	X	X	X	X		X	X	X	X	X						
	SCA-SB08-SS01-0/6	X	X		X	X	X	X													
	SCA-SB08-SS01-1/2	X		X	X		X	X													
	SCA-SB08-SS01-12/14	X		X	X		X	X													
	SCA-SB09-SS01-0/6	X	X		X	X	X	X													
	SCA-SB09-SS01-1/2	X		X	X		X	X													
	SCA-SB99-SS01-1/2	X		X	X		X	X													
	SCA-SB09-SS01-4/6	X		X	X		X	X													

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																		
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS						
Site Sector	Sample ID	VOCs	SVOCs	PAHs	pH	PESTs/ PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac. Cyanide	Reac. Sulfide	Flash-point	TOC	Sulfur	Porosity	Permea-bility	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec A	SCA-SB10-SS01-0/6	X	X		X	X	X	X													
(Continued)	SCA-SB10-SS01-1/2	X		X	X		X	X													
	SCA-SB10-SS01-10/12	X		X	X		X	X													
	SCA-SB11-SS01-0/6	X	X		X	X	X	X													
	SCA-SB11-SS01-1/2	X		X	X		X	X													
	SCA-SB11-SS01-14/16	X		X	X		X	X													
	SCA-SB12-SS01-0/6	X	X		X	X	X	X													
	SCA-SB12-SS01-1/2	X		X	X		X	X													
	SCA-SB12-SS01-4/6	X		X	X		X	X													
	SCA-SB13-SS01-0/6	X	X		X	X	X	X								X	X	X	X	X	6/2.5
	SCA-SB103-SS01-1/2	X		X	X		X	X													
	SCA-SB13-SS01-1/2	X		X	X		X	X													
	SCA-SB13-SS01-4/6	X		X	X		X	X													
	SCA-SB14-SS01-0/6	X	X		X	X	X	X													
	SCA-SB104-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCA-SB14-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCA-SB14-SS01-4/6	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCA-SB15-SS01-0/6			X	X		X	X													
	SCA-SB105-SS01-1/2			X	X		X	X													
	SCA-SB15-SS01-1/2			X	X		X	X								X	X	X	X	X	4/6
	SCA-SB15-SS01-12/14	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	12/14&16/18
	SCA-SB16-SS01-0/6			X	X		X	X													
	SCA-SB16-SS01-1/2			X	X		X	X													
	SCA-SB16-SS01-12/14	X		X	X		X	X													
Sec B	SCB-SB01-SS01-1/2	X		X	X		X	X													
	SCB-SB01-SS01-4/6	X		X	X		X	X								X	X	X	X	X	
	SCB-SB91-SS01-4/6	X		X	X		X	X													
	SCB-SB02-SS01-0/6	X	X		X	X	X	X													
	SCB-SB02-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCB-SB02-SS01-4/6	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCB-TW02-GW01	X																			

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																			
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS						
Site Sector	Sample ID	VOCs	SVOCs	PAHs	pH	PESTs/ PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac Cyanide	Reac Sulfide	Flash point	TOC	Sulfur	Porosity	Permea bility	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec B (Continued)	SCB-SB03-SS01-0/6	X	X		X	X	X	X													
	SCB-SB03-SS01-1/2	X		X	X		X	X													
	SCB-SB03-SS01-6/8	X		X	X		X	X													
	SCB-SB04-SS01-0/6	X	X		X	X	X	X													
	SCB-SB04-SS01-1/2	X		X	X		X	X													
	SCB-SB04-SS01-4/6	X		X	X		X	X													
	SCB-SB05-SS01-0/6	X	X		X	X	X	X													
	SCB-SB05-SS01-0/6	X	X		X	X	X	X													
	SCB-SB05-SS01-1/2	X		X	X		X	X													
	SCB-SB05-SS01-6/8	X		X	X		X	X													
	SCB-SB06-SS01-0/6	X	X		X	X	X	X													
	SCB-SB06-SS01-1/2	X		X	X		X	X													
	SCB-SB06-SS01-14/16	X		X	X		X	X													
	SCB-SB07-SS01-0/6			X	X		X	X													
	SCB-SB07-SS01-1/2			X	X		X	X													
	SCB-SB07-SS01-10/12	X		X	X		X	X													
	SCB-SB08-SS01-0/6			X	X		X	X													
	SCB-SB08-SS01-1/2			X	X		X	X													
	SCB-SB08-SS01-12/14			X	X		X	X													
Sec C	SCC-SB01-SS01-0/6	X	X		X	X	X	X													
	SCC-SB01-SS01-1/2	X		X	X		X	X													
	SCC-SB01-SS01-12/14	X		X	X		X	X													
	SCC-SB02-SS01-0/6	X	X		X	X	X	X													
	SCC-SB02-SS01-1/2	X		X	X		X	X								X	X	X	X	X	2/4
	SCC-SB02-SS01-6/8	X		X	X		X	X													
	SCC-SB03-SS01-0/6	X	X		X	X	X	X													
	SCC-SB03-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCC-SB03-SS01-8/10	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCC-SB04-SS01-0/6			X	X		X	X													
	SCC-SB94-SS01-0/6			X	X		X	X													
	SCC-SB04-SS01-1/2			X	X		X	X													
	SCC-SB04-SS01-14/16			X	X		X	X													

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																		
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS						
Site Sector	Sample ID	VOCs	SVOCs	PAHs	pH	PESTs/ PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac. Cyanide	Reac. Sulfide	Flash-point	TOC	Sulfur	Porosity	Permea-bility	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec D	SCD-SB01-SS01-0/6	X	X		X	X	X	X								X	X	X	X	X	6/2.5
	SCD-SB01-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCD-SB01-SS01-12/14	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	16/18
	SCD-SB02-SS01-0/6	X	X		X	X	X	X													
	SCD-SB02-SS01-1/2	X		X	X		X	X													
	SCD-SB02-SS01-8/10	X		X	X		X	X													
	SCD-SB03-SS01-0/6	X	X		X	X	X	X													
	SCD-SB03-SS01-1/2	X		X	X		X	X													
	SCD-SB03-SS01-4/6	X		X	X		X	X													
Sec E	SCE-SB01-SS01-0/6	X	X		X	X	X	X													
	SCE-SB01-SS01-1/2	X		X	X		X	X													
	SCE-SB01-SS01-8/10	X		X	X		X	X													
	SCE-SB02-SS01-0/6	X	X		X	X	X	X													
	SCE-SB02-SS01-1/2	X		X	X		X	X													
	SCE-SB02-SS01-4/6	X		X	X		X	X													
	SCE-SB03-SS01-0/6	X	X		X	X	X	X													
	SCE-SB03-SS01-1/2	X		X	X		X	X													
	SCE-SB93-SS01-1/2	X		X	X		X	X													
	SCE-SB03-SS01-8/10	X		X	X		X	X													
	SCE-SB04-SS01-0/6	X	X		X	X	X	X													
	SCE-SB04-SS01-1/2	X		X	X		X	X													
	SCE-SB04-SS01-8/10	X		X	X		X	X													
	SCE-SB05-SS01-0/6			X	X		X	X								X	X	X	X	X	6/2.5
	SCE-SB05-SS01-1/2			X	X		X	X													
	SCE-SB05-SS01-6/8			X	X		X	X													
Sec F	SCF-SB01-SS01-0/6	X	X		X	X	X	X													
	SCF-SB01-SS01-1/2	X		X	X		X	X													
	SCF-SB01-SS01-16/18	X		X	X		X	X													

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																		
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS						
Site Sector	ample ID	VOCs	SVOCs	PAHs	pH	PESTs-PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac Cyanide	Reac Sulfide	Flash point	TOC	Sulfur	Porosity	Permeability	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec F (Continued)	SCF-SB02-SS01-0/6	X	X		X	X	X	X													
	SCF-SB92-SS01-0/6	X	X		X	X	X	X													
	SCF-SB02-SS01-1/2	X		X	X		X	X								X	X	X	X	X	2/4
	SCF-SB02-SS01-14/16	X		X	X		X	X								X	X	X	X	X	14/16
	SCF-SB03-SS01-0/6	X	X		X	X	X	X													
	SCF-SB03-SS01-1/2	X		X	X		X	X													
	SCF-SB03-SS01-18/20	X		X	X		X	X													
	SCF-SB04-SS01-0/6	X	X		X	X	X	X													
	SCF-SB04-SS01-1/2	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCF-SB04-SS01-8/10	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCF-SB05-SS01-0/6	X	X		X	X	X	X													
	SCF-SB05-SS01-1/2	X		X	X		X	X													
	SCF-SB05-SS01-14/16	X		X	X		X	X													
	SCF-SB06-SS01-0/6	X	X		X	X	X	X													
	SCF-SB06-SS01-1/2	X		X	X		X	X													
	SCF-SB06-SS01-14/16	X		X	X		X	X													
	SCF-SB07-SS01-0/6			X	X		X	X													
	SCF-SB07-SS01-1/2			X	X		X	X													
	SCF-SB07-SS01-12/14			X	X		X	X													
	SCF-SB08-SS01-0/6			X	X		X	X													
	SCF-SB08-SS01-1/2			X	X		X	X								X	X	X	X	X	2/4
	SCF-SB78-SS01-1/2			X	X		X	X													
	SCF-SB08-SS01-14/16			X	X		X	X								X	X	X	X	X	10/12&18/20
Sec G	SCG-SB01-SS01-0/6	X	X		X	X	X	X													
	SCG-SB01-SS01-1/2	X		X	X		X	X													
	SCG-SB01-SS01-16/18	X		X	X		X	X													
	SCG-SB91-SS01-16/18	X		X	X		X	X													
	SCG-SB02-SS01-0/6	X	X		X	X	X	X													
	SCG-SB02-SS01-1/2	X		X	X		X	X													
	SCG-SB02-SS01-8/10	X		X	X		X	X													

TABLE 3.2
EXECUTED INVESTIGATIVE SAMPLE SUMMARY

2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		ANALYTICAL PARAMETERS																		
									DISPOSAL PARAMETERS						GEOTECHNICAL PARAMETERS						
Site Sector	Sample ID	VOCs	SVOCs	PAHs	pH	PESTs/ PCBs	8 Metals	Cyanide	TCLP VOCs	TCLP Metals	Reac. Cyanide	Reac. Sulfide	Flash-point	TOC	Sulfur	Porosity	Permea-bility	Bulk Density	Grain Size	BTU Content	Sample Depth*
Sec G (Continued)	SCG-SB03-SS01-1/2	X	X		X	X	X	X													
	SCG-SB93-SS01-1/2	X	X		X	X	X	X													
	SCG-SB03-SS01-4/6	X	X		X	X	X	X													
	SCG-SB03-SS01-12/14	X	X		X	X	X	X													
	SCG-TW03-GW01	X	X					X													
	SCG-SB04-SS01-0/6	X	X		X	X	X	X													
	SCG-SB04-SS01-1/2	X		X	X		X	X													
	SCG-SB04-SS01-8/10	X		X	X		X	X													
	SCG-SB94-SS01-8/10	X		X	X		X	X													
	SCG-SB05-SS01-1/2	X	X		X	X	X	X													
	SCG-SB05-SS01-10/12	X		X	X		X	X													
	SCG-SB05-SS01-6/8	X		X	X		X	X													
	SCG-SB06-SS01-0/6			X	X		X	X							X	X	X	X	X	X	6/2.5
	SCG-SB06-SS01-1/2			X	X		X	X													
	SCG-SB06-SS01-4/6	X		X	X		X	X								X	X	X	X	X	12/14
	SCG-SB07-SS01-0/6	X	X		X	X	X	X													
	SCG-SB07-SS01-2/4	X		X	X	X	X	X	X	X	X	X	X	X	X						
	SCG-SB07-SS01-8/10	X	X		X	X	X	X	X	X	X	X	X	X	X						
	SCG-SB08-SS01-1/2	X	X		X	X	X	X													
	SCG-SB08-SS01-12/14	X		X	X		X	X													
	SCG-SB08-SS01-8/10	X		X	X		X	X													
	SCG-SB09-SS01-1/2	X	X		X	X	X	X													
	SCG-SB09-SS01-6/8	X		X	X		X	X													
	SCG-SB09-SS01-8/10	X		X	X		X	X													
Background	BG1-SB01-SS01-0/2	X	X		X	X	X	X													
	BG1-SB01-SS01-12/14	X	X		X	X	X	X													
	BG1-SB01-SS01-6/8	X	X		X	X	X	X											X		8/10
Sediment	CD-SD03			X	X		X	X													
	C1-SD01 MMSD			X	X		X	X													
	CU-SD02			X	X		X	X													

NOTE:

* = Depth in feet bgs at which Shelby Tube sample was collected.

SECTION 4
DATA VALIDATION FINDINGS

4.1 INTRODUCTION

In accordance with the requirements of the AOC and the EE/CA scope of work, all chemical analytical data generated by Quanterra laboratory was validated to assess the quality of the data and to determine data accuracy, precision, and completeness. The validation protocols used by the Parsons ES data validation specialists were based on the USEPA data validation functional guidelines. A Quality Assurance Project Plan (QAPP) (and subsequent addendum) was prepared by Parsons ES and approved by the USEPA Region V as part of the SSP. The quality assurance criteria for the various analyses and analytes was specified and discussed in the QAPP. Analytical/data concurrence with these criteria was evaluated during the data validation assessment process.

The data validation summary report addressed herein presents detailed discussions of the quality of the data as assessed by data validation procedures and protocols. All data submitted by the laboratory have been evaluated following the quality assurance objectives described in Section 4 of the QAPP and the data validation procedures described in Section 10.4 of the QAPP. The protocols, procedures and general approach used during the data validation process are further discussed below.

4.2 PROTOCOLS AND PROCEDURES USED TO VALIDATE THE DATA

Except for those parameters not addressed by the USEPA Contract Laboratory Program (CLP), all data have been generated using the USEPA CLP Statements of Work: (CLP SOW OLM3.1 for Organics and CLP SOW ILM04.0 for Metals and total cyanide). The non-CLP parameters, TCLP parameters, TOC, pH, BTU content, and sulfur, have been analyzed following the analytical procedures specified in Section 8.2 of the QAPP.

The protocols used to validate the data included the following: the project QAPP; USEPA CLP Functional Guidelines for Organic Data Review (February 1994); USEPA CLP Functional Guidelines for Inorganic Data Review (February 1994); USEPA Test Methods for Evaluating Solid Waste Physical/Chemical Methods Integrated Manual (SW846); and the amendment to the QAPP. For non-CLP parameters the validation process was based on the principles of the Functional Guidelines (this reference hereinafter refers to both USEPA CLP organic and inorganic functional guideline documents identified previously).

As specified in Section 10.4 of the QAPP the initial validation procedure involved the inspection of the data packages for completeness. The completeness of each data package was evaluated by performing a comprehensive review of the chain-of-custody (COC) records, the case narratives and the data summary forms submitted by the laboratory. The laboratory was also required to submit the data in electronic data deliverable (EDD) format. The EDDs were used to generate data summary tables, which were in turn used to verify the sample/QC results reported in each data package.

As part of the completeness check, over 75 percent of the data in each data package was checked against the data summary table generated from the EDDs. The data were checked for consistency, required analytical methods, target analyte lists, reporting limits and transcription errors. Inconsistencies and missing data questions were forwarded to the laboratory for response and resubmittals. All resubmitted/corrected data were incorporated into the data file as part of the validation process, as applicable.

4.2.1 Level 3 Data Validation

Once the completeness checks were performed, the EDDs were used to perform a Level 3 validation of 100 percent of the data. The Level 3 validation included the evaluation of all quality control and sample results included on the EDDs following the procedures and requirements specified in the USEPA Functional Guidelines. The

Level 3 validation was performed using automated computer programs developed using the review items, objectives, criteria, and actions described in the Functional Guidelines. The information discovered during and generated from the Level 3 validation procedures was used to qualify the analytical data in accordance with the requirements of the CLP Functional Guidelines.

All data for the QC samples was evaluated against the project-specific QA objectives specified in the SOW for the CLP parameters and in Table 4.3 of the QAPP for the non-CLP parameters. Reported results for the QC samples judged to be outside the specified QC criteria (outliers) led to the qualification of the associated sample results as specified by the Functional Guidelines.

4.2.2 Level 4 Data Validation

In addition to the performing the Level 3 data validation process on all the data (based on the EDDs submitted by the laboratory) approximately 30 to 35 percent of the raw data were subjected to the more rigorous Level 4 validation process. The Level 4 validation process was performed as an independent quality control check of the Level 3 validation findings, and was executed as an additional step to verify that no major problems had been overlooked during the Level 3 validation process.

The selection of which data was subjected to the Level 4 validation was based on the information from the Level 3 validation. A very deliberate decision was made to select those samples and analyses which exhibited the most QA/QC problems during the Level 3 validation process. This approach resulted in one complete SDG (AS01) and selected parameters from four of the remaining 10 SDGs being subjected to Level 4 validation. The selected parameters for Level 4 validation were taken from the following four SDGs: AS02, AS05, AS09, and AS10.

Analysis of VOCs in the following SDGs were selected: AS01, AS02, and AS05. Analysis of SVOCs in the following SDGs were selected: AS01, AS02, and AS09.

Analysis of pesticide/PCBs in the following SDGs were selected: AS01, AS05, and AS09. Analysis of metals in the following SDGs were selected: AS01, AS09, and AS10. Analysis of wet chemistry parameters in the following SDGs were selected: AS01, AS05, and AS10. Analysis of the selected TCLP parameters in AS01 was selected.

The Level 4 validation included a comprehensive review and validation of all QC items addressed in the Level 3 validation as well as a comprehensive review and validation of the raw data generated in support of the results. Items reviewed and validated in Level 4 but not in Level 3 included the following: initial and continuing calibration summary forms and supporting raw data, chromatograms and instrument printouts, quantitation reports and bench sheets showing calculated results, mass spectral data for the GC/MS analyses (VOCs and SVOCs), confirmation results for the GC analyses (pesticide/PCBs), and the preparation and extraction logs for every method. One additional difference between the Level 3 and 4 validation processes was the recalculation of representative results for standards, QC samples and field samples for each method.

Based on the Level 4 validation, additional resubmission requests were made to the laboratory for explanations/clarification, and further corrections of data/data-related information were made by the laboratory. QA/QC items affected by the resubmissions included initial and continuing calibration, calculation of results, mass spectral data, and missing data pages from the packages.

The most serious problems found during the Level 4 validation concerned a false negative for acetone for one sample in SDG AS01; reporting of results on a wet weight basis for two pesticide samples in AS01, and recalculation of two hits for 4-methyl-2-pentanone in one sample each in AS06 and AS11. Note that although AS06 and AS11 were not selected for the Level 4 validation, the laboratory was requested to ensure that the problems found in the validated packages did not affect other SDGs. The

laboratory has indicated that the instances of the 4-methyl-2-pentanone are the only occurrences of this problem.

Based on the responses from the laboratory to the Level 4 queries, some results in the data tables have been revised to reflect the quality of the data following the Level 4 data validation. The data reported in the data tables represent the best assessment of the quality of the data based on the information submitted by the laboratory and our assessment based on the procedures and requirements specified in the QAPP.

4.3 DATA VALIDATION REPORTS

A quality assurance summary report has been prepared for each SDG to present the findings of the Level 3 and Level 4 data validation processes for that SDG, as applicable. A total of eleven SDGs were prepared by Quanterra and submitted in support of the project: AS01 through AS11.

As indicated above, QC results outside the specified quality control limits, outliers, have resulted in qualification of the data for samples associated with the QC sample. The association and the type of qualifier applied have been based on the Functional Guidelines and on the QAPP. The data summary tables contained in Section 5 and in Appendix B present the sample results along with the validation qualifiers. A glossary of the data qualifiers used during the validation can be found at the end of each table.

The laboratory reanalyzed some samples due to QC problems or matrix interferences in the samples. Usually, the laboratory submitted both sets of data and offered explanations for the reanalysis. Based on our evaluation of the two data sets, a determination of which data set should be reported was made based on several factors, including: the magnitude of the problem leading to the reanalysis, whether the problem persisted upon reanalysis, whether the reanalysis led to other QC problems, the difference between the results, and the better quality data set. Only the selected data

set is presented in the data tables. A summary of the reasons for the selection is presented in the body of the data validation report. In some cases, the reanalysis was due to a few target analytes exceeding the calibration range. These samples were diluted and reanalyzed. In these cases, the reported results include all the results from the original (undiluted) run and the results from the diluted run for those analytes that were calibration outliers.

The individual Level 3 data validation reports for each of the 11 SDGs (AS01 through AS11) are presented in Appendix D1. The validation reports for the specific SDGs and parameters subjected to the Level 4 validation process, is presented in Appendix D2 on an individual SDG basis.

4.4 SUMMARY DISCUSSION ON THE OVERALL QUALITY OF THE DATA

Generally, the majority of the samples were prepared and analyzed following the analytical and QA/QC procedures specified in the CLP SOW and the QAPP. A number of samples required reanalysis or dilution for various reasons. The laboratory attributed some of the reanalyses to matrix interferences in the samples. Other reanalyses were due to levels of target or non-target analytes (tentatively identified compounds [TICs]) above the calibration range for the method.

Usually, the reanalyses resulted in elevated reporting limits due to dilutions or modification of sample size to allow analysis of the sample. Reanalyses due to high levels of target or non-target analytes or matrix interferences in the sample are consistent with the analytical protocols as long as the reanalyses follow the guidelines specified by the method. As a result, no data have been qualified due to these problems.

Some reported results have been qualified due to QA/QC outliers attributed to matrix interferences in the samples. Specifically, of the 32 data results qualified as unusable, 31 of them have been attributed to MS/MSD outliers due to matrix

interferences in the samples. The matrix interferences are substantiated by the compliant laboratory control samples associated with the analysis of the affected samples.

The laboratory also attributed the internal standard outliers to matrix interferences in the samples, but the evaluation of the data is inconclusive. The results for the reanalyses due to internal standard (mostly for VOC analysis) did not always result in the same internal standards being outliers. In some cases the number of internal standard outliers changed between the reanalyses.

The 32 data points qualified as unusable included one VOC data point (acetone), five SVOCs data points (pentachlorophenol, pyrene, and 4-nitrophenol), and 26 metals data points (lead, mercury, and selenium). The 32 data points were in 5 of the 11 SDGs: AS01 (VOC), ASO6 and AS07 (SVOC), AS09 (metals and SVOC), and AS10 (metals).

Some reported results have been qualified due to problems within the laboratory's control. Problems in this category include: holding time violations, cross-contamination of samples, and laboratory blank contamination.

Most of the holding time violations resulted from reanalyses performed beyond the specified holding time. Although there are no specific holding time requirements for pH in soils some reported results for pH analysis have been qualified as estimated due to the average analysis time calculated for some soil samples compared to the holding time specified for pH analysis in aqueous samples. A few of the samples for TCLP analyses were also prepared outside the holding time specified for those methods.

Some reported results have been qualified as non-detects (UB) due to laboratory blank contamination, specifically: VOCs (methylene chloride and acetone), SVOCs (naphthalene), pesticides (methoxychlor and heptachlor), and total cyanide.

4.4.1 Data Accuracy

Accuracy of the laboratory results has been assessed for compliance against the QA objectives specified in the CLP SOW and the QAPP (Section 4) using the analytical results of laboratory/method blanks, MS/MSD samples surrogate spikes, laboratory control samples (LCS) and field blanks.

4.4.1.1 Volatile Organic Compounds (VOCs)

There were no significant accuracy problems associated with the VOC analyses. Some VOC results have been qualified (as estimated or non-detects) due to blank contamination, surrogate outliers, or MS/MSD outliers.

4.4.1.2 Semivolatile Organic Compounds (SVOCs)

There were no significant accuracy problems associated with the SVOC analyses except for the MS/MSD outliers for SDGs: AS06, AS07, and AS09. Some reported results for pentachlorophenol, pyrene, and 4-nitrophenol have been qualified as unusable due to poor MS/MSD accuracy (percent recoveries) results attributed to matrix interferences in the samples. Some SVOC results have also been qualified due to blank contamination, surrogate outliers or MS/MSD outliers.

4.4.1.3 Pesticide/PCBs

There were no significant accuracy problems associated with the pesticide/PCB analyses. Some pesticide/PCB results have also been qualified due to blank contamination, surrogate outliers, or MS/MSD outliers.

4.4.1.4 Metals

As indicated above some reported results for metals (mercury, lead, and selenium) have been qualified as unusable due to poor accuracy results for the

MS/MSDs associated with these results. Specifically, some results for these metals in SDGs AS09 and AS10 were affected.

4.4.2 Data Precision

Precision of the laboratory results has been assessed by comparing the analytical results between MS/MSDs, and laboratory duplicates against the QA objectives specified in the CLP SOW and the QAPP.

There were no precision problems leading to qualification of data as unusable. Some reported results have been qualified as estimated due to precision outliers.

4.4.3 Data Completeness

The completeness of laboratory results has been assessed using the equation in Section 13 of the QAPP by comparing the number of valid (usable) sample results against the total number of planned measurements.

Overall, only 32 of the planned approximately 26,500 measurements have been qualified as unusable (invalid). Using the equation from the QAPP this calculates to a completeness of greater than 99.8 percent compared to the QA objective of 90 to 95 percent specified in the QAPP for this project. Every sample collected was analyzed by the laboratory.

As indicated above, 26 of the 32 invalid data points were associated with the metals analysis. Specifically, mercury, selenium, and lead were affected. Including these invalid results the completeness for metals is greater than 98 percent compared to the QA objective of 90 to 95 percent.

No invalid results were reported for pesticide/PCBs, and wet chemistry parameters so the completeness for these analyses is 100 percent.

SECTION 5
DATA PRESENTATION

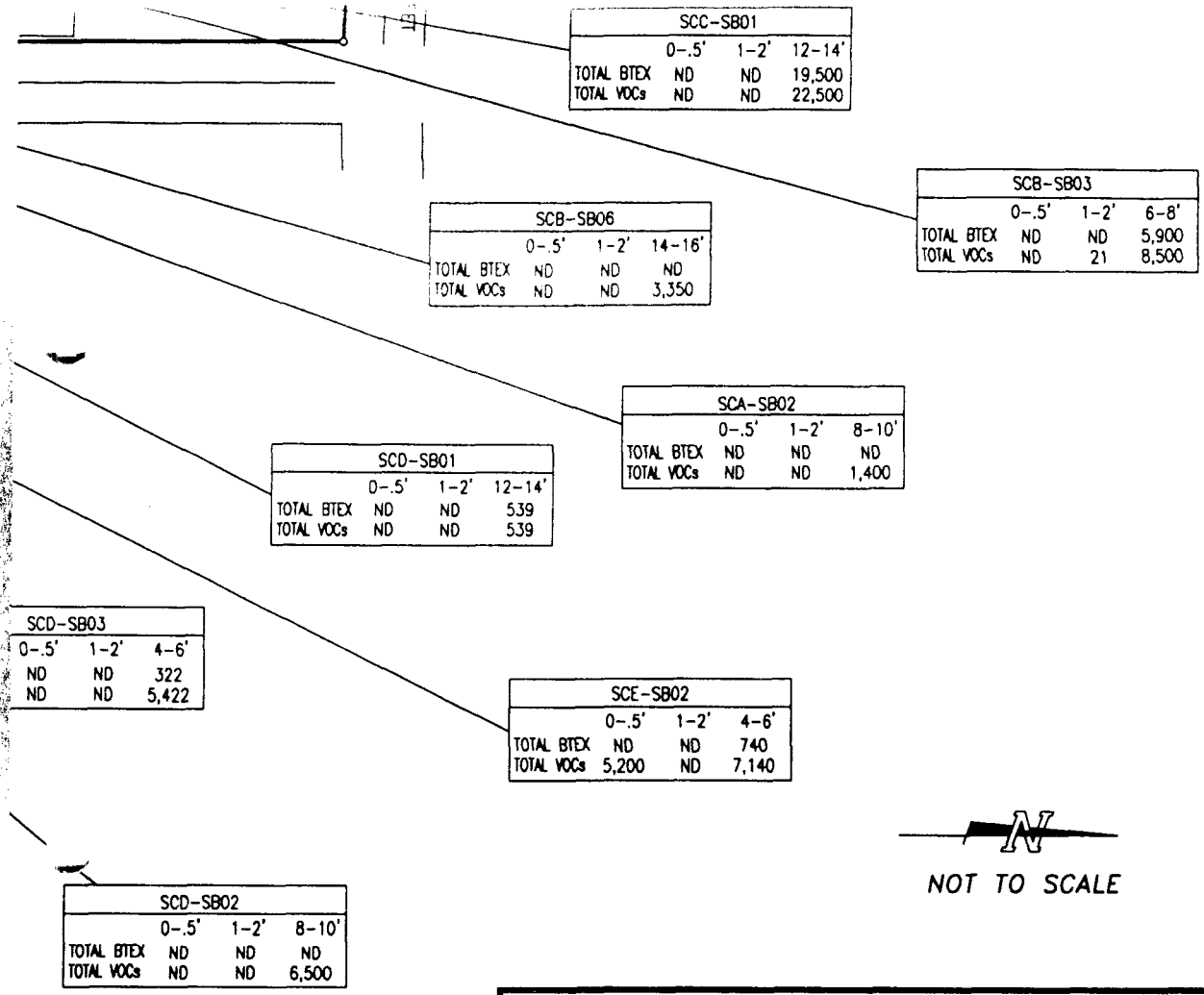
5.1 OVERVIEW

This section presents the data that was generated from the main site field sampling program executed during the period of 29 April through 6 June 1997. The data consists of the following:

- Chemical analyte information generated from the analysis of soil, sediment, and groundwater samples.
- VOC field screening data generated from the headspace evaluation of soil samples.
- Geotechnical data generated from the analysis of Shelby tube soil samples.

The abovementioned data are displayed in tabular and/or graphical formats, as follows:

1. Annotated site diagrams showing VOCs/BTEX, BaP/BaPeq, and total PAHs sample concentrations per sample location, are presented in Figures 5.1, 5.2, and 5.3, respectively.
2. Pictorial representations of the occurrence of specific contaminants site-wide are provided: VOCs (Figures 5.4 though 5.6), BTEX (Figures 5.7 through 5.9), BaPeq (Figures 5.10 through 5.12), and total PAHs (Figures 5.13 through 5.15).
3. Detected parameters only and the associated contaminant concentrations for soil, sediment, and groundwater samples are presented in Tables 5.1 through 5.5.
4. Total VOC and BTEX soil concentrations on a per sample basis are presented in Table 5.6
5. Benzo(a)pyrene equivalent converted concentrations and total BaPeq concentrations on a per sample basis are presented in Table 5.7.
6. Total PAH concentrations on a per sample basis are presented in Table 5.8.
7. A complete tabulated listing of all analytical data (detected and nondetected values) is provided in Appendix B.
8. The geotechical information generated from the analysis of the Shelby tube samples is provided in Appendix C.



LEGEND

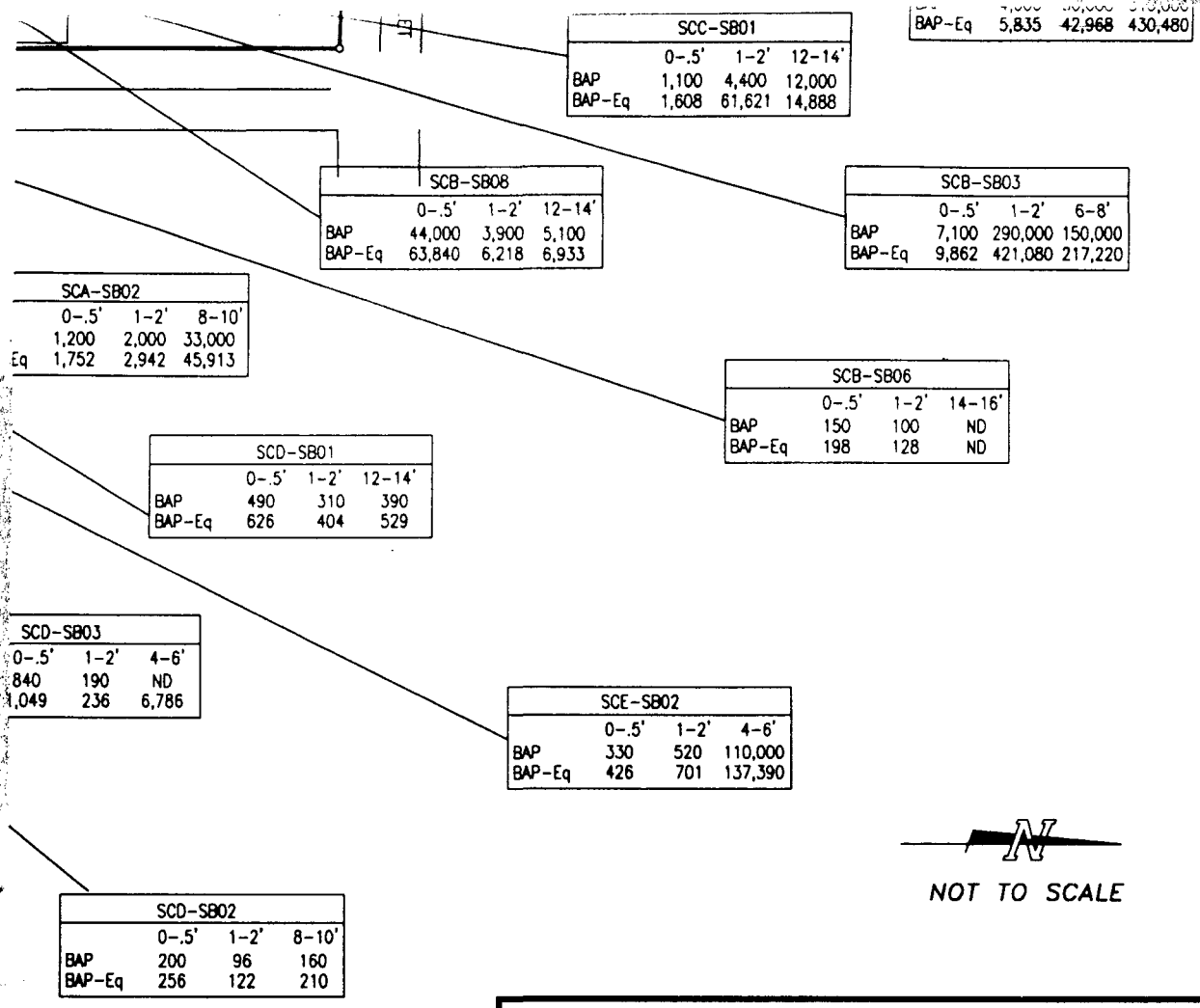
ND = NON-DETECT
NA = NOT ANALYZED
ALL VALUES GIVEN IN ug/kg.

FIGURE 5.1

AlliedSignal, Inc./The Celotex Corporation

TOTAL BTEX and VOC Compounds in Soil Samples

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD. * OAKBROOK, IL. 60523 * (630) 990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

ND = NON-DETECT
NA = NOT ANALYZED
BAP = Benzo(a)pyrene
BAP-Eq = Benzo(a)pyrene equivalents
All values given in ug/kg

FIGURE 5.2

AlliedSignal, Inc./The Celotex Corporation

Benzo(a)pyrene and Benzo(a)pyrene Equivalents in Soil Samples

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD. * OAKBROOK, IL. 60523 * (630) 990-7200
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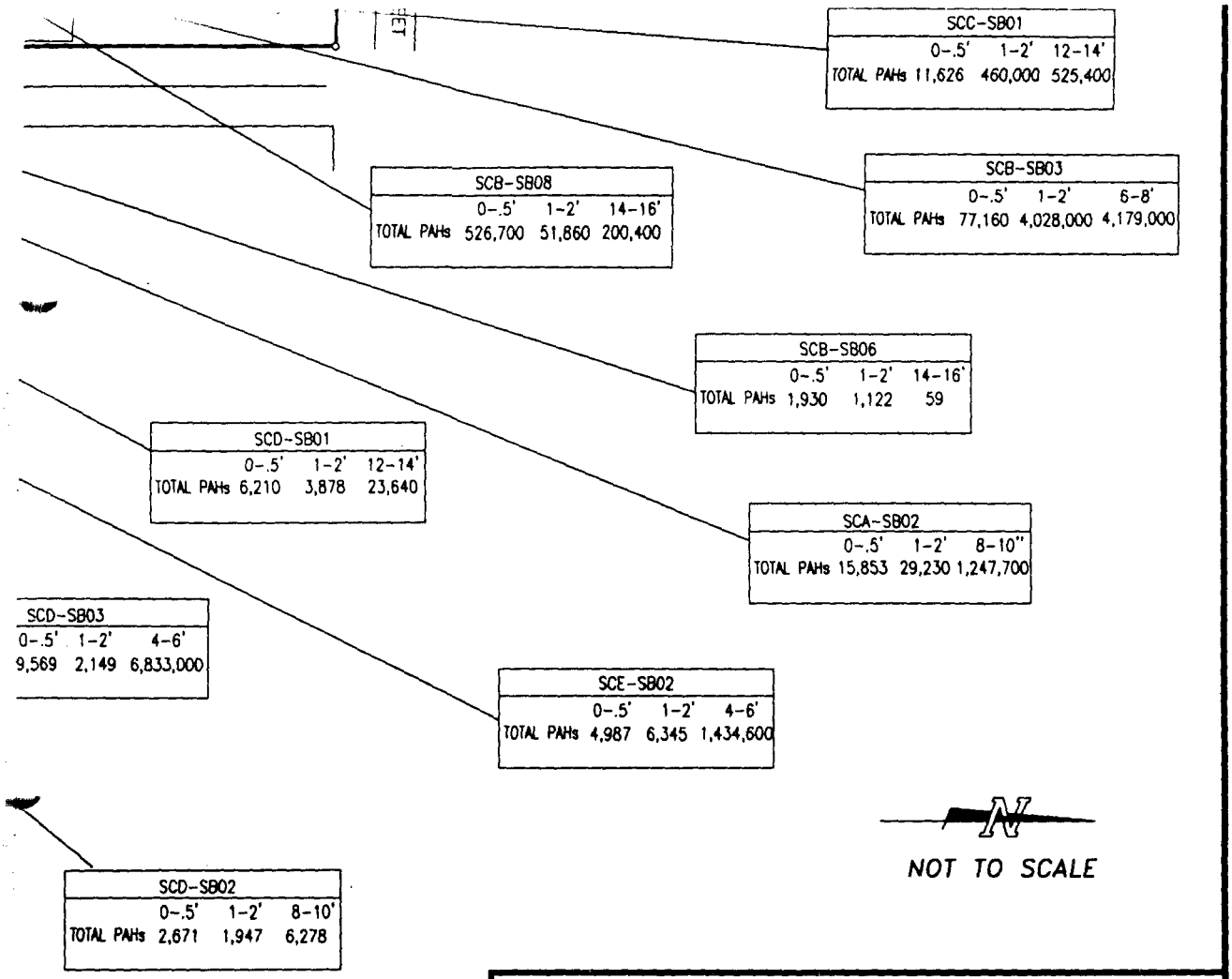


LEGEND

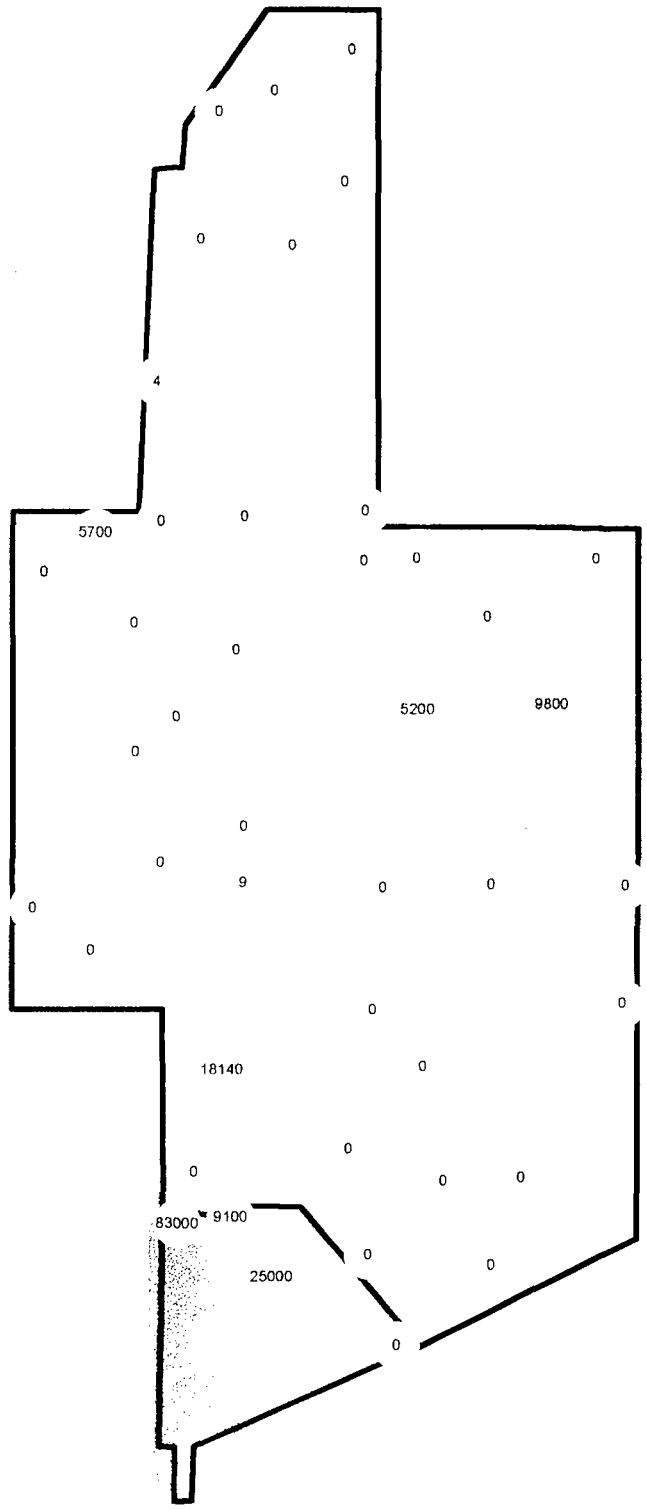
ND = NON-DETECT
NA = NOT ANALYZED
ALL RESULTS GIVEN IN ug/kg.

FIGURE 5.3

AlliedSignal, Inc./The Celotex Corporation

TOTAL POLYNUCLEAR AROMATIC HYDROCARBONS in Soil Samples

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD. * OAKBROOK, IL. 60523 * (630) 990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL VOCs (ug/kg)

NOT TO SCALE

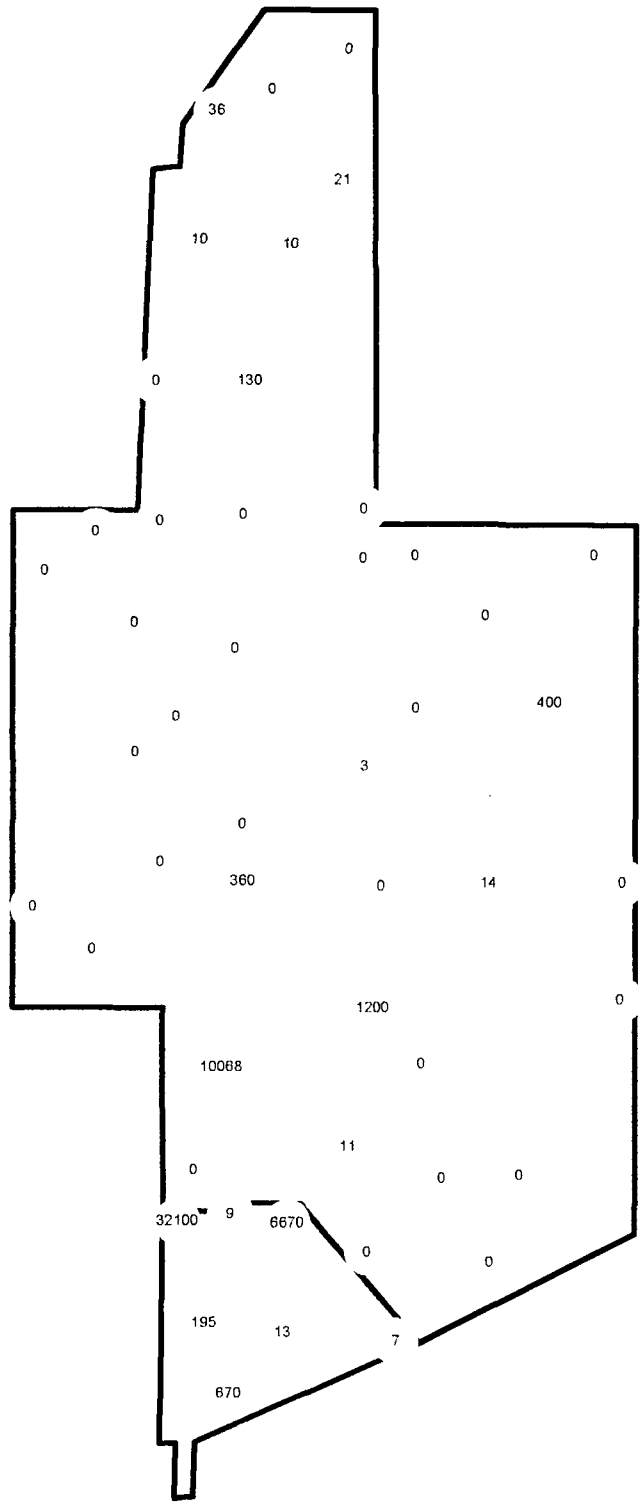
voc01.srf

FIGURE 5.4

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL VOCs in SOIL (0 to 0.5 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1700 JORIE BLVD * SUITE 220 * OAK BROOK, IL 60521 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL VOCs (ug/kg)

NOT TO SCALE

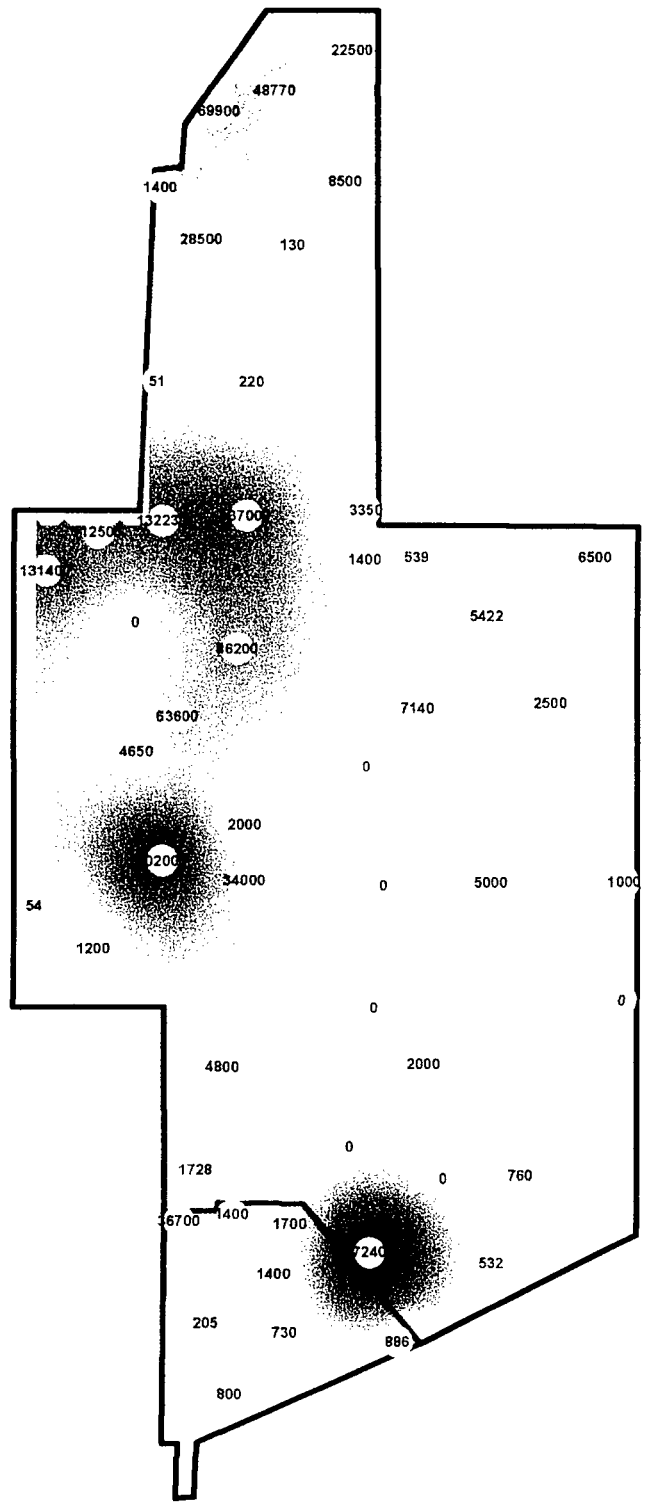
voc02.srf

FIGURE 5.5

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL VOCs in SOIL (1 to 2 feet)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 220 * OAK BROOK, IL 60521 * (630)990-7200
OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL VOCs (ug/kg)

NOT TO SCALE

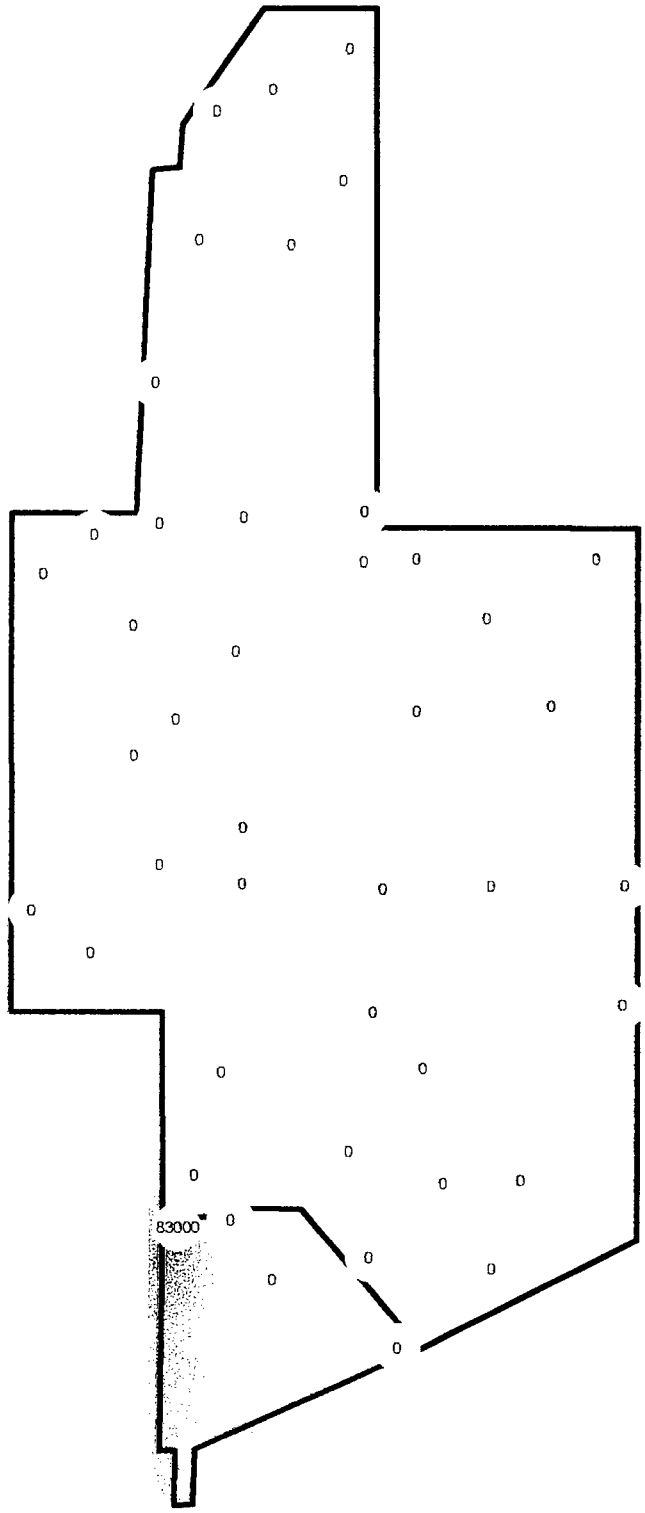
vocdp.srf

FIGURE 5.6

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL VOCs in SOIL (deep sample)

PARSONS ENGINEERING SCIENCE, INC.
DESIGN * RESEARCH * PLANNING
1000 JORIE BLVD * SUITE 200 * OAK BROOK, IL 60521 * (630)572-7000
OFFICES IN PRINCIPAL CITIES



LEGEND

8E+002 TOTAL BTEX (ug/kg)

NOT TO SCALE

btex01.srf

FIGURE 5.7

AlliedSignal, Inc./The Celotex Corporation

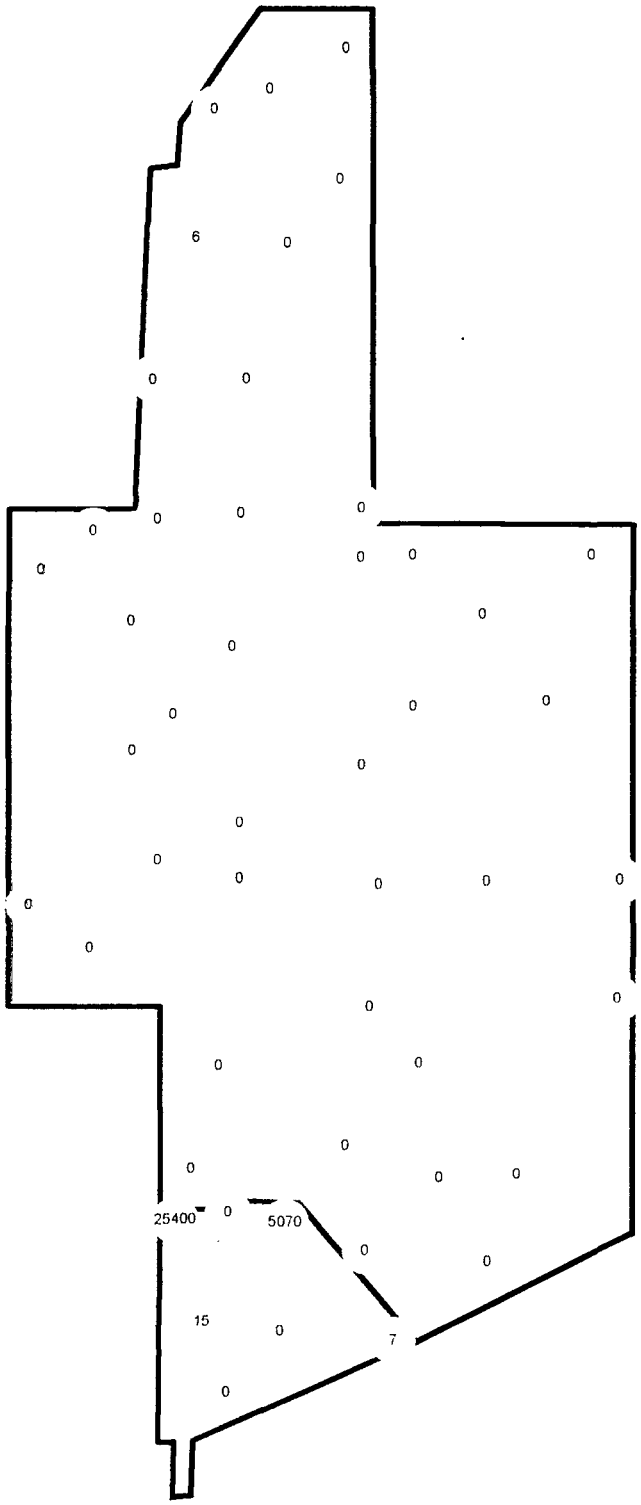
DISTRIBUTION OF TOTAL BTEX in SOIL (0 to 0.5 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 200 * OAK BROOK, IL 60523 * (630)990-7300

OFFICES IN PRINCIPAL CITIES



LEGEND

8E+002 TOTAL BTEX (ug/kg)

NOT TO SCALE

btex02.srf

FIGURE 5.8

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL BTEX in SOIL (1 to 2 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 200 * OAK BROOK, IL 60521 * (630)990-7200

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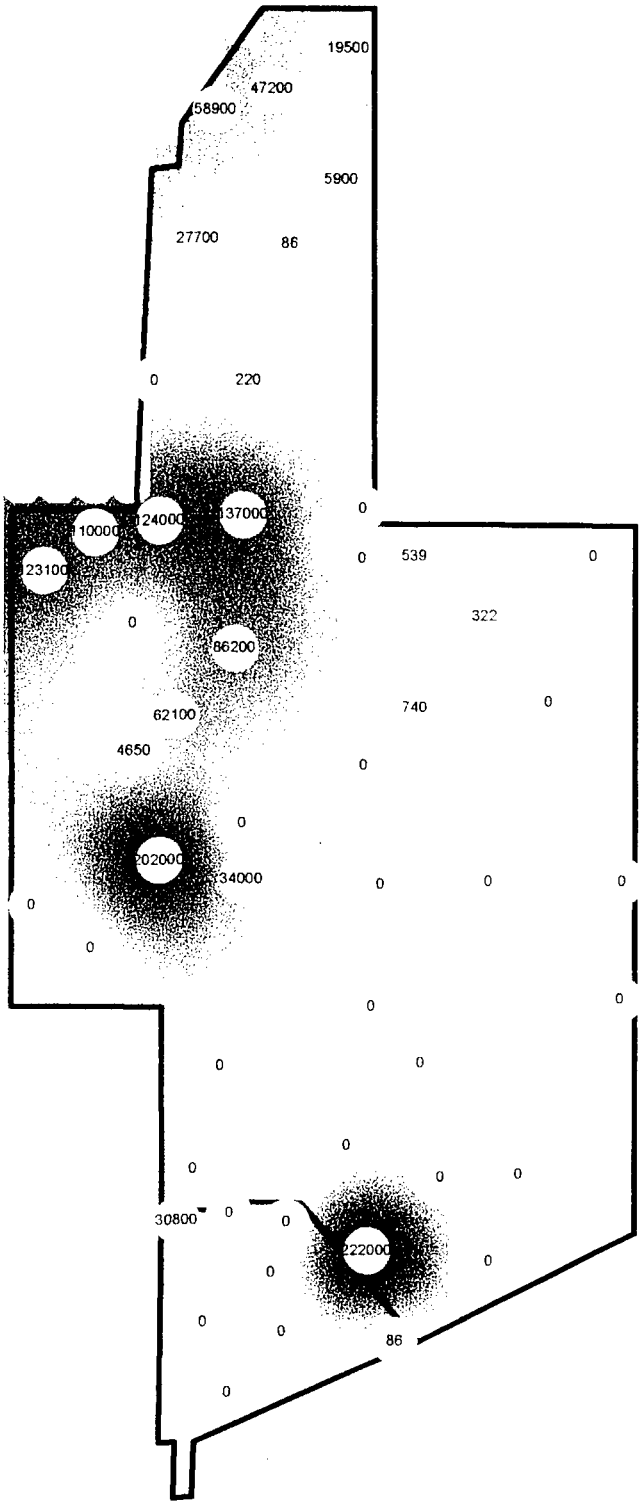


LEGEND

8E+002 TOTAL BTEX (ug/kg)

NOT TO SCALE

btexdp.srf

FIGURE 5.9

AlliedSignal, Inc./The Celotex Corporation

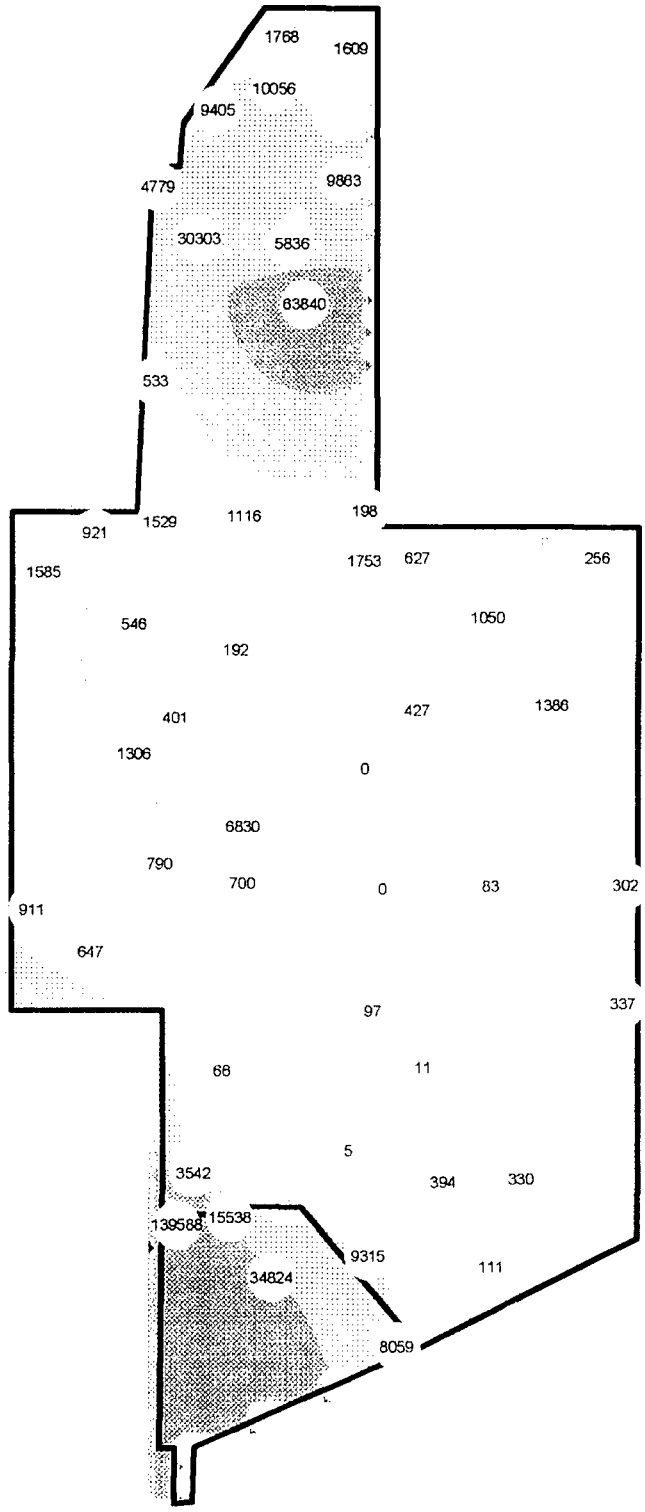
DISTRIBUTION OF TOTAL BTEX in SOIL (deep sample)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 300 * OAK BROOK, IL 60523 * (630)990-7300

OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL BAP EQUIVALENTS (ug/kg)

NOT TO SCALE

bap01.srf

FIGURE 5.10

AlliedSignal, Inc./The Celotex Corporation

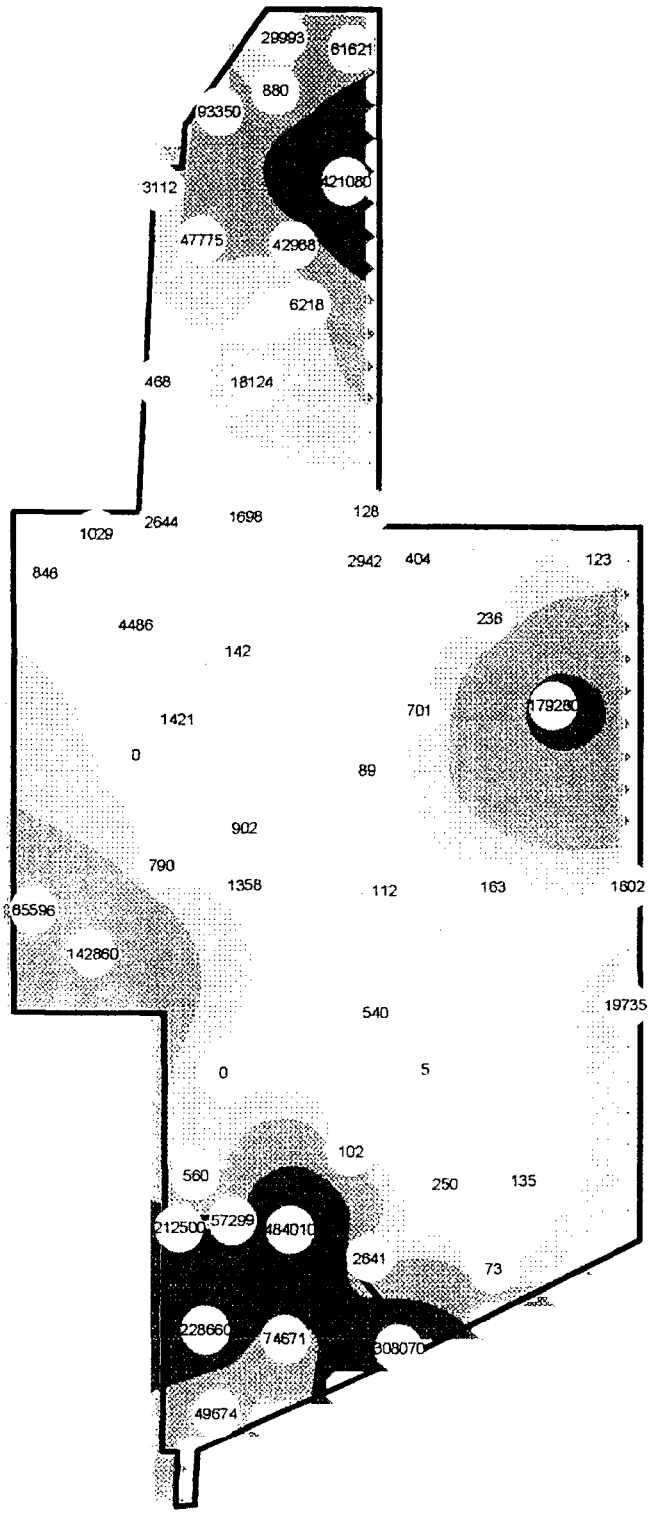
DISTRIBUTION OF TOTAL BAP EQUIVALENTS (0 to 0.5 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60521 * 630/850-7200

OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL BAP EQUIVALENTS (ug/kg)

NOT TO SCALE

bap02.srf

FIGURE 5.11

AlliedSignal, Inc./The Celotex Corporation

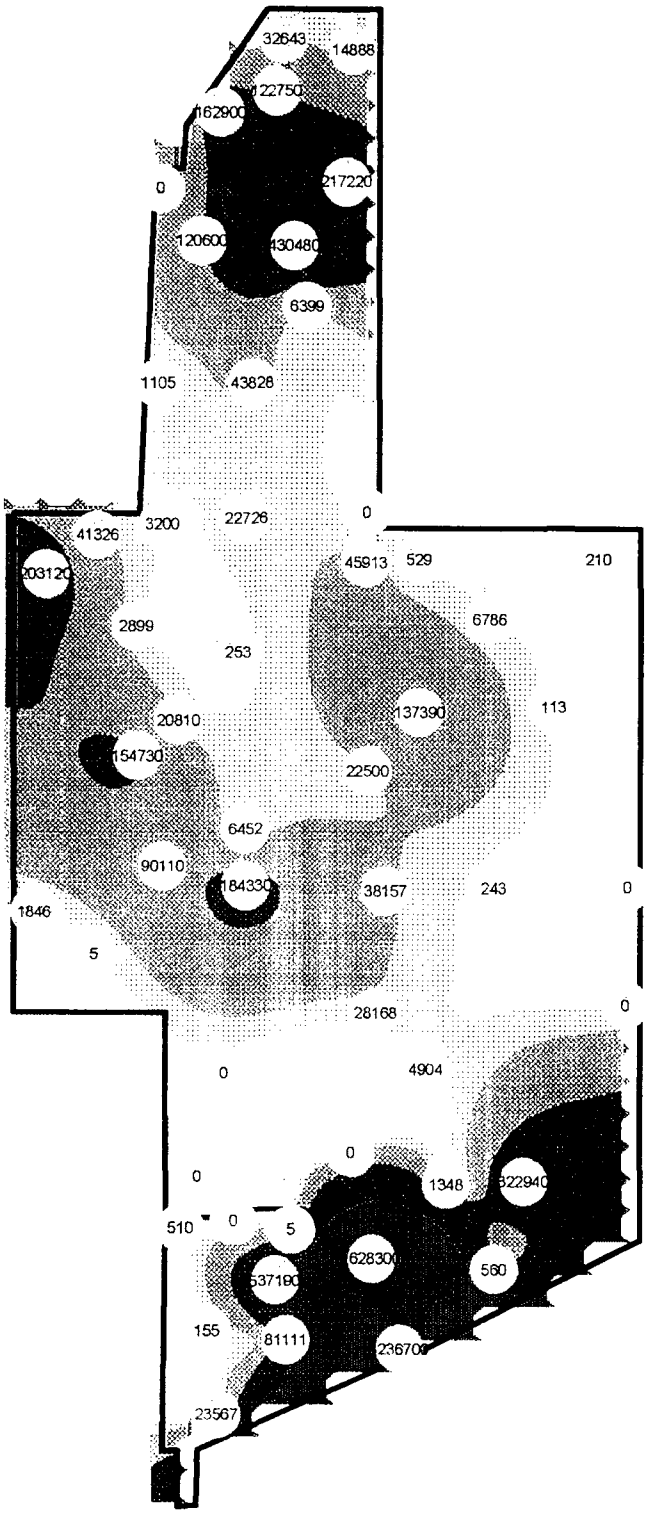
DISTRIBUTION OF TOTAL BAP EQUIVALENTS (1 to 2 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN • RESEARCH • PLANNING

1000 JORIE BLVD • SUITE 350 • OAK BROOK, IL 60521 • (630)990-7700

OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL BAP EQUIVALENTS (ug/kg)

NOT TO SCALE

bapdp.srf

FIGURE 5.12

AlliedSignal, Inc./The Celotex Corporation

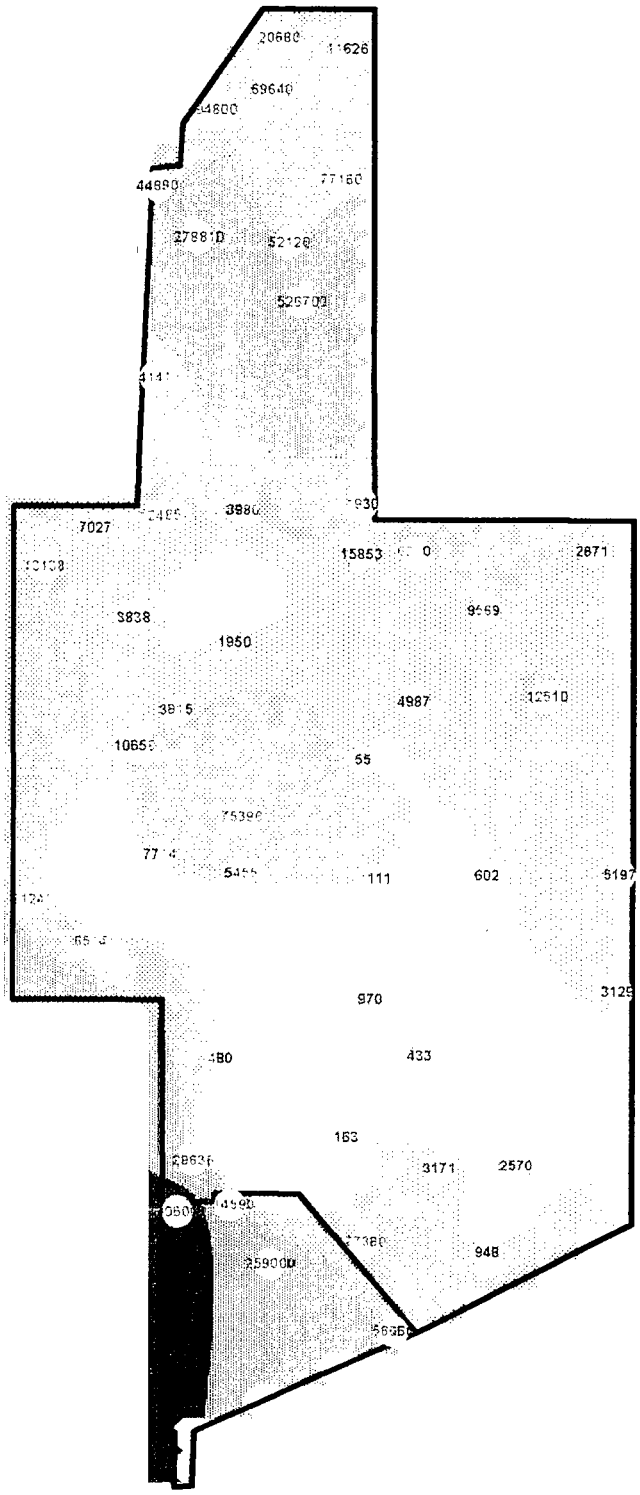
DISTRIBUTION OF TOTAL BAP EQUIVALENTS (deep sample)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 250 * OAK BROOK, IL 60523 * (630)572-7320

OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL PAHs (ug/kg)

NOT TO SCALE

pah01.srf

FIGURE 5.13

AlliedSignal, Inc./The Celotex Corporation

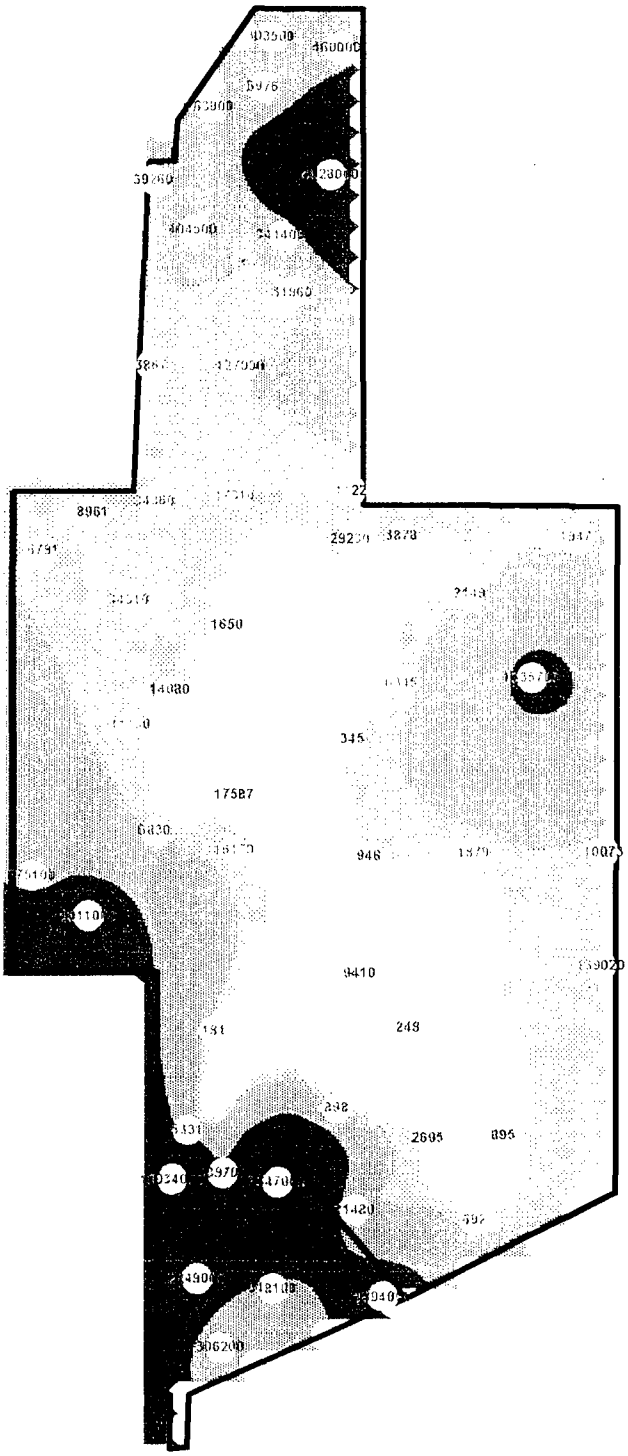
DISTRIBUTION OF TOTAL PAHs in SOIL (0 to 0.5 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

1000 JORIE BLVD * SUITE 220 * OAK BROOK, IL 60523 * (630)572-7220

OFFICES IN PRINCIPAL CITIES



LEGEND

780 TOTAL PAHs (ug/kg)

NOT TO SCALE

pah02.srf

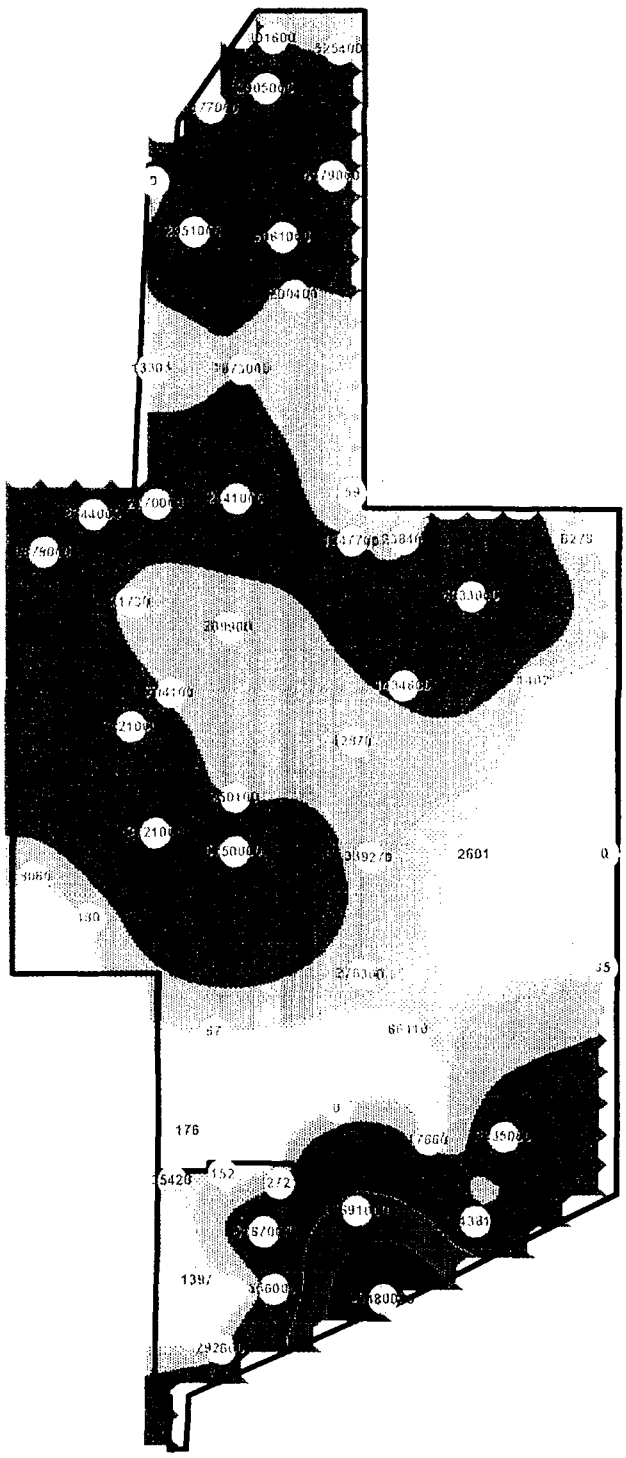
FIGURE 5.14

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL PAHs in SOIL (1 to 2 feet)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING



LEGEND

780 TOTAL PAHs (ug/kg)

NOT TO SCALE

pah03.srf

FIGURE 5.15

AlliedSignal, Inc./The Celotex Corporation

DISTRIBUTION OF TOTAL PAHs in SOIL (deep sample)

PARSONS ENGINEERING SCIENCE, INC.

DESIGN * RESEARCH * PLANNING

TABLE 5.1
SUMMARY OF DETECTIONS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-8/10	SCA-SB03-SS01-0/6	SCA-SB03-SS01-14/16	SCA-SB04-SS01-14/16	SCA-SB05-SS01-16/18
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB05
DEPTH RANGE:		6 to 8 feet	6 to 8 feet	8 to 10 feet	0 to 0.5 feet	14 to 16 feet	14 to 16 feet	16 to 18 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177003	A7E070177004	A7E030115006	A7E070177005	A7E070177007	A7E070180001	A7E070180004
EPA SAMPLE ID:		E077703	E077704	E031506	E077705	E077707	E078001	E078004
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Volatile Organic Compounds								
Methylene Chloride	ug/kg	--	--	--	--	--	--	--
Acetone	ug/kg	1900 J9	--	1400 J9	5700 J9	1100 J10	--	--
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	--	--	--	--
2-Butanone	ug/kg	--	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--	--
Benzene	ug/kg	8100 J7	32000 J10	--	--	15000	11000 J1	6200 J1
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--
Toluene	ug/kg	24000 J7	110000 J7	--	--	16000	32000	22000
Chlorobenzene	ug/kg	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	18000 J7	120000 J7	--	--	22000	18000	12000
Styrene	ug/kg	6400	--	--	--	1400 J1	--	--
Xylenes (total)	ug/kg	73000 J7	430000 J7	--	--	57000	76000	46000

TABLE 5.1
SUMMARY OF DETECTIONS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-8/10	SCA-SB08-SS01-12/14	SCA-SB09-SS01-4/6	SCA-SB10-SS01-10/12	SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16
LOCATION:		SCA-SB07	SCA-SB08	SCA-SB09	SCA-SB10	SCA-SB11	SCA-SB11	SCA-SB11
DEPTH RANGE:		8 to 10 feet	12 to 14 feet	4 to 6 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/05/97	05/05/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147004	A7E070180014	A7E090172004	A7E090176001	A7E090176002	A7E090176003	A7E090176004
EPA SAMPLE ID:		E184704	E078014	E097204	E097601	E097602	E097603	E097604
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS03	AS03	AS04	AS04	AS04	AS04
Volatile Organic Compounds								
Methylene Chloride	ug/kg	..		..	..	..	..	..
Acetone	ug/kg	..		42	1200	9 J1	360	..
1,1-Dichloroethene	ug/kg	..		..	..	..	..	..
Chloroform	ug/kg	..		..	.	..	..	..
2-Butanone	ug/kg	..		12 J1	..	..	..	..
Carbon Tetrachloride	ug/kg	..		..	..	..	..	..
Trichloroethene	ug/kg	..		..	.	..	..	..
Benzene	ug/kg	400 J1	34000	..	..	..	..	..
4-Methyl-2-pentanone	ug/kg	..		..	..	..	..	..
Tetrachloroethene	ug/kg	..		..	..	..	..	..
1,1,2,2-Tetrachloroethane	ug/kg	..		..	..	..	..	..
Toluene	ug/kg	..		..	..	..	..	..
Chlorobenzene	ug/kg	..		..	..	..	..	..
Ethylbenzene	ug/kg	3500	80000	..	..	..	..	18000
Styrene	ug/kg	..	..	..	..	..	..	..
Xylenes (total)	ug/kg	750 J1	88000	..	..	..	..	18000

TABLE 5.1
SUMMARY OF DETECTIONS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB12-SS01-4/6	SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB15-SS01-12/14	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB12	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB15	SCA-SB16
DEPTH RANGE:		4 to 6 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	06/16/97	06/16/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Re-Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E090176007	A7E090176009	A7E090176010	A7F180147005	A7F180147012	A7E190102004
EPA SAMPLE ID:		E097607	E097609	E097610	F184705	F184712	E190204
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS11	AS11	AS08
Volatile Organic Compounds							
Methylene Chloride	ug/kg	--	--	--	--	--	--
Acetone	ug/kg	2000	1200	780	--	530 J1	1500
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	3 J1	--	--
2-Butanone	ug/kg	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--
Benzene	ug/kg	--	--	--	--	16000	8700
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--
Toluene	ug/kg	--	--	--	--	20000	1400 J1
Chlorobenzene	ug/kg	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	--	--	--	16000	20000
Styrene	ug/kg	--	--	--	--	7700	--
Xylenes (total)	ug/kg	--	--	--	--	72000	32000 J3

TABLE 5.1
SUMMARY OF DETECTIONS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB01-SS01-4/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB03	SCB-SB03
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	1 to 2 feet	4 to 6 feet	1 to 2 feet	6 to 8 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	06/16/97	06/16/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Re Sample	Field Re Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7F170129008	A7F170129009	A7E030105008	A7E030112001
EPA SAMPLE ID:		E014010	E014011	E014012	F172908	F172909	E030508	E031201
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS11	AS11	AS01	AS02
Volatile Organic Compounds								
Methylene Chloride	ug/kg	--	--	--	--	--	16	--
Acetone	ug/kg	130 J9	490 J9	1100 J9	--	800 J1	--	2600
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	4 J1	--	--	--
2-Butanone	ug/kg	--	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--	--
Benzene	ug/kg	--	--	--	--	700 J1	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	2 J1	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	3 J1	--
Toluene	ug/kg	--	--	--	--	--	--	--
Chlorobenzene	ug/kg	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	--	80 J1	3 J1	14000	--	3200
Styrene	ug/kg	--	--	--	--	--	--	--
Xylenes (total)	ug/kg	--	--	140	3 J1	13000	--	2700

TABLE 5.1
SUMMARY OF DETECTIONS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-6/8	SCB-SB06-SS01-14/16	SCB-SB07-SS01-10/12
LOCATION:		SCB-SB04	SCB-SB04	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB07
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	0 to 0.5 feet	6 to 8 feet	14 to 16 feet	10 to 12 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030112003	A7E030112004	A7E030105004	A7E030105006	A7E030115003	A7E150154004
EPA SAMPLE ID:		E031203	E031204	E030504	E030506	E031503	E155404
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS01	AS01	AS02	AS07
Volatile Organic Compounds							
Methylene Chloride	ug/kg	8 J10	--	4 J10	--	--	--
Acetone	ug/kg	--	42 J9	--	51 J9	3000 J9	1400
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	--	--	--
2-Butanone	ug/kg	--	--	--	--	350 J10	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--
Benzene	ug/kg	--	3 J1	--	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--
Tetrachloroethene	ug/kg	2 J10	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--
Toluene	ug/kg	--	16	--	--	--	--
Chlorobenzene	ug/kg	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	17	--	--	--	--
Styrene	ug/kg	--	2 J1	--	--	--	--
Xylenes (total)	ug/kg	--	50	--	--	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-12/14		SCC-SB02-SS01-6/8		SCC-SB03-SS01-8/10		
LOCATION:		SCC-SB01		SCC-SB02		SCC-SB03		
DEPTH RANGE:		12 to 14 feet		6 to 8 feet		8 to 10 feet		
SAMPLE DATE:		04/29/97		04/29/97		08/16/97		
MATRIX:		Soil		Soil		Soil		
SAMPLE TYPE:		Field Sample		Field Sample		Field Re-Sample		
LAB SAMPLE ID:		A7E010140003		A7E010140006		A7F180147001		
EPA SAMPLE ID:		E014003		E014006		F184701		
SAMPLE TYPE:		N1		N1		N1		
SDG NO:		AS01		AS01		AS11		
Volatile Organic Compounds								
Methylene Chloride	ug/kg	--		--		--		
Acetone	ug/kg	3000		11000		1100	J1	
1,1-Dichloroethene	ug/kg	--		--		--		
Chloroform	ug/kg	--		--		--		
2-Butanone	ug/kg	--		--		--		
Carbon Tetrachloride	ug/kg	--		--		--		
Trichloroethene	ug/kg	--		--		--		
Benzene	ug/kg	1400 J1		3000		4300		
4-Methyl-2-pentanone	ug/kg	--		--		--		
Tetrachloroethene	ug/kg	--		--		--		
1,1,2,2-Tetrachloroethane	ug/kg	--		--		--		
Toluene	ug/kg	700 J1		1900		1900		
Chlorobenzene	ug/kg	--		--		--		
Ethylbenzene	ug/kg	6400		29000		20000		
Styrene	ug/kg	--		--		470	J1	
Xylenes (total)	ug/kg	11000		25000		21000		

TABLE 5.1
SUMMARY OF DETECTIONS - AREA D SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-12/14	SCD-SB02-SS01-8/10	SCD-SB03-SS01-4/6
LOCATION:		SCD-SB01	SCD-SB02	SCD-SB03
DEPTH RANGE:		12 to 14 feet	8 to 10 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/08/97	05/12/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147009	A7E120138004	A7E140163017
EPA SAMPLE ID:		F184709	E123804	E146317
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS05	AS06
Volatile Organic Compounds				
Methylene Chloride	ug/kg	--	--	--
Acetone	ug/kg	--	**6500 DJ2**	**5100**
1,1-Dichloroethene	ug/kg	--	--	--
Chloroform	ug/kg	--	--	--
2-Butanone	ug/kg	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--
Trichloroethene	ug/kg	--	--	--
Benzene	ug/kg	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--
Tetrachloroethene	ug/kg	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--
Toluene	ug/kg	**29 J1**	--	--
Chlorobenzene	ug/kg	--	--	--
Ethylbenzene	ug/kg	**230**	--	**82 J1**
Styrene	ug/kg	--	--	--
Xylenes (total)	ug/kg	**280**	--	**240**

TABLE 5.1
SUMMARY OF DETECTIONS - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-4/6	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB03	SCE-SB04	SCE-SB04
DEPTH RANGE:		1 to 2 feet	8 to 10 feet	0 to 0.5 feet	4 to 6 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176013	A7E090176014	A7E140163007	A7E140163006	A7E140163011	A7E140163012	A7E140163013
EPA SAMPLE ID:		E097613	E097614	E146307	E146306	E146311	E146312	E146313
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS06	AS06	AS06	AS06	AS06
Volatile Organic Compounds								
Methylene Chloride	ug/kg	--	--	--	--	--	--	--
Acetone	ug/kg	14	5000	5200	6400	1000	9800	400
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	--	--	--	--
2-Butanone	ug/kg	--	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--	--
Benzene	ug/kg	--	--	--	--	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--
Toluene	ug/kg	--	--	--	300 J1	--	--	--
Chlorobenzene	ug/kg	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	--	--	--	--	--	--
Styrene	ug/kg	--	--	--	--	--	--	--
Xylenes (total)	ug/kg	--	--	--	440 J1	--	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB04-SS01-8/10
LOCATION:		SCE-SB04
DEPTH RANGE:		8 to 10 feet
SAMPLE DATE:		05/12/97
MATRIX:		Soil
SAMPLE TYPE:		Field Sample
LAB SAMPLE ID:		A7E140163014
EPA SAMPLE ID:		E146314
SAMPLE TYPE:		N1
SDG NO:		AS06
Volatile Organic Compounds		
Methylene Chloride	ug/kg	--
Acetone	ug/kg	**2500**
1,1-Dichloroethene	ug/kg	--
Chloroform	ug/kg	--
2-Butanone	ug/kg	--
Carbon Tetrachloride	ug/kg	--
Trichloroethene	ug/kg	--
Benzene	ug/kg	--
4-Methyl-2-pentanone	ug/kg	--
Tetrachloroethene	ug/kg	--
1,1,2,2-Tetrachloroethane	ug/kg	--
Toluene	ug/kg	--
Chlorobenzene	ug/kg	--
Ethylbenzene	ug/kg	--
Styrene	ug/kg	--
Xylenes (total)	ug/kg	--

TABLE 5.1
SUMMARY OF DETECTIONS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16	SCF-SB03-SS01-1/2	SCF-SB04-SS01-8/10	SCF-SB05-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB03	SCF-SB04	SCF-SB05
DEPTH RANGE:		16 to 18 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	1 to 2 feet	8 to 10 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138007	A7E120138010	A7E120138009	A7E120138011	A7E120138013	A7F180147011	A7E120138017
EPA SAMPLE ID:		E123807	E123810	E123809	E123811	E123813	F184711	E123817
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS11	AS05
Volatile Organic Compounds								
Methylene Chloride	ug/kg	28 J1	140 J10	68 J1	100 J1	11 J1	--	--
Acetone	ug/kg	1700	18000 DJ2	10000 DJ2	4700 DJ2	--	760	2000 J9
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--
Chloroform	ug/kg	--	--	--	--	--	--	--
2-Butanone	ug/kg	--	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--	--
Benzene	ug/kg	--	--	--	--	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--
Toluene	ug/kg	--	--	--	--	--	--	--
Chlorobenzene	ug/kg	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	--	--	--	--	--	--
Styrene	ug/kg	--	--	--	--	--	--	--
Xylenes (total)	ug/kg	--	--	--	--	--	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
		LOCATION:	SCF-SB06	SCF-SB06	SCF-SB06
		DEPTH RANGE:	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
		SAMPLE DATE:	05/31/97	05/31/97	05/31/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F040135006	A7F040135004	A7F040135005
		EPA SAMPLE ID:	F043506	F043504	F043505
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS09	AS09	AS09
Volatile Organic Compounds					
Methylene Chloride	ug/kg		--	--	--
Acetone	ug/kg		**9100**	**9 J1**	**1400**
1,1-Dichloroethene	ug/kg		--	--	--
Chloroform	ug/kg		--	--	--
2-Butanone	ug/kg		--	--	--
Carbon Tetrachloride	ug/kg		--	--	--
Trichloroethene	ug/kg		--	--	--
Benzene	ug/kg		--	--	--
4-Methyl-2-pentanone	ug/kg		--	--	--
Tetrachloroethene	ug/kg		--	--	--
1,1,2,2-Tetrachloroethane	ug/kg		--	--	--
Toluene	ug/kg		--	--	--
Chlorobenzene	ug/kg		--	--	--
Ethylbenzene	ug/kg		--	--	--
Styrene	ug/kg		--	--	--
Xylenes (total)	ug/kg		--	--	--

TABLE 1
SUMMARY OF DETECTIONS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10	SCG-SB03-SS01-1/2	SCG-SB03-SS01-1/2	SCG-SB03-SS01-4/6
LOCATION:		SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02	SCG-SB03	SCG-SB03	SCG-SB03
DEPTH RANGE:		16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/12/97	05/31/97	05/31/97	05/31/97	06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E140163001	A7F040135008	A7F040135007	A7F040135009	A7F050158003	A7F050158004	A7F050158001
EPA SAMPLE ID:		E146301	F043508	F043507	F043509	F055803	F055804	F055801
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS06	AS09	AS09	AS09	AS09	AS09	AS09
Volatile Organic Compounds								
Methylene Chloride	ug/kg	7 J10		..	..	..	..	..
Acetone	ug/kg	440 J7		6700 J1	5900	670	740	800
1,1-Dichloroethene	ug/kg	..		..	..	..	..	..
Chloroform	ug/kg	..		..	..	..	..	..
2-Butanone	ug/kg	34 J1		..	..	..	..	..
Carbon Tetrachloride	ug/kg	..		..	..	..	..	..
Trichloroethene	ug/kg	..		..	..	..	..	..
Benzene	ug/kg	..	..	..	1800	..	..	..
4-Methyl-2-pentanone	ug/kg	25 J1		..	..	..	..	..
Tetrachloroethene	ug/kg	..		..	..	..	..	..
1,1,2,2-Tetrachloroethane	ug/kg	..	..	..	..	..	..	..
Toluene	ug/kg	..	..	..	..	..	..	..
Chlorobenzene	ug/kg	..	..	..	..	..	..	..
Ethylbenzene	ug/kg	..	27000	8400 J1	16000	..	..	..
Styrene	ug/kg	..	..	..	..	..	..	..
Xylenes (total)	ug/kg	..	56000	17000	13000	..	..	..

TABLE 5.1
SUMMARY OF DETECTIONS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-12/14	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10	SCG-SB94-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12
LOCATION:		SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05
DEPTH RANGE:		12 to 14 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet
SAMPLE DATE:		06/04/97	05/31/97	05/31/97	05/31/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158002	A7F040135010	A7F040135011	A7F040135013	A7F040135016	A7F040135015	A7F040135014
EPA SAMPLE ID:		F055802	F043510	F043511	F043513	F043516	F043515	F043514
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Volatile Organic Compounds								
Methylene Chloride	ug/kg	--	--	--	--	--	--	--
Acetone	ug/kg	1600	--	800 J7	130 J7	10 J1	730	200
1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--
Chloroform	ug/kg	41 J1	--	--	--	3 J1	--	--
2-Butanone	ug/kg	--	--	--	--	--	--	--
Carbon Tetrachloride	ug/kg	--	--	--	--	--	--	--
Trichloroethene	ug/kg	--	--	--	--	--	--	--
Benzene	ug/kg	--	--	--	--	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--
Toluene	ug/kg	--	--	9 J1	--	--	--	--
Chlorobenzene	ug/kg	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	--	--	41 J7	8 J10	--	--	--
Styrene	ug/kg	--	--	--	--	--	--	--
Xylenes (total)	ug/kg	--	7 J1	36 J10	7 J10	--	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB06-SS01-4/6	SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB06	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	06/04/97	06/03/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154014	A7F050163001	A7F050163002	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		E155414	F056301	F056302	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS10	AS10	AS10	AS11	AS11	AS11
Volatile Organic Compounds								
Methylene Chloride	ug/kg	..	..	..	..	..	..	..
Acetone	ug/kg	..	25000	..	1400 J1	1600	1700	200 J4
1,1-Dichloroethene	ug/kg	8500	..	..	..	..	..	..
Chloroform	ug/kg	..	..	8 J1	..	..	..	..
2-Butanone	ug/kg	..	..	..	..	..	..	..
Carbon Tetrachloride	ug/kg	..	..	..	..	..	..	..
Trichloroethene	ug/kg	7900	..	..	..	..	..	..
Benzene	ug/kg	57000	..	..	..	600 J1	..	..
4-Methyl-2-pentanone	ug/kg	..	..	..	..	..	..	4 J10
Tetrachloroethene	ug/kg	..	..	..	..	..	..	..
1,1,2,2-Tetrachloroethane	ug/kg	..	..	..	..	..	..	..
Toluene	ug/kg	68000	..	4 J1	..	730 J1	..	..
Chlorobenzene	ug/kg	8000	..	..	..	..	..	..
Ethylbenzene	ug/kg	17000	..	8 J1	..	740 J1	..	..
Styrene	ug/kg	26000	..	..	..	..	..	..
Xylenes (total)	ug/kg	80000	..	38	..	3100	..	..

TABLE 5.1
SUMMARY OF DETECTIONS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
	LOCATION:	SCG-SB09	SCG-SB09	SCG-SB09
	DEPTH RANGE:	1 to 2 feet	6 to 8 feet	8 to 10 feet
	SAMPLE DATE:	06/16/97	06/16/97	06/16/97
	MATRIX:	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7F170129004	A7F170129005	A7F170129006
	EPA SAMPLE ID:	F172904	F172905	F172906
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS11	AS11	AS11
Volatile Organic Compounds				
Methylene Chloride	ug/kg	--	--	--
Acetone	ug/kg	**180**	**90**	**190**
1,1-Dichloroethene	ug/kg	--	--	--
Chloroform	ug/kg	--	**3 J1**	**3 J1**
2-Butanone	ug/kg	--	--	**12 J1**
Carbon Tetrachloride	ug/kg	--	--	--
Trichloroethene	ug/kg	--	--	--
Benzene	ug/kg	**7 J1**	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--
Tetrachloroethene	ug/kg	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--
Toluene	ug/kg	**5 J1**	--	--
Chlorobenzene	ug/kg	--	--	--
Ethylbenzene	ug/kg	--	--	--
Styrene	ug/kg	--	--	--
Xylenes (total)	ug/kg	**3 J1**	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - BACKGROUND SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Volatile Organic Compounds				
Methylene Chloride	ug/kg	8 J1	8 J1	--
Acetone	ug/kg	--	44	960
1,1-Dichloroethene	ug/kg	--	--	--
Chloroform	ug/kg	33	10 J1	--
2-Butanone	ug/kg	--	--	--
Carbon Tetrachloride	ug/kg	6 J1	--	--
Trichloroethene	ug/kg	--	--	--
Benzene	ug/kg	--	--	--
4-Methyl-2-pentanone	ug/kg	--	--	--
Tetrachloroethene	ug/kg	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--
Toluene	ug/kg	--	--	--
Chlorobenzene	ug/kg	--	--	--
Ethylbenzene	ug/kg	--	--	--
Styrene	ug/kg	--	--	--
Xylenes (total)	ug/kg	--	--	--

TABLE 5.1
SUMMARY OF DETECTIONS - GROUNDWATER
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCG-SB03	
DEPTH RANGE:					
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater	
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Rinseate Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002
EPA ID:		F110101	F110104	F110105	F110102
SAMPLE TYPE:		N1	N1	N1	EB1
SDG NO:		AS10	AS10	AS10	AS10
Volatile Organic Compounds					
Methylene Chloride	ug/L	--	--	--	3 J1
Acetone	ug/L	--	10	6 J1	--
1,1-Dichloroethene	ug/L	--	--	--	--
Chloroform	ug/L	--	--	--	17
2-Butanone	ug/L	--	--	--	--
Carbon Tetrachloride	ug/L	--	--	--	--
Trichloroethene	ug/L	--	--	--	--
Benzene	ug/L	1300	3 J1	2 J1	--
4-Methyl-2-pentanone	ug/L	--	--	--	--
Tetrachloroethene	ug/L	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/L	--	--	--	--
Toluene	ug/L	730	3 J1	3 J1	--
Chlorobenzene	ug/L	--	--	--	--
Ethylbenzene	ug/L	800	8 J1	11	--
Styrene	ug/L	--	--	--	--
Xylenes (total)	ug/L	2500	14	19	--

NOTES:

All Field Sample IDs begin with "SSAS1-" They have been shortened here to conserve space

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TABLE ...
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Semivolatile Organic Compounds								
Phenol	ug/kg	--				--		
2-Methylphenol	ug/kg	--				--		
4-Methylphenol	ug/kg	--				--		
2,4-Dimethylphenol	ug/kg	--				--		
Naphthalene	ug/kg	--	--	2500000	2900000	--	--	62000
2-Methylnaphthalene	ug/kg	--	--	660000	800000	--	130 J1	15000 J1
Acenaphthylene	ug/kg	--	--	--	--	53 J1	--	--
Acenaphthene	ug/kg	120 J1	72 J1	240000 J1	300000 J1	180 J1	320 J1	49000
Dibenzofuran	ug/kg	--				120 J1		
Fluorene	ug/kg	98 J1	58 J1	300000 J1	360000 J1	180 J1	460 J1	52000
Phenanthrene	ug/kg	1200	760	860000	970000	2200	4400	320000
Anthracene	ug/kg	280 J1	160 J1	200000 J1	240000 J1	420 J1	1000	29000 J1
Carbazole	ug/kg	100 J1				150 J1		
Di-n-Butylphthalate	ug/kg	--				--		
Fluoranthene	ug/kg	2600	1200	540000	650000	3100	5500	280000
Pyrene	ug/kg	2200	1100	530000	580000	2400	4600	220000
Butylbenzylphthalate	ug/kg	--				--		
Benzo(a)Anthracene	ug/kg	1200	650	200000 J1	250000 J1	1300	2600	66000
Chrysene	ug/kg	1100	590	230000 J1	270000 J1	1300	2400	33000 J1
bis(2-ethylhexyl)Phthalate	ug/kg	210 J1				83 J1		
Benzo(b)fluoranthene	ug/kg	1600	800	240000 J1	300000 J1	1600	2700	49000
Benzo(k)fluoranthene	ug/kg	540	270 J1	69000 J1	120000 J1	650	970	18000 J1
Benzo(a)pyrene	ug/kg	1100	590	150000 J1	190000 J1	1200	2000	33000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	580	270 J1	82000 J1	100000 J1	650	1100	12000 J1
Dibenz(a,h)anthracene	ug/kg	140 J1	81 J1	--	--	190 J1	290 J1	--
Benzo(g,h,i)perylene	ug/kg	380 J1	190 J1	78000 J1	100000 J1	430 J1	760 J1	9700 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg	--			--			--
2-Methylphenol	ug/kg	--			--			--
4-Methylphenol	ug/kg	--			--			--
2,4-Dimethylphenol	ug/kg	--			--			--
Naphthalene	ug/kg	270 J1	250 J10	1000000	320 J1	430 J1	1200000	--
2-Methylnaphthalene	ug/kg	76 J1	77 J10	340000	100 J1	140 J1	350000	76 J1
Acenaphthylene	ug/kg	--	--	--	--	--	18000 J1	--
Acenaphthene	ug/kg	72 J1	110 J10	150000 J1	120 J1	210 J1	120000 J1	--
Dibenzofuran	ug/kg	--			84 J1			--
Fluorene	ug/kg	--	100 J10	160000 J1	120 J1	290 J1	140000 J1	--
Phenanthrene	ug/kg	620	1000 J9	370000	910	2600	250000	440
Anthracene	ug/kg	150 J1	210 J10	57000 J1	170 J1	570	85000 J1	120 J1
Carbazole	ug/kg	55 J1			81 J1			--
Di-n-Butylphthalate	ug/kg	--			--			--
Fluoranthene	ug/kg	1100	1300 J9	180000	1500	3200	100000 J1	370 J1
Pyrene	ug/kg	1000	1500 J9	200000 J9	1200	2700	87000 J1	300 J1
Butylbenzylphthalate	ug/kg	--			--			--
Benzo(a)Anthracene	ug/kg	620	860 J9	53000 J1	840	1400	25000 J1	--
Chrysene	ug/kg	570	680 J9	46000 J1	750	1300	26000 J1	--
bis(2-ethylhexyl)Phthalate	ug/kg	140 J1			150 J1			93 J1
Benzo(b)fluoranthene	ug/kg	930	960 J9	36000 J1	1100	1600	22000 J1	210 J1
Benzo(k)fluoranthene	ug/kg	260 J1	400 J9	18000 J1	310 J1	550	--	84 J1
Benzo(a)pyrene	ug/kg	670	750 J9	32000 J1	730	1200	18000 J1	160 J1
Indeno(1,2,3-cd)pyrene	ug/kg	340 J1	380 J10	--	380 J1	510 J1	--	98 J1
Dibenz(a,h)anthracene	ug/kg	59 J1	54 J10	--	150 J1	140 J1	--	--
Benzo(g,h,i)perylene	ug/kg	290 J1	330 J10	--	280 J1	470 J1	--	92 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg			--	--			--
2-Methylphenol	ug/kg			--	--			--
4-Methylphenol	ug/kg			--	--			--
2,4-Dimethylphenol	ug/kg			--	--			--
Naphthalene	ug/kg	90 J1	160000	39 J1	--	600 J1	250 J1	--
2-Methylnaphthalene	ug/kg	49 J1	30000	--	--	330 J1	120 J1	--
Acenaphthylene	ug/kg	--	--	--	--	100 J1	--	--
Acenaphthene	ug/kg	--	14000 J1	--	420 J1	440 J1	310 J1	--
Dibenzofuran	ug/kg			--	310 J1			--
Fluorene	ug/kg	47 J1	13000 J1	--	830 J10	580 J1	340 J1	--
Phenanthrene	ug/kg	270 J1	25000	340 J10	6100 J7	3600	2700	1200
Anthracene	ug/kg	66 J1	3900 J1	68 J10	2000 J7	830	660	290 J1
Carbazole	ug/kg			--	240 J1			84 J1
Di-n-Butylphthalate	ug/kg			--	--			--
Fluoranthene	ug/kg	260 J1	9400 J1	620 J7	8200 J7	5200	3300 D	2000
Pyrene	ug/kg	210 J1	9000 J1	570	7000	5100	2800	2000
Butylbenzylphthalate	ug/kg			--	--			--
Benzo(a)Anthracene	ug/kg	110 J1	2500 J1	350 J1	3000	2600	1800	900
Chrysene	ug/kg	130 J1	3100 J1	380	3200	2600	1600	860
bis(2-ethylhexyl)Phthalate	ug/kg			77 J1	--			310 J1
Benzo(b)fluoranthene	ug/kg	140 J1	--	470	3100	4100	2800	1200
Benzo(k)fluoranthene	ug/kg	46 J1	--	160 J1	1300 J1	1300	740	350 J1
Benzo(a)pyrene	ug/kg	110 J1	--	360 J1	2400	3100	2000	850
Indeno(1,2,3-cd)pyrene	ug/kg	64 J1	--	210 J1	1100 J1	1700	1100	420
Dibenz(a,h)anthracene	ug/kg	--	--	81 J10	300 J10	530 J1	320 J1	200 J1
Benzo(g,h,i)perylene	ug/kg	58 J1	--	190 J1	920 J1	1600	890	380 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14	SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08	SCA-SB09	SCA-SB09
DEPTH RANGE:		1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7E070180011	A7E070180012	A7E070180013	A7E070180014	A7E090172001	A7E090172002
EPA SAMPLE ID:		E078010	E078011	E078012	E078013	E078014	E097201	E097202
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg			--			--	
2-Methylphenol	ug/kg			--			--	
4-Methylphenol	ug/kg			--			--	
2,4-Dimethylphenol	ug/kg			--			--	
Naphthalene	ug/kg	73 J1	420000	180 J1	200 J1	1100000	390	2000 J1
2-Methylnaphthalene	ug/kg	39 J1	230000	150 J1	120 J1	410000	440	--
Acenaphthylene	ug/kg	--		--	--	--	93 J1	--
Acenaphthene	ug/kg	87 J1	98000 J1	98 J1	84 J1	230000	230 J1	9400 J1
Dibenzofuran	ug/kg			66 J1			200 J1	
Fluorene	ug/kg	130 J1	130000	150 J1	76 J1	190000	210 J1	16000 J1
Phenanthrene	ug/kg	1600	520000	1100	650	590000	1400	80000
Anthracene	ug/kg	390	120000	220 J1	160 J1	130000 J1	260 J1	49000
Carbazole	ug/kg			75 J1			100 J1	
Di-n-Butylphthalate	ug/kg			--			--	
Fluoranthene	ug/kg	2100	320000	1200	1200	290000	1800	130000
Pyrene	ug/kg	2200	350000	1300	1000	330000	1800	100000
Butylbenzylphthalate	ug/kg			--			--	
Benzo(a)Anthracene	ug/kg	910	130000	570	540	110000 J1	840	57000
Chrysene	ug/kg	880	130000	620	500	110000 J1	790	56000
bis(2-ethylhexyl)Phthalate	ug/kg			210 J1			630	
Benzo(b)fluoranthene	ug/kg	1000	120000	740	750	84000 J1	950	58000
Benzo(k)fluoranthene	ug/kg	270 J1	50000 J1	220 J1	210 J1	30000 J1	350 J1	24000
Benzo(a)pyrene	ug/kg	730	110000 J1	550	510	68000 J1	680	46000
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1	41000 J1	300 J1	380 J1	23000 J1	480	21000
Dibenz(a,h)anthracene	ug/kg	81 J1	15000 J1	76 J1	110 J1	--	--	5700 J1
Benzo(g,h,i)perylene	ug/kg	310 J1	37000 J1	240 J1	360 J1	26000 J1	530	21000

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB99-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12	SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10	SCA-SB11	SCA-SB11
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001	A7E090176002	A7E090176003
EPA SAMPLE ID:		E097203	E097204	E097205	E097206	E097601	E097602	E097603
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS04	AS04	AS04
Semivolatile Organic Compounds								
Phenol	ug/kg			--			--	
2-Methylphenol	ug/kg			--			--	
4-Methylphenol	ug/kg			--			--	
2,4-Dimethylphenol	ug/kg			--			--	
Naphthalene	ug/kg	5800 J1	200 J1	100 J1	22000 J1	--	--	370 J1
2-Methylnaphthalene	ug/kg	--	110 J1	94 J1	20000 J1	--	--	200 J1
Acenaphthylene	ug/kg	--	--	69 J1	15000 J1	--	--	--
Acenaphthene	ug/kg	10000 J1	140 J1	44 J1	23000 J1	--	48 J1	240 J1
Dibenzofuran	ug/kg			61 J1			--	
Fluorene	ug/kg	19000 J1	250 J1	57 J1	51000 J1	--	--	350 J1
Phenanthrene	ug/kg	120000	2000	620	400000	160 J1	440	2600
Anthracene	ug/kg	53000	1000	130 J1	85000 J1	--	140 J1	700
Carbazole	ug/kg			59 J1			46 J1	
Di-n-Butylphthalate	ug/kg			--			--	
Fluoranthene	ug/kg	170000	4000	1100	340000	120 J1	920	3200
Pyrene	ug/kg	130000	1700	990	300000	100 J1	910	2400
Butylbenzylphthalate	ug/kg			--			92 J1	
Benzo(a)Anthracene	ug/kg	75000	1700	510	140000	47 J1	540	1300
Chrysene	ug/kg	77000	1900	570	130000	53 J1	510	1200
bis(2-ethylhexyl)Phthalate	ug/kg			410			130 J1	
Benzo(b)fluoranthene	ug/kg	83000	1900	740	120000	--	700	1200
Benzo(k)fluoranthene	ug/kg	30000 J1	650 J1	260 J1	53000 J1	--	210 J1	490 J1
Benzo(a)pyrene	ug/kg	62000	1200	480	96000	--	480	950
Indeno(1,2,3-cd)pyrene	ug/kg	27000 J1	580 J1	390	52000 J1	--	260 J1	420 J1
Dibenz(a,h)anthracene	ug/kg	8600 J1	220 J1	--	15000 J1	--	67 J1	110 J1
Benzo(g,h,i)perylene	ug/kg	25000 J1	510 J1	360 J1	49000 J1	--	230 J1	440 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6	SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2
LOCATION:		SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13	SCA-SB13	SCA-SB13
DEPTH RANGE:		14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008	A7E090176009	A7E090176010
EPA SAMPLE ID:		E097604	E097605	E097606	E097607	E097608	E097609	E097610
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Semivolatile Organic Compounds								
Phenol	ug/kg		..			..		
2-Methylphenol	ug/kg		..			..		
4-Methylphenol	ug/kg		..			..		
2,4-Dimethylphenol	ug/kg		..			..		
Naphthalene	ug/kg	1400000	..	1800	27000	50 J1	440	720
2-Methylnaphthalene	ug/kg	290000	..	550	12000 J1	..	190 J1	240 J1
Acenaphthylene	ug/kg	..	..	64 J1	1300 J1	..	..	..
Acenaphthene	ug/kg	290000	450 J1	780	16000	..	410	320 J1
Dibenzofuran	ug/kg		560 J1			..		
Fluorene	ug/kg	390000	1200 J1	840	19000	..	490	330 J1
Phenanthrene	ug/kg	1300000	13000	3900	66000	210 J1	2100	1100
Anthracene	ug/kg	250000	3300	380 J1	6800 J1	..	360 J1	190 J1
Carbazole	ug/kg		310 J1			..		
Di-n-Butylphthalate	ug/kg		..			..		
Fluoranthene	ug/kg	710000	14000	2800	38000	210 J1	1600	810
Pyrene	ug/kg	610000	13000	2500	32000	150 J1	1300	740
Butylbenzylphthalate	ug/kg		..			..		
Benzo(a)Anthracene	ug/kg	220000	7300	900	8800 J1	77 J1	550	240 J1
Chrysene	ug/kg	210000 J1	6700	710	6000 J1	65 J1	490	220 J1
bis(2-ethylhexyl)Phthalate	ug/kg		..			..		
Benzo(b)fluoranthene	ug/kg	170000 J1	5800	620	6400 J1	110 J1	570	240 J1
Benzo(k)fluoranthene	ug/kg	62000 J1	2300 J1	330 J1	2600 J1	..	180 J1	95 J1
Benzo(a)pyrene	ug/kg	140000 J1	4700	650	4900 J1	78 J1	410	190 J1
Indeno(1,2,3-cd)pyrene	ug/kg	43000 J1	1500 J1	230 J1	..	..	160 J1	72 J1
Dibenz(a,h)anthracene	ug/kg	..	640 J1	83 J1	..	..	..	..
Benzo(g,h,i)perylene	ug/kg	45000 J1	1500 J1	280 J1	1300 J1	..	160 J1	70 J1

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/08/97	05/08/97	05/08/97	05/08/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176011	A7E090176015	A7E090176016	A7E090176018	A7E090176017	A7E150154008	A7E150154009
EPA SAMPLE ID:		E097611	E097615	E097616	E097618	E097617	E155408	E155409
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg		--	--	--	--		--
2-Methylphenol	ug/kg		--	--	--	--		--
4-Methylphenol	ug/kg		--	--	--	--		--
2,4-Dimethylphenol	ug/kg		--	--	--	--		--
Naphthalene	ug/kg	1800 J1	--	--	--	380 J1	85 J1	5300
2-Methylnaphthalene	ug/kg	--	--	--	--	180 J1	60 J1	2300
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	1500 J1	--	--	--	460 J1	130 J1	1200
Dibenzofuran	ug/kg		--	--	--	200 J1		950 J1
Fluorene	ug/kg	1500 J1	--	--	--	360 J1	110 J1	1300
Phenanthrene	ug/kg	37000	--	83 J1	47 J1	3700	1200	6300 J7
Anthracene	ug/kg	7000 J1	--	--	--	790 J1	260 J1	1700 J7
Carbazole	ug/kg		--	--	--	680 J1		770 J1
Di-n-Butylphthalate	ug/kg		--	--	--	--		--
Fluoranthene	ug/kg	55000	55 J1	84 J1	87 J1	6700	2000	4700 J7
Pyrene	ug/kg	47000	--	89 J1	100 J1	5700	2100	--
Butylbenzylphthalate	ug/kg		--	--	--	--		--
Benzo(a)Anthracene	ug/kg	27000	--	--	150 J1	4200	1200	2300 J7
Chrysene	ug/kg	26000	--	46 J10	180 J10	4400	1100	2300 J7
bis(2-ethylhexyl)Phthalate	ug/kg		86 J1	--	--	--		--
Benzo(b)fluoranthene	ug/kg	27000	--	43 J10	330 J10	5500	1300	2300 J7
Benzo(k)fluoranthene	ug/kg	8200 J1	--	--	120 J1	1800	440 J1	820 J10
Benzo(a)pyrene	ug/kg	19000	--	--	300 J1	4000	1100	1900 J7
Indeno(1,2,3-cd)pyrene	ug/kg	7600 J1	--	--	130 J1	1900	630	930 J10
Dibenz(a,h)anthracene	ug/kg	2900 J1	--	--	--	700 J1	110 J1	180 J1
Benzo(g,h,i)perylene	ug/kg	7800 J1	--	--	160 J1	2100	660	830 J10

TABLE 5.2
SUMMARY OF DETECTIONS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154010	A7E150154011	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		E155410	E155411	E190202	E190203	E190204
SAMPLE TYPE:		FR1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS08	AS08	AS08
Semivolatile Organic Compounds						
Phenol	ug/kg		23000 J1			
2-Methylphenol	ug/kg		..			
4-Methylphenol	ug/kg		42000 J1			
2,4-Dimethylphenol	ug/kg		..			
Naphthalene	ug/kg	..	920000	..	..	58000 D
2-Methylnaphthalene	ug/kg	..	240000	..	..	20000
Acenaphthylene	ug/kg	..	..	..	..	1500 J1
Acenaphthene	ug/kg	..	150000 J1	..	120 J1	29000
Dibenzofuran	ug/kg		140000 J1			
Fluorene	ug/kg	..	140000 J1	..	140 J1	40000 D
Phenanthrene	ug/kg	240 J10	350000	380	1500	150000 D
Anthracene	ug/kg	46 J10	38000 J1	85 J1	340 J1	140000 D
Carbazole	ug/kg		40000 J1			
Di-n-Butylphthalate	ug/kg		..			
Fluoranthene	ug/kg	440 J7	170000	730	2800	82000 D
Pyrene	ug/kg	520 J7	130000 J1	740	2800	78000 D
Butylbenzylphthalate	ug/kg		..			
Benzo(a)Anthracene	ug/kg	220 J10	32000 J1	300 J1	1100	25000
Chrysene	ug/kg	280 J10	..	360 J1	1200	25000
bis(2-ethylhexyl)Phthalate	ug/kg		..			
Benzo(b)fluoranthene	ug/kg	340 J10	..	430	1500	20000
Benzo(k)fluoranthene	ug/kg	120 J10	..	160 J1	570	9500
Benzo(a)pyrene	ug/kg	240 J10	..	310 J1	1100	14000
Indeno(1,2,3-cd)pyrene	ug/kg	160 J10	..	160 J1	540	5900
Dibenz(a,h)anthracene	ug/kg	..	..	..	..	1600 J1
Benzo(g,h,i)perylene	ug/kg	150 J10	..	160 J1	570	4600

TABLE 5.2
SUMMARY OF DETECTIONS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB03
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7E030105001	A7E030105007
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	E030501	E030507
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS01	AS01
Semivolatile Organic Compounds								
Phenol	ug/kg				--	--	--	--
2-Methylphenol	ug/kg				--	--	--	--
4-Methylphenol	ug/kg				--	--	--	--
2,4-Dimethylphenol	ug/kg				--	--	--	--
Naphthalene	ug/kg	1100 J1	79000	71000	8300 J1	5700 J1	57000 J1	290 J1
2-Methylnaphthalene	ug/kg	520 J1	41000 J1	28000	2100 J1	1800 J1	--	--
Acenaphthylene	ug/kg	--	--	--	810 J1	--	--	--
Acenaphthene	ug/kg	1000 J1	110000	72000	3700 J1	6200 J1	120000 J1	680 J1
Dibenzofuran	ug/kg				2200 J1	3500 J1	80000 J1	--
Fluorene	ug/kg	770 J1	95000	58000	3600 J1	6400 J1	120000 J1	750 J1
Phenanthrene	ug/kg	8100	230000	120000	30000	49000	730000	7600
Anthracene	ug/kg	1800 J1	40000 J1	15000 J1	7900 J1	13000	50000 J1	2100 J1
Carbazole	ug/kg				3700 J1	4900 J1	26000 J1	670 J1
Di-n-Butylphthalate	ug/kg				--	--	--	--
Fluoranthene	ug/kg	23000	160000	72000	50000	71000	700000	15000
Pyrene	ug/kg	18000	110000	51000	43000	58000	590000	10000
Butylbenzylphthalate	ug/kg				--	--	--	--
Benzo(a)Anthracene	ug/kg	10000	41000 J1	15000 J1	23000	32000	160000 J1	6200
Chrysene	ug/kg	12000	48000	18000 J1	23000	35000	110000 J1	7500
bis(2-ethylhexyl)Phthalate	ug/kg				--	--	--	390 J1
Benzo(b)fluoranthene	ug/kg	17000	42000 J1	15000 J1	31000	45000	120000 J1	9200
Benzo(k)fluoranthene	ug/kg	6200	18000 J10	5900 J10	10000 J1	14000	49000 J1	3500
Benzo(a)pyrene	ug/kg	13000	34000 J1	12000 J1	21000	34000	89000 J1	7100
Indeno(1,2,3-cd)pyrene	ug/kg	6500	13000 J1	4500 J1	9800 J1	15000	30000 J1	3400
Dibenz(a,h)anthracene	ug/kg	1700 J1	--	--	2800 J1	4400 J1	--	840 J1
Benzo(g,h,i)perylene	ug/kg	6400	12000 J1	4100 J1	8800 J1	14000	26000 J1	3000

TABLE 6.2
SUMMARY OF DETECTIONS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6	SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6
LOCATION:		SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04	SCB-SB05	SCB-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate
LAB SAMPLE ID:		A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004	A7E030105003	A7E030105004
EPA SAMPLE ID:		E030508	E031201	E031202	E031203	E031204	E030503	E030504
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	FR1
SDG NO:		AS01	AS02	AS02	AS02	AS02	AS01	AS01
Semivolatile Organic Compounds								
Phenol	ug/kg			..			..	..
2-Methylphenol	ug/kg			..			..	..
4-Methylphenol	ug/kg			..			..	..
2,4-Dimethylphenol	ug/kg			..			..	..
Naphthalene	ug/kg	17000 J1	580000	..	..	380000	..	..
2-Methylnaphthalene	ug/kg	..	290000	200 J1	1500 J1	94000 J1	..	..
Acenaphthylene	ug/kg	..	15000 J1	..	1700 J1	..	..	..
Acenaphthene	ug/kg	26000 J1	260000	840 J1	3000 J1	180000	..	..
Dibenzofuran	ug/kg			320 J1			..	..
Fluorene	ug/kg	28000 J1	210000	620 J1	4400 J1	180000	..	..
Phenanthrene	ug/kg	470000	780000	5400	34000	890000	370 J1	560
Anthracene	ug/kg	120000 J1	230000	1200 J1	9000	260000	64 J1	86 J1
Carbazole	ug/kg			690 J1			..	..
Di-n-Butylphthalate	ug/kg			..			..	..
Fluoranthene	ug/kg	750000	480000	10000	57000	730000	790	910
Pyrene	ug/kg	710000	410000	8700	50000	630000	640	660
Butylbenzylphthalate	ug/kg			..			..	..
Benzo(a)Anthracene	ug/kg	340000	200000	4400	30000	310000	370 J1	390
Chrysene	ug/kg	380000	180000	4600	28000	280000	440	480
bis(2-ethylhexyl)Phthalate	ug/kg			260 J1			..	..
Benzo(b)fluoranthene	ug/kg	450000	170000	6300	44000	350000	500	460
Benzo(k)fluoranthene	ug/kg	170000	64000 J1	2100	14000	120000 J1	210 J1	210 J1
Benzo(a)pyrene	ug/kg	290000	150000	4000	30000	310000	370 J1	400
Indeno(1,2,3-cd)pyrene	ug/kg	130000 J1	74000 J1	1800	16000	160000	160 J1	200 J1
Dibenz(a,h)anthracene	ug/kg	37000 J1	22000 J1	560 J1	3800 J1	37000 J1	57 J1	52 J1
Benzo(g,h,i)perylene	ug/kg	110000 J1	64000 J1	1600	15000	150000	170 J1	160 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16	SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06	SCB-SB07	SCB-SB07
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/01/97	05/01/97	05/02/97	05/02/97	05/02/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003	A7E150154002	A7E150154003
EPA SAMPLE ID:		E030505	E030506	E031501	E031502	E031503	E155402	E155403
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS02	AS02	AS02	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg			--				
2-Methylphenol	ug/kg			--				
4-Methylphenol	ug/kg			--				
2,4-Dimethylphenol	ug/kg			--				
Naphthalene	ug/kg	--	790	--	--	--	260 J1	820 J1
2-Methylnaphthalene	ug/kg	--	280 J1	--	--	--	--	480 J1
Acenaphthylene	ug/kg	--	63 J1	--	--	--	--	--
Acenaphthene	ug/kg	--	460 J1	--	--	--	430 J1	740 J1
Dibenzofuran	ug/kg			--				
Fluorene	ug/kg	43 J1	520 J1	--	--	--	520 J1	930 J1
Phenanthrene	ug/kg	390	2000	220 J1	120 J10	59 J1	5200	7300
Anthracene	ug/kg	59 J1	610	--	--	--	1500 J1	1600
Carbazole	ug/kg			--				
Di-n-Butylphthalate	ug/kg			--				
Fluoranthene	ug/kg	780	2200	400	180 J10	--	7500	6500
Pyrene	ug/kg	550	1500	340 J1	230 J10	--	8200	6600
Butylbenzylphthalate	ug/kg			--				
Benzo(a)Anthracene	ug/kg	290 J1	780	160 J1	100 J10	--	3800	2700
Chrysene	ug/kg	390	1000	190 J1	110 J10	--	4100	3100
bis(2-ethylhexyl)Phthalate	ug/kg			66 J1				
Benzo(b)fluoranthene	ug/kg	430	1100	230 J1	110 J10	--	4000	2700
Benzo(k)fluoranthene	ug/kg	200 J1	390 J1	88 J1	49 J10	--	1500 J1	960 J1
Benzo(a)pyrene	ug/kg	320 J1	760	150 J1	100 J10	--	3200	2100
Indeno(1,2,3-cd)pyrene	ug/kg	190 J1	420 J1	81 J1	66 J10	--	2000	1300 J1
Dibenz(a,h)anthracene	ug/kg	55 J1	110 J1	--	--	--	580 J1	330 J1
Benzo(g,h,i)perylene	ug/kg	170 J1	320 J1	71 J1	57 J10	--	2100	1100 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
		LOCATION:	SCB-SB08	SCB-SB08	SCB-SB08
		DEPTH RANGE:	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
		SAMPLE DATE:	05/13/97	05/13/97	05/13/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E150154005	A7E150154006	A7E150154007
		EPA SAMPLE ID:	E155405	E155406	E155407
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS07	AS07	AS07
Semivolatile Organic Compounds					
Phenol	ug/kg				
2-Methylphenol	ug/kg				
4-Methylphenol	ug/kg				
2,4-Dimethylphenol	ug/kg				
Naphthalene	ug/kg		..	260 J1	8000 J1
2-Methylnaphthalene	ug/kg		..	..	8100 J1
Acenaphthylene	ug/kg		..	..	..
Acenaphthene	ug/kg		5600 J1	290 J1	12000
Dibenzofuran	ug/kg				
Fluorene	ug/kg		5300 J1	310 J1	13000
Phenanthrene	ug/kg		57000	4800	53000
Anthracene	ug/kg		13000 J1	1300 J1	8300 J1
Carbazole	ug/kg				
Di-n-Butylphthalate	ug/kg				
Fluoranthene	ug/kg		84000	8900	32000
Pyrene	ug/kg		88000	8500	30000
Butylbenzylphthalate	ug/kg				
Benzo(a)Anthracene	ug/kg		46000	4400	9300 J1
Chrysene	ug/kg		50000	4400	7900 J1
bis(2-ethylhexyl)Phthalate	ug/kg				
Benzo(b)fluoranthene	ug/kg		53000	5500	6300 J1
Benzo(k)fluoranthene	ug/kg		19000 J1	2400	2600 J1
Benzo(a)pyrene	ug/kg		44000	3900	5100 J1
Indeno(1,2,3-cd)pyrene	ug/kg		29000	3000	2400 J1
Dibenz(a,h)anthracene	ug/kg		6800 J1	1000 J1	..
Benzo(g,h,i)perylene	ug/kg		20000	2900	2400 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Semivolatile Organic Compounds								
Phenol	ug/kg	--			--			--
2-Methylphenol	ug/kg	--			--			--
4-Methylphenol	ug/kg	--			--			--
2,4-Dimethylphenol	ug/kg	--			--			--
Naphthalene	ug/kg	56 J1	4400 J1	130000	--	6400 J1	1200000	360 J1
2-Methylnaphthalene	ug/kg	--	1700 J1	91000	--	3100 J1	790000	--
Acenaphthylene	ug/kg	--	--	21000 J1	--	--	30000 J1	--
Acenaphthene	ug/kg	--	6200 J1	27000	--	9200 J1	420000	600 J1
Dibenzofuran	ug/kg	--			--			--
Fluorene	ug/kg	--	5100 J1	27000	--	8800 J1	250000	--
Phenanthrene	ug/kg	1000	47000	70000	8900	85000	800000	5900
Anthracene	ug/kg	180 J1	11000 J1	26000	1800 J1	23000	200000	1300 J1
Carbazole	ug/kg	91 J1			690 J1			520 J1
Di-n-Butylphthalate	ug/kg	--			--			--
Fluoranthene	ug/kg	2000	78000	30000	23000	140000	340000	12000
Pyrene	ug/kg	1600	58000	38000	17000	100000	440000	9100
Butylbenzylphthalate	ug/kg	--			--			--
Benzo(a)Anthracene	ug/kg	1000	35000	15000 J1	8200	60000	160000 J1	5900
Chrysene	ug/kg	1200	41000	18000 J1	9800	70000	170000 J1	6800
bis(2-ethylhexyl)Phthalate	ug/kg	180 J1			670 J1			510 J1
Benzo(b)fluoranthene	ug/kg	1500	60000	10000 J1	9400	93000	120000 J1	10000
Benzo(k)fluoranthene	ug/kg	540	18000	4000 J1	3500 J1	28000	43000 J1	2900
Benzo(a)pyrene	ug/kg	1100	44000	12000 J1	6500	66000	130000 J1	7100
Indeno(1,2,3-cd)pyrene	ug/kg	620	23000	3300 J1	3000 J1	33000	43000 J1	3500
Dibenz(a,h)anthracene	ug/kg	190 J1	5600 J1	--	800 J1	8400 J1	--	980 J1
Benzo(g,h,i)perylene	ug/kg	640	22000	3100 J1	2900 J1	30000	41000 J1	3200

TABLE 4
SUMMARY OF DETECTIONS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB04-SS01-0/6	SCC-SB04-SS01-1/2	SCC-SB04-SS01-14/16
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		04/29/97	04/29/97	05/12/97	05/13/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140008	A7E010140009	A7E140163018	A7E150154001	A7E140163019	A7E140163020
EPA SAMPLE ID:		E014008	E014009	E146318	E155401	E146319	E146320
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1
SDG NO:		AS01	AS01	AS06	AS07	AS06	AS06
Semivolatile Organic Compounds							
Phenol	ug/kg	--	--				
2-Methylphenol	ug/kg	--	--				
4-Methylphenol	ug/kg	--	--				
2,4-Dimethylphenol	ug/kg	--	--				
Naphthalene	ug/kg	56 J1	1100000 J2	450 J1	1300	5200 J1	120000
2-Methylnaphthalene	ug/kg	--	560000 J2	170 J1	470 J1	1400 J1	100000
Acenaphthylene	ug/kg	--	22000 J2	--	--	--	42000
Acenaphthene	ug/kg	--	280000 J2	210 J1	410 J1	5000 J1	8700 J1
Dibenzofuran	ug/kg	--	50000 J2				
Fluorene	ug/kg	--	160000 J2	200 J1	360 J1	4900 J1	39000
Phenanthrene	ug/kg	820	530000 J2	1700	2300	41000	160000
Anthracene	ug/kg	100 J1	130000 J2	590 J1	490 J1	9000 J1	50000
Carbazole	ug/kg	67 J1	--				
Di-n-Butylphthalate	ug/kg	--	--				
Fluoranthene	ug/kg	1300	250000 J2	2800	2800	50000	57000
Pyrene	ug/kg	900	330000 J2	2400	3200	54000	98000
Butylbenzylphthalate	ug/kg	--	--				
Benzo(a)Anthracene	ug/kg	510	120000 J2	1300	1500	23000	31000
Chrysene	ug/kg	690	120000 J2	1400	1800	23000	29000
bis(2-ethylhexyl)Phthalate	ug/kg	130 J1	--				
Benzo(b)fluoranthene	ug/kg	890	100000 J2	1800	1800	25000	16000 J1
Benzo(k)fluoranthene	ug/kg	260 J1	43000 J2	530 J1	630 J1	17000	8400 J1
Benzo(a)pyrene	ug/kg	600	97000 J2	1300	1400	24000	27000
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1	32000 J2	520 J1	1000	10000 J1	8300 J1
Dibenz(a,h)anthracene	ug/kg	100 J1	--	100 J1	220 J1	--	--
Benzo(g,h,i)perylene	ug/kg	380	31000 J2	530 J1	1000	11000 J1	9200 J1

TABLE
SUMMARY OF DETECTIONS - AREA D SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2	SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02	SCD-SB02	SCD-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7E120138001	A7E120138002	A7E120138003	A7E120138004	A7E140163015
EPA SAMPLE ID:		E097619	E097620	E123801	E123802	E123803	E123804	E146315
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS05	AS05	AS05	AS05	AS06
Semivolatile Organic Compounds								
Phenol	ug/kg	--	--	--	--			--
2-Methylphenol	ug/kg	--	--	--	--			--
4-Methylphenol	ug/kg	--	--	--	--			--
2,4-Dimethylphenol	ug/kg	--	--	--	--			--
Naphthalene	ug/kg	--	--	4700	100 J1	120 J1	170 J1	60 J1
2-Methylnaphthalene	ug/kg	--	--	1700	55 J1	71 J1	670	59 J1
Acenaphthylene	ug/kg	--	--	--	--	--	50 J1	--
Acenaphthene	ug/kg	59 J1	--	3300	100 J1	140 J1	780	100 J1
Dibenzofuran	ug/kg	--	--	1800	71 J1			76 J1
Fluorene	ug/kg	71 J1	--	2100	88 J1	120 J1	620	130 J1
Phenanthrene	ug/kg	750	400	4500	330 J1	390	1500	1100
Anthracene	ug/kg	160 J1	98 J1	450 J1	68 J1	68 J1	340 J1	290 J1
Carbazole	ug/kg	74 J1	43 J1	92 J1	--			130 J1
Di-n-Butylphthalate	ug/kg	--	--	--	--			--
Fluoranthene	ug/kg	1200	710	2600	440	270 J1	720	1600
Pyrene	ug/kg	1100	750	1600	320 J1	210 J1	460	1700
Butylbenzylphthalate	ug/kg	--	--	--	--			--
Benzo(a)Anthracene	ug/kg	530	350 J1	640 J1	200 J1	99 J1	190 J1	870
Chrysene	ug/kg	580	350 J1	540 J1	210 J1	100 J1	160 J1	840
bis(2-ethylhexyl)Phthalate	ug/kg	67 J1	83 J1	--	74 J1			140 J1
Benzo(b)fluoranthene	ug/kg	600	430	540 J1	250 J1	120 J1	210 J1	860
Benzo(k)fluoranthene	ug/kg	240 J1	200 J1	170 J1	100 J1	56 J1	71 J1	410
Benzo(a)pyrene	ug/kg	490	310 J1	390 J1	200 J1	96 J1	160 J1	840
Indeno(1,2,3-cd)pyrene	ug/kg	210 J1	140 J1	190 J1	100 J1	42 J1	92 J1	320 J1
Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/kg	220 J1	140 J1	220 J1	110 J1	45 J1	85 J1	390

TABLE 5.2
SUMMARY OF DETECTIONS - AREA D SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD SB03-SS01 1/2	SCD SB03 SS01 4/6
LOCATION:		SCD-SB03	SCD SB03
DEPTH RANGE:		1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/12/97	05/12/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163016	A7E140163017
EPA SAMPLE ID:		E146316	E146317
SAMPLE TYPE:		N1	N1
SDG NO:		AS06	AS06
Semivolatile Organic Compounds			
Phenol	ug/kg		
2 Methylphenol	ug/kg		
4 Methylphenol	ug/kg		
2,4-Dimethylphenol	ug/kg		
Naphthalene	ug/kg	67 J1	410000 J1
2 Methylnaphthalene	ug/kg	48 J1	3500000
Acenaphthylene	ug/kg	--	--
Acenaphthene	ug/kg	--	1800000
Dibenzofuran	ug/kg		
Fluorene	ug/kg	--	500000 J1
Phenanthrene	ug/kg	270 J1	180000 J1
Anthracene	ug/kg	61 J1	--
Carbazole	ug/kg		
Di-n-Butylphthalate	ug/kg		
Fluoranthene	ug/kg	330 J1	140000 J1
Pyrene	ug/kg	310 J1	170000 J1
Butylbenzylphthalate	ug/kg		
Benzo(a)Anthracene	ug/kg	180 J1	67000 J1
Chrysene	ug/kg	190 J1	86000 J1
bis(2-ethylhexyl)Phthalate	ug/kg		
Benzo(b)fluoranthene	ug/kg	150 J1	--
Benzo(k)fluoranthene	ug/kg	83 J1	--
Benzo(a)pyrene	ug/kg	190 J1	--
Indeno(1,2,3-cd)pyrene	ug/kg	120 J1	--
Dibenz(a,h)anthracene	ug/kg	--	--
Benzo(g,h,i)perylene	ug/kg	150 J1	--

TABLE
SUMMARY OF DETECTIONS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
		LOCATION:	SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
		DEPTH RANGE:	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
		SAMPLE DATE:	05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
		MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
		EPA SAMPLE ID:	E097612	E097613	E097614	E146307	E146305	E146306	E146308
		SAMPLE TYPE:	N1	N1	N1	N1	N1	N1	N1
		SDG NO:	AS04	AS04	AS04	AS06	AS06	AS06	AS06
Semivolatile Organic Compounds									
Phenol	ug/kg		--			--			--
2-Methylphenol	ug/kg		--			--			--
4-Methylphenol	ug/kg		--			--			--
2,4-Dimethylphenol	ug/kg		--			--			--
Naphthalene	ug/kg		--	--	68 J1	99 J1	42 J1	8600 J1	250 J1
2-Methylnaphthalene	ug/kg		--	--	--	98 J1	41 J1	14000 J1	210 J1
Acenaphthylene	ug/kg		--	--	--	--	--	--	--
Acenaphthene	ug/kg		--	--	--	160 J1	59 J1	26000 J1	320 J1
Dibenzofuran	ug/kg		--			120 J1			220 J1
Fluorene	ug/kg		--	--	--	170 J1	68 J1	26000 J1	330 J1
Phenanthrene	ug/kg		76 J1	240 J1	300 J1	820	710	190000	1100
Anthracene	ug/kg		--	56 J1	--	140 J1	170 J1	49000 J1	130 J1
Carbazole	ug/kg		--			--			--
Di-n-Butylphthalate	ug/kg		--			--			--
Fluoranthene	ug/kg		120 J1	370 J1	460	920	1400	250000	850
Pyrene	ug/kg		120 J1	370 J1	500	630	1000	270000	580
Butylbenzylphthalate	ug/kg		--			--			--
Benzo(a)Anthracene	ug/kg		61 J1	150 J1	240 J1	400	500	110000	280 J1
Chrysene	ug/kg		72 J1	160 J1	240 J1	370 J1	510	120000	230 J1
bis(2-ethylhexyl)Phthalate	ug/kg		160 J1			160 J1			270 J1
Benzo(b)fluoranthene	ug/kg		85 J1	200 J1	280 J1	400	640	110000	290 J1
Benzo(k)fluoranthene	ug/kg		--	74 J1	140 J1	140 J1	190 J1	57000	97 J1
Benzo(a)pyrene	ug/kg		68 J1	120 J1	180 J1	330 J1	520	110000	230 J1
Indeno(1,2,3-cd)pyrene	ug/kg		--	72 J1	93 J1	150 J1	200 J1	47000 J1	140 J1
Dibenz(a,h)anthracene	ug/kg		--	--	--	--	45 J1	--	--
Benzo(g,h,i)perylene	ug/kg		--	67 J1	100 J1	160 J1	250 J1	47000 J1	160 J1

TABLE ...
SUMMARY OF DETECTIONS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB03-SS01-1/2	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6	SCE-SB06-SS01-1/2
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163012	A7E140163013	A7E140163014	A7E190102005	A7E190102006
EPA SAMPLE ID:		E146309	E146310	E146312	E146313	E146314	E190205	E190206
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS08	AS08
Semivolatile Organic Compounds								
Phenol	ug/kg	--		--				
2-Methylphenol	ug/kg	--		--				
4-Methylphenol	ug/kg	--		--				
2,4-Dimethylphenol	ug/kg	--		--				
Naphthalene	ug/kg	--	170 J1	140 J1	--	--	--	--
2-Methylnaphthalene	ug/kg	37 J1	--	--	6700 J1	--	--	--
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	150 J10	640 J10	210 J1	7500 J1	--	--	--
Dibenzofuran	ug/kg	46 J1		90 J1				
Fluorene	ug/kg	86 J10	420 J10	140 J1	6500 J1	--	--	--
Phenanthrene	ug/kg	760 J7	4100 J7	1400	89000	220 J1	62 J1	60 J1
Anthracene	ug/kg	190 J10	1200 J10	320 J1	20000 J1	91 J1	--	--
Carbazole	ug/kg	91 J1		180 J1				
Di-n-Butylphthalate	ug/kg	--		--				
Fluoranthene	ug/kg	1400 J7	8000 J7	2000	220000	330 J1	49 J1	170 J1
Pyrene	ug/kg	1400 J7	6800 J7	2200	240000	260 J1	--	170 J1
Butylbenzylphthalate	ug/kg	--		--				
Benzo(a)Anthracene	ug/kg	930 J7	3800 J7	1100	130000	96 J1	--	90 J1
Chrysene	ug/kg	800 J7	3500 J7	1200	160000	120 J1	--	120 J1
bis(2-ethylhexyl)Phthalate	ug/kg	610		--				
Benzo(b)fluoranthene	ug/kg	1200 J7	6400 J7	1200	140000	150 J1	--	140 J1
Benzo(k)fluoranthene	ug/kg	460 J7	2400 J7	470 J1	62000	47 J1	--	60 J1
Benzo(a)pyrene	ug/kg	1200 J7	5200 J7	1100	130000	88 J1	--	88 J1
Indeno(1,2,3-cd)pyrene	ug/kg	640 J7	2500 J7	500	55000	--	--	--
Dibenz(a,h)anthracene	ug/kg	120 J10	530 J10	--	16000 J1	--	--	--
Benzo(g,h,i)perylene	ug/kg	700 J7	2900 J7	530	53000	--	--	48 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-6/8	
LOCATION:		SCE-SB05	
DEPTH RANGE:		6 to 8 feet	
SAMPLE DATE:		05/14/97	
MATRIX:		Soil	
SAMPLE TYPE:		Field Sample	
LAB SAMPLE ID:		A7E190102007	
EPA SAMPLE ID:		E190207	
SAMPLE TYPE:		N1	
SDG NO:		AS08	
Semivolatile Organic Compounds			
Phenol	ug/kg	--	
2-Methylphenol	ug/kg	--	
4-Methylphenol	ug/kg	--	
2,4-Dimethylphenol	ug/kg	--	
Naphthalene	ug/kg	1500	J1
2-Methylnaphthalene	ug/kg	970	J1
Acenaphthylene	ug/kg	--	
Acenaphthene	ug/kg	3100	J1
Dibenzofuran	ug/kg	2700	J1
Fluorene	ug/kg	5900	J1
Phenanthrene	ug/kg	44000	
Anthracene	ug/kg	18000	
Carbazole	ug/kg	5400	J1
Di-n-Butylphthalate	ug/kg	--	
Fluoranthene	ug/kg	59000	
Pyrene	ug/kg	49000	
Butylbenzylphthalate	ug/kg	--	
Benzo(a)Anthracene	ug/kg	27000	
Chrysene	ug/kg	27000	
bis(2-ethylhexyl)Phthalate	ug/kg	--	
Benzo(b)fluoranthene	ug/kg	32000	
Benzo(k)fluoranthene	ug/kg	13000	
Benzo(a)pyrene	ug/kg	27000	
Indeno(1,2,3-cd)pyrene	ug/kg	13000	
Dibenz(a,h)anthracene	ug/kg	3800	J1
Benzo(g,h,i)perylene	ug/kg	15000	

TABLE 5.2
SUMMARY OF DETECTIONS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Semivolatile Organic Conpounds								
Phenol	ug/kg	--			--	--		
2-Methylphenol	ug/kg	--			--	--		
4-Methylphenol	ug/kg	--			--	--		
2,4-Dimethylphenol	ug/kg	--			--	--		
Naphthalene	ug/kg	86 J1	50 J1	--	--	--	--	--
2-Methylnaphthalene	ug/kg	100 J1	44 J1	--	--	--	--	--
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	320 J1	57 J1	--	--	--	--	--
Dibenzofuran	ug/kg	200 J1			--	--		
Fluorene	ug/kg	400 J1	--	--	--	--	--	--
Phenanthrene	ug/kg	3500	600	78 J1	93 J1	67 J1	54 J1	67 J1
Anthracene	ug/kg	1000	140 J1	--	--	--	--	--
Carbazole	ug/kg	240 J1			--	--		
Di-n-Butylphthalate	ug/kg	--			--	--		
Fluoranthene	ug/kg	5400	960	55 J1	100 J1	--	77 J1	--
Pyrene	ug/kg	4000	890	43 J1	78 J1	--	50 J1	--
Butylbenzylphthalate	ug/kg	87 J1			--	--		
Benzo(a)Anthracene	ug/kg	2700	470	--	47 J1	--	--	--
Chrysene	ug/kg	2400	360 J1	--	45 J1	51 J1	--	--
bis(2-ethylhexyl)Phthalate	ug/kg	240 J1			140 J1	140 J1		
Benzo(b)fluoranthene	ug/kg	2900	660	--	62 J1	60 J1	--	--
Benzo(k)fluoranthene	ug/kg	1100	170 J1	--	--	--	--	--
Benzo(a)pyrene	ug/kg	2500	420	--	55 J1	--	--	--
Indeno(1,2,3-cd)pyrene	ug/kg	890	250 J1	--	--	--	--	--
Dibenz(a,h)anthracene	ug/kg	380 J1	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/kg	960	260 J1	--	--	--	--	--

TABLE ...
SUMMARY OF DETECTIONS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB05	SCF-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E140163002	A7E140163003	A7E140163004	A7E120138015	A7E120138016
EPA SAMPLE ID:		E123812	E123813	E146302	E146303	E146304	E123815	E123816
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS06	AS06	AS06	AS05	AS05
Semivolatile Organic Compounds								
Phenol	ug/kg	--		--	--	--	--	
2-Methylphenol	ug/kg	--		--	--	--	--	
4-Methylphenol	ug/kg	--		--	--	--	--	
2,4-Dimethylphenol	ug/kg	--		--	--	--	--	
Naphthalene	ug/kg	--	--	--	--	38000 J1	--	--
2-Methylnaphthalene	ug/kg	--	--	--	--	20000 J1	--	--
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	--	--	--	--	77000 J1	--	--
Dibenzofuran	ug/kg	--		--	--	37000 J1	--	
Fluorene	ug/kg	--	--	--	--	70000 J1	--	--
Phenanthrene	ug/kg	--	82 J1	310 J1	89 J1	440000	80 J1	--
Anthracene	ug/kg	--	--	--	--	110000	--	--
Carbazole	ug/kg	--		--	--	69000 J1	--	
Di-n-Butylphthalate	ug/kg	--		--	--	--	--	
Fluoranthene	ug/kg	62 J1	180 J1	430	140 J1	440000	110 J1	78 J1
Pyrene	ug/kg	52 J1	160 J1	400	120 J1	350000	78 J1	76 J1
Butylbenzylphthalate	ug/kg	--		--	--	--	--	
Benzo(a)Anthracene	ug/kg	--	78 J1	260 J1	83 J1	240000	43 J1	--
Chrysene	ug/kg	--	77 J1	250 J1	79 J1	240000	52 J1	42 J1
bis(2-ethylhexyl)Phthalate	ug/kg	--		--	61 J1	--	--	
Benzo(b)fluoranthene	ug/kg	49 J1	110 J1	290 J1	95 J1	240000	70 J1	52 J1
Benzo(k)fluoranthene	ug/kg	--	45 J1	90 J1	47 J1	110000	--	--
Benzo(a)pyrene	ug/kg	--	78 J1	260 J1	110 J1	230000	--	--
Indeno(1,2,3-cd)pyrene	ug/kg	--	45 J1	140 J1	62 J1	96000 J1	--	--
Dibenz(a,h)anthracene	ug/kg	--	--	--	--	34000 J1	--	--
Benzo(g,h,i)perylene	ug/kg	--	43 J1	140 J1	70 J1	100000	--	--

TABLE 5.2
SUMMARY OF DETECTIONS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16	SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14
LOCATION:		SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06	SCF-SB07	SCF-SB07	SCF-SB07
DEPTH RANGE:		14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/08/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138017	A7F040135006	A7F040135004	A7F040135005	A7E150154015	A7E150154016	A7E150154017
EPA SAMPLE ID:		E123817	F043506	F043504	F043505	E155415	E155416	E155417
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS09	AS09	AS09	AS07	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg		--					
2-Methylphenol	ug/kg		--					
4-Methylphenol	ug/kg		--					
2,4-Dimethylphenol	ug/kg		--					
Naphthalene	ug/kg	1700 J1	430 J1	1600 J1	--	43 J1	75 J1	700
2-Methylnaphthalene	ug/kg	910 J1	--	--	--	--	--	300 J1
Acenaphthylene	ug/kg	--	500 J1	--	--	--	--	--
Acenaphthene	ug/kg	1300 J1	1000 J1	7000 J1	--	--	46 J1	430 J1
Dibenzofuran	ug/kg		460 J1					
Fluorene	ug/kg	1500 J1	860 J1	8000 J1	--	--	66 J1	570 J1
Phenanthrene	ug/kg	13000 D	7700	33000	56 J1	250 J1	380	3600
Anthracene	ug/kg	3300	2700 J1	13000	--	48 J1	50 J1	1000
Carbazole	ug/kg		1500 J1					
Di-n-Butylphthalate	ug/kg		--					
Fluoranthene	ug/kg	13000	19000	78000	50 J1	500	440	2800
Pyrene	ug/kg	11000	20000	70000	46 J1	510	430	2400
Butylbenzylphthalate	ug/kg		--					
Benzo(a)Anthracene	ug/kg	4500	7900	33000	--	330 J1	210 J1	1200
Chrysene	ug/kg	3800	8200	39000	--	330 J1	220 J1	1200
bis(2-ethylhexyl)Phthalate	ug/kg		680 J10					
Benzo(b)fluoranthene	ug/kg	4600	16000	59000	--	420	280 J1	1200
Benzo(k)fluoranthene	ug/kg	970 J1	5000	18000	--	120 J1	110 J1	380 J1
Benzo(a)pyrene	ug/kg	3400	11000	40000	--	300 J1	190 J1	940
Indeno(1,2,3-cd)pyrene	ug/kg	1500 J1	6900	18000	--	170 J1	100 J1	430 J1
Dibenz(a,h)anthracene	ug/kg	430 J1	1400 J1	6100 J1	--	--	--	120 J1
Benzo(g,h,i)perylene	ug/kg	1500 J1	6000	18000	--	150 J1	96 J1	390 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS08
Semivolatile Organic Compounds					
Phenol	ug/kg				
2-Methylphenol	ug/kg				
4-Methylphenol	ug/kg				
2,4-Dimethylphenol	ug/kg				
Naphthalene	ug/kg	42 J1	720 J1	330 J1	--
2-Methylnaphthalene	ug/kg	--	--	--	--
Acenaphthylene	ug/kg	--	--	--	--
Acenaphthene	ug/kg	--	2200 J1	1000 J1	--
Dibenzofuran	ug/kg				
Fluorene	ug/kg	--	1500 J1	700 J1	--
Phenanthrene	ug/kg	280 J1	12000	6000	85 J1
Anthracene	ug/kg	77 J1	3600 J1	1700 J1	--
Carbazole	ug/kg				
Di-n-Butylphthalate	ug/kg				
Fluoranthene	ug/kg	480	21000	11000	--
Pyrene	ug/kg	650	19000	10000	--
Butylbenzylphthalate	ug/kg				
Benzo(a)Anthracene	ug/kg	240 J1	10000	6300	--
Chrysene	ug/kg	270 J1	11000	6500	--
bis(2-ethylhexyl)Phthalate	ug/kg				
Benzo(b)fluoranthene	ug/kg	310 J1	18000	9100	--
Benzo(k)fluoranthene	ug/kg	130 J1	6400	3700	--
Benzo(a)pyrene	ug/kg	260 J1	14000	7000	--
Indeno(1,2,3-cd)pyrene	ug/kg	200 J1	8600	4400	--
Dibenz(a,h)anthracene	ug/kg	--	2000 J1	830 J1	--
Benzo(g,h,i)perylene	ug/kg	190 J1	9000	4800	--

TABLE 4
SUMMARY OF DETECTIONS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB01-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
		LOCATION:	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
		DEPTH RANGE:	0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
		SAMPLE DATE:	05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
		MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
		EPA SAMPLE ID:	E123818	E123819	E123820	E146301	F043508	F043507	F043509
		SAMPLE TYPE:	N1	N1	N1	FR1	N1	N1	N1
		SDG NO:	AS05	AS05	AS05	AS06	AS09	AS09	AS09
Semivolatile Organic Compounds									
Phenol	ug/kg		--				--		
2-Methylphenol	ug/kg		--				--		
4-Methylphenol	ug/kg		--				--		
2,4-Dimethylphenol	ug/kg		-				--		
Naphthalene	ug/kg		--	42 J1	58 J1	71 J1	150000	1900000	10000
2-Methylnaphthalene	ug/kg		--		--		87000	890000	5600
Acenaphthylene	ug/kg		--		--		--	--	2200
Acenaphthene	ug/kg		--		--	57 J1	100000	840000	1900
Dibenzofuran	ug/kg		-				82000		
Fluorene	ug/kg		--		80 J1	82 J1	110000	900000	3000
Phenanthrene	ug/kg		95 J1	120 J1	460 J1	520	350000	2200000	6400
Anthracene	ug/kg		--		140 J1	160 J1	190000	340000	1400
Carbazole	ug/kg		--				54000 J1		
Di-n-Butylphthalate	ug/kg		--				--		
Fluoranthene	ug/kg		200 J1	150 J1	760	1200	260000	1100000	1200 J1
Pyrene	ug/kg		160 J1	120 J1	790	940	180000	800000	1700
Butylbenzylphthalate	ug/kg		--				--		
Benzo(a)Anthracene	ug/kg		80 J1	54 J1	390 J1	590	96000	250000	600 J1
Chrysene	ug/kg		110 J1	67 J1	430 J1	630	98000	250000	620 J1
bis(2-ethylhexyl)Phthalate	ug/kg		110 J1				--		
Benzo(b)fluoranthene	ug/kg		150 J1	79 J1	500	890	130000	210000	390 J1
Benzo(k)fluoranthene	ug/kg		--	--	160 J1	270 J1	59000 J1	85000 J1	--
Benzo(a)pyrene	ug/kg		88 J1	60 J1	370 J1	610	100000	160000	410 J1
Indeno(1,2,3-cd)pyrene	ug/kg		--	--	160 J1	260 J1	43000 J1	54000 J1	--
Dibenz(a,h)anthracene	ug/kg		--	--	83 J1	89 J1	12000 J1	--	--
Benzo(g,h,i)perylene	ug/kg		65 J1	--	--	290 J1	41000 J1	55000 J1	--

TABLE 5.2
SUMMARY OF DETECTIONS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Semivolatile Organic Compounds								
Phenol	ug/kg	--	--	--	--	--		
2-Methylphenol	ug/kg	--	--	--	--	--		
4-Methylphenol	ug/kg	--	--	--	--	--		
2,4-Dimethylphenol	ug/kg	--	--	--	--	--		
Naphthalene	ug/kg	4300 J1	3500 J1	1600 J1	--	430 J1	40000	660000
2-Methylnaphthalene	ug/kg	3200 J1	3100 J1	1900 J1	--	--	14000 J1	230000 J1
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	6500 J1	9600 J1	5200 J1	6000 J9	550 J1	37000	930000
Dibenzofuran	ug/kg	3200 J1	4100 J1	5100 J1	740 J1	300 J1		
Fluorene	ug/kg	5000 J1	7700 J1	9200 J1	3300 J1	580 J1	32000	1000000
Phenanthrene	ug/kg	29000	41000	48000	920 J1	4100	150000	7800000
Anthracene	ug/kg	12000	19000	16000	1800 J1	1200 J1	45000	2300000
Carbazole	ug/kg	3200 J1	5300 J1	3600 J1	460 J1	630 J1		
Di-n-Butylphthalate	ug/kg	--	--	--	--	--		
Fluoranthene	ug/kg	37000	56000	57000	18000	8500	240000	6500000
Pyrene	ug/kg	28000	55000	45000	14000	8900	240000	5200000
Butylbenzylphthalate	ug/kg	--	--	--	--	--		
Benzo(a)Anthracene	ug/kg	25000	32000	22000	4300	4200	140000	2700000
Chrysene	ug/kg	24000	34000	21000	4200	4600	130000	2700000
bis(2-ethylhexyl)Phthalate	ug/kg	--	--	--	--	1000 J1		
Benzo(b)fluoranthene	ug/kg	41000	65000	26000	4300	7900	270000	2600000
Benzo(k)fluoranthene	ug/kg	15000	22000	8600 J1	1800 J1	2400	94000	1400000
Benzo(a)pyrene	ug/kg	36000	57000	18000	3100 J1	5500	220000	2400000
Indeno(1,2,3-cd)pyrene	ug/kg	17000	28000	6600 J1	1100 J1	3200	110000	900000
Dibenz(a,h)anthracene	ug/kg	5200 J1	9100 J1	--	--	1000 J1	35000	200000 J1
Benzo(g,h,i)perylene	ug/kg	18000	30000	6500 J1	1200 J1	3600	97000	960000

TABLE 5.2
SUMMARY OF DETECTIONS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB04-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg							
2-Methylphenol	ug/kg							
4-Methylphenol	ug/kg							
2,4-Dimethylphenol	ug/kg							
Naphthalene	ug/kg	660000	4300 J	4200 J	87 J	3800	760	1000000
2-Methylnaphthalene	ug/kg	240000	1800 J	2000 J	53 J	1000 J	240 J	250000
Acenaphthylene	ug/kg							81000 J
Acenaphthene	ug/kg	940000	6400 J	4300 J	140 J	890 J	280 J	160000 J
Dibenzofuran	ug/kg		2300 J					
Fluorene	ug/kg	980000	4900 J	3200 J	320 J	830 J	270 J	210000 J
Phenanthrene	ug/kg	8100000	54000	53000	2000	5600	1600	1200000
Anthracene	ug/kg	2400000	14000	12000 J	870	1300 J	380 J	280000
Carbazole	ug/kg		9000 J					
Di-n-Butylphthalate	ug/kg							
Fluoranthene	ug/kg	6700000	91000	89000	2500	10000	2900	1700000
Pyrene	ug/kg	5100000	79000	69000	2000	13000	3600	1800000
Butylbenzylphthalate	ug/kg							
Benzo(a)Anthracene	ug/kg	2800000	46000	47000	1300	6000	1600	1100000
Chrysene	ug/kg	3900000	51000	51000	1300	8100	2100	1500000
bis(2-ethylhexyl)Phthalate	ug/kg							
Benzo(b)fluoranthene	ug/kg	2400000	69000	71000	1900	9400	2500	1400000
Benzo(k)fluoranthene	ug/kg	1300000	22000	26000	580	2700	840	480000
Benzo(a)pyrene	ug/kg	2300000	53000	57000	1300	6600	1800	1100000
Indeno(1,2,3-cd)pyrene	ug/kg	890000	22000	27000	570	3800	1100	620000
Dibenz(a,h)anthracene	ug/kg	180000 J	7700 J	9300 J	170 J	760 J	290 J	210000 J
Benzo(g,h,i)perylene	ug/kg	920000	22000	31000	490	3600	1000	600000

TABLE 5.2
SUMMARY OF DETECTIONS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14	SCG-SB09-SS01-1/2
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08	SCG-SB09
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet	1 to 2 feet
SAMPLE DATE:		06/04/97	06/03/97	06/04/97	06/16/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F050163003	A7F170129001	A7F170129002	A7F170129003	A7F170129004
EPA SAMPLE ID:		F056301	F056302	F056303	F172901	F172902	F172903	F172904
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS10	AS11	AS11	AS11	AS11
Semivolatile Organic Compounds								
Phenol	ug/kg	--	--	--	--			--
2-Methylphenol	ug/kg	--	--	--	--			--
4-Methylphenol	ug/kg	--	--	--	--			--
2,4-Dimethylphenol	ug/kg	--	--	--	--			--
Naphthalene	ug/kg	3300 J1	79000 J1	--	500000	--	--	54000 J1
2-Methylnaphthalene	ug/kg	1400 J1	31000 J1	14000	120000	--	--	17000 J1
Acenaphthylene	ug/kg	--	--	--	--	--	--	--
Acenaphthene	ug/kg	4100 J1	89000 J1	12000	140000	--	--	47000 J1
Dibenzofuran	ug/kg	1800 J1	38000 J1	7200 J1	150000			44000 J1
Fluorene	ug/kg	3000 J1	69000 J1	12000	220000	--	--	71000 J1
Phenanthrene	ug/kg	27000	470000	37000	1000000	42 J1	71 J1	380000
Anthracene	ug/kg	6100 J1	130000	8000 J1	470000	--	--	94000
Carbazole	ug/kg	3600 J1	70000 J1	4600 J1	220000			74000 J1
Di-n-Butylphthalate	ug/kg	--	--	--	--			--
Fluoranthene	ug/kg	41000	640000	22000	1100000	--	58 J1	370000
Pyrene	ug/kg	33000	530000	16000	760000	43 J1	47 J1	260000
Butylbenzylphthalate	ug/kg	--	--	--	--			--
Benzo(a)Anthracene	ug/kg	23000	360000	7300 J1	420000	--	--	160000
Chrysene	ug/kg	24000	390000	7600 J1	410000	--	50 J1	190000
bis(2-ethylhexyl)Phthalate	ug/kg	--	--	--	--			--
Benzo(b)fluoranthene	ug/kg	31000	420000	9000	400000	--	46 J1	230000
Benzo(k)fluoranthene	ug/kg	10000	180000	4000 J1	160000	--	--	67000 J1
Benzo(a)pyrene	ug/kg	24000	390000	6900 J1	350000	--	--	160000
Indeno(1,2,3-cd)pyrene	ug/kg	12000	180000	2700 J1	130000	--	--	68000 J1
Dibenz(a,h)anthracene	ug/kg	4100 J1	49000 J1	--	37000 J1	--	--	22000 J1
Benzo(g,h,i)perylene	ug/kg	12000	180000	2700 J1	130000	--	--	59000 J1

TABLE 5.2
SUMMARY OF DETECTIONS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
		LOCATION:	SCG-SB09	SCG-SB09
		DEPTH RANGE:	6 to 8 feet	8 to 10 feet
		SAMPLE DATE:	06/16/97	06/16/97
		MATRIX:	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F170129005	A7F170129006
		EPA SAMPLE ID:	F172905	F172906
		SAMPLE TYPE:	N1	N1
		SDG NO:	AS11	AS11
Semivolatile Organic Compounds				
Phenol	ug/kg			
2-Methylphenol	ug/kg			
4-Methylphenol	ug/kg			
2,4-Dimethylphenol	ug/kg			
Naphthalene	ug/kg		..	..
2-Methylnaphthalene	ug/kg		..	..
Acenaphthylene	ug/kg		..	..
Acenaphthene	ug/kg		..	..
Dibenzofuran	ug/kg			
Fluorene	ug/kg		..	..
Phenanthrene	ug/kg		190 J1	..
Anthracene	ug/kg		68 J1	..
Carbazole	ug/kg			
Di-n-Butylphthalate	ug/kg			
Fluoranthene	ug/kg		240 J1	73 J1
Pyrene	ug/kg		190 J1	63 J1
Butylbenzylphthalate	ug/kg			
Benzo(a)Anthracene	ug/kg		110 J1	..
Chrysene	ug/kg		130 J1	56 J1
bis(2-ethylhexyl)Phthalate	ug/kg			
Benzo(b)fluoranthene	ug/kg		170 J1	71 J1
Benzo(k)fluoranthene	ug/kg		56 J1	..
Benzo(a)pyrene	ug/kg		120 J1	60 J1
Indeno(1,2,3-cd)pyrene	ug/kg		65 J1	..
Dibenz(a,h)anthracene	ug/kg		..	..
Benzo(g,h,i)perylene	ug/kg		56 J1	..

TABLE 5.2
SUMMARY OF DETECTIONS - BACKGROUND SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8
LOCATION:		Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet
SAMPLE DATE:		06/04/97	06/04/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005
EPA SAMPLE ID:		F056304	F056305
SAMPLE TYPE:		N1	N1
SDG NO:		AS10	AS10
Semivolatile Organic Compounds			
Phenol	ug/kg	--	--
2-Methylphenol	ug/kg	--	--
4-Methylphenol	ug/kg	--	--
2,4-Dimethylphenol	ug/kg	--	--
Naphthalene	ug/kg	--	--
2-Methylnaphthalene	ug/kg	--	--
Acenaphthylene	ug/kg	--	--
Acenaphthene	ug/kg	59 J1	--
Dibenzofuran	ug/kg	54 J1	--
Fluorene	ug/kg	84 J1	--
Phenanthrene	ug/kg	560	56 J1
Anthracene	ug/kg	97 J1	--
Carbazole	ug/kg	43 J1	--
Di-n-Butylphthalate	ug/kg	46 J1	--
Fluoranthene	ug/kg	750	58 J1
Pyrene	ug/kg	630	44 J1
Butylbenzylphthalate	ug/kg	--	--
Benzo(a)Anthracene	ug/kg	380 J1	--
Chrysene	ug/kg	400 J1	--
bis(2-ethylhexyl)Phthalate	ug/kg	180 J1	--
Benzo(b)fluoranthene	ug/kg	550	54 J1
Benzo(k)fluoranthene	ug/kg	180 J1	--
Benzo(a)pyrene	ug/kg	370 J1	45 J1
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	--
Dibenz(a,h)anthracene	ug/kg	58 J1	--
Benzo(g,h,i)perylene	ug/kg	180 J1	--

TABL. .2
SUMMARY OF DETECTIONS - SEDIMENT
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		C1-SD01MMSD	CU-SD02	CD-SD03
LOCATION:		Inlet Location	Upstream Location	Downstream Location
DEPTH RANGE:				
SAMPLE DATE:		05/31/97	05/31/97	05/31/97
MATRIX:		Sediment	Sediment	Sediment
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135002	A7F040135003	A7F040135001
EPA SAMPLE ID:		F043502	F043503	F043501
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS09	AS09	AS09
Semivolatile Organic Compounds				
Phenol	ug/kg	--		
2-Methylphenol	ug/kg	--		
4-Methylphenol	ug/kg	--		
2,4-Dimethylphenol	ug/kg	--		
Naphthalene	ug/kg	6200	100 J1	--
2-Methylnaphthalene	ug/kg	5900	140 J1	280 J1
Acenaphthylene	ug/kg	--	140 J1	--
Acenaphthene	ug/kg	4300 J1	400	2800
Dibenzofuran	ug/kg	2700 J1		
Fluorene	ug/kg	4400 J1	380 J1	2700
Phenanthrene	ug/kg	29000	1500	12000
Anthracene	ug/kg	4200 J1	600	1900
Carbazole	ug/kg	1500 J1		
Di-n-Butylphthalate	ug/kg	--		
Fluoranthene	ug/kg	31000	2800	8500
Pyrene	ug/kg	18000 J9	2600	5200
Butylbenzylphthalate	ug/kg	--		
Benzo(a)Anthracene	ug/kg	8900	1400	2300
Chrysene	ug/kg	8900	1300	2400
bis(2-ethylhexyl)Phthalate	ug/kg	33000		
Benzo(b)fluoranthene	ug/kg	11000	1700	2000
Benzo(k)fluoranthene	ug/kg	3100 J1	610	560 J1
Benzo(a)pyrene	ug/kg	7000	1200	1500 J1
Indeno(1,2,3-cd)pyrene	ug/kg	3700 J1	500	680 J1
Dibenz(a,h)anthracene	ug/kg	1000 J1	140 J1	150 J1
Benzo(g,h,i)perylene	ug/kg	3600 J1	420	610 J1

TAL - 5.2
SUMMARY OF DETECTIONS - GROUNDWATER
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCG-TW03-GW01	GWRB1-6/6/97	
LOCATION:		SCA-SB01	SCG-SB03		
DEPTH RANGE:					
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	
MATRIX:		Groundwater	Groundwater		
SAMPLE TYPE:		Field Sample	Field Sample	Rinseate Blank	
LAB SAMPLE ID:		A7F110101001	A7F110101005	A7F110101002	
EPA ID:		F110101	F110105	F110102	
SAMPLE TYPE:		N1	N1	EB1	
SDG NO:		AS10	AS10	AS10	
Semivolatile Organic Compounds					
Phenol	ug/L	1600	--	1	J1
2-Methylphenol	ug/L	4700	--	--	
4-Methylphenol	ug/L	9800	--	--	
2,4-Dimethylphenol	ug/L	9900	7 J10	--	
Naphthalene	ug/L	8600	240 J4	--	
2-Methylnaphthalene	ug/L	810 J1	110 J4	--	
Acenaphthylene	ug/L	--	4 J10	--	
Acenaphthene	ug/L	240 J1	120 J4	--	
Dibenzofuran	ug/L	170 J1	63 J4	--	
Fluorene	ug/L	--	75 J4	--	
Phenanthrene	ug/L	300 J1	160 J4	--	
Anthracene	ug/L	--	34 J4	--	
Carbazole	ug/L	310 J1	130 J4	--	
Di-n-Butylphthalate	ug/L	--	--	--	
Fluoranthene	ug/L	--	76 J4	--	
Pyrene	ug/L	--	38 J4	--	
Butylbenzylphthalate	ug/L	--	--	--	
Benzo(a)Anthracene	ug/L	--	20 J10	--	
Chrysene	ug/L	--	20 J10	--	
bis(2-ethylhexyl)Phthalate	ug/L	--	--	--	
Benzo(b)fluoranthene	ug/L	--	22 J10	--	
Benzo(k)fluoranthene	ug/L	--	9 J10	--	
Benzo(a)pyrene	ug/L	--	18 J10	--	
Indeno(1,2,3-cd)pyrene	ug/L	--	8 J10	--	
Dibenz(a,h)anthracene	ug/L	--	--	--	
Benzo(g,h,i)perylene	ug/L	--	7 J10	--	

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TABLE 5.3
SUMMARY OF DETECTIONS - AREA A SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB02-SS01-0/6	SCA-SB03-SS01-0/6	SCA-SB04-SS01-0/6	SCA-SB05-SS01-0/6	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6
LOCATION:		SCA-SB01	SCA-SB02	SCA-SB03	SCA-SB04	SCA-SB05	SCA-SB06	SCA-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate
LAB SAMPLE ID:		A7E070177001	A7E030115005	A7E070177005	A7E070177008	A7E070180002	A7E070180005	A7E070180006
EPA SAMPLE ID:		E077701	E031505	E077705	E077708	E078002	E078005	E078006
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	FR1
SDG NO:		AS02	AS02	AS02	AS02	AS03	AS03	AS03
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	0.067 J10	--
Dieldrin	ug/kg	0.98 J10	3.4 J10	--	0.5 J10	0.26 J10	3.6 J10	2.6 J10
4,4-DDE	ug/kg	0.73 J10	2.8 J10	--	0.58 J10	0.79 J10	1.1 J10	0.88 J10
Endrin	ug/kg	--	--	--	--	--	--	--
Endosulfan II	ug/kg	1.4 J10	3.2 J10	--	0.22 J10	--	1.7 J10	1.2 J10
4,4-DDD	ug/kg	--	--	1.3 J10	--	0.17 J10	--	--
4,4-DDT	ug/kg	--	3 J10	--	--	--	1 J10	0.98 J10
Methoxychlor	ug/kg	19 J10	32 J10	23 J10	10 J10	5 J10	9.7 J10	9.4 J10
alpha-Chlordane	ug/kg	--	3.5 J10	--	0.26 J10	--	1.7 J10	1.2 J10
gamma-Chlordane	ug/kg	--	--	--	--	--	0.29 J10	0.2 J10
Aroclor-1254	ug/kg	--	93 J10	--	--	--	63 J12	48 J12

TABLE 5.3
SUMMARY OF DETECTIONS - AREA A SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-0/6	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB09-SS01-0/6	SCA-SB10-SS01-0/6	SCA-SB11-SS01-0/6
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB09	SCA-SB10	SCA-SB11
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	06/16/97	06/16/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180009	A7F180147003	A7F180147004	A7E070180012	A7E090172001	A7E090172005	A7E090176002
EPA SAMPLE ID:		E078009	F184703	F184704	E078012	E097201	E097205	E097602
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS11	AS03	AS03	AS03	AS04
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	--		--		--	--	--
Heptachlor	ug/kg	--		--		--	--	--
Endosulfan I	ug/kg	--	1.8 J10	--		6 J10	11	--
Dieldrin	ug/kg	0.89 J10	5.4 J10	--	1.6 J10	12 J10	9.8 J10	0.39 J10
4,4-DDE	ug/kg	0.82 J10	3.4 J10	--	0.78 J10	6.7 J10	5.1 J1	0.63 J1
Endrin	ug/kg	--	--	--	--	--	--	--
Endosulfan II	ug/kg	0.88 J10		--	0.49 J10	--	--	--
4,4-DDD	ug/kg	--	--	--	--	53 J12	62 J12	0.19 J10
4,4-DDT	ug/kg	1.4 J10	--	--	--	0.7 J10	--	3.9 J1
Methoxychlor	ug/kg	7 J10	11 J10	27 J10	11 J10	10 J10	12 J10	3.5 J10
alpha-Chlordane	ug/kg	0.7 J10	6.8 J1	--	0.93 J10	14	8.4 J10	--
gamma-Chlordane	ug/kg	0.57 J10	3.8 J10	--	0.98 J10	8.2 J10	2.6 J10	--
Aroclor-1254	ug/kg	25 J10	200	--	32 J10	--	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA A SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB12-SS01-0/6	SCA-SB13-SS01-0/6	SCA-SB14-SS01-0/6	SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB12	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet
SAMPLE DATE:		05/07/97	05/07/97	05/08/97	05/08/97	05/08/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176005	A7E090176008	A7E090176015	A7E090176018	A7E090176017	A7E150154011
EPA SAMPLE ID:		E097605	E097608	E097615	E097618	E097617	E155411
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS07
Pesticide/PCB Compounds							
alpha-BHC	ug/kg	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--
Dieldrin	ug/kg	0.44 J10	--	--	--	1.3 J10	--
4,4-DDE'	ug/kg	0.33 J10	0.68 J10	--	--	11 J12	--
Endrin	ug/kg	--	--	--	--	--	--
Endosulfan II	ug/kg	--	--	--	--	--	2.2 J10
4,4-DDD'	ug/kg	0.21 J10	1.8 J1	--	--	50	4.5 J10
4,4-DDT'	ug/kg	--	0.55 J10	3.2 J10	--	15 J12	--
Methoxychlor	ug/kg	3.6 J10	--	2.1 J1	1.7 J1	--	--
alpha-Chlordane	ug/kg	--	0.22 J10	--	--	1.4 J10	1.8 J10
gamma-Chlordane	ug/kg	--	0.42 J10	--	--	2.5 J10	--
Aroclor-1254	ug/kg	--	--	--	--	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA B SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB03-SS01-0/6	SCB-SB04-SS01-0/6	SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB06-SS01-0/6
LOCATION:		SCB-SB02	SCB-SB02	SCB-SB03	SCB-SB04	SCB-SB05	SCB-SB05	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E030112005	A7E030105002	A7E030105007	A7E030112002	A7E030105003	A7E030105004	A7E030115001
EPA SAMPLE ID:		E031205	E030502	E030507	E031202	E030503	E030504	E031501
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS02	AS01	AS01	AS02	AS01	AS01	AS02
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	--		--	--	--	--	--
Heptachlor	ug/kg	--		--	--	--	--	--
Endosulfan I	ug/kg	48 J10		--	1.2 J10	--	--	--
Dieldrin	ug/kg	140 J10	36 J10	9 J10	18 J10	0.71 J10	0.11 J10	--
4,4-DDE	ug/kg	--		28 J10	6.6 J4	0.5 J10	0.53 J10	--
Endrin	ug/kg	--		--	--	--	--	--
Endosulfan II	ug/kg	--	30 J10	10 J10	9.5 J10	1.5 J10	0.65 J10	--
4,4-DDD	ug/kg	--	--	--	--	--	--	2.1 J10
4,4-DDT	ug/kg	--		15 J10	4.2 J10	1 J10	0.89 J10	--
Methoxychlor	ug/kg	140 J10		75 J12	57 J10	7.4 J10	5.4 J10	1.5 J10
alpha-Chlordane	ug/kg	77 J10	28 J10	8.8 J10	12 J4	0.54 J10	0.37 J10	--
gamma-Chlordane	ug/kg	--		--	--	--	--	--
Aroclor-1254	ug/kg	4400 J1	600 J10	240 J10	420 J10	18 J10	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA C SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB02-SS01-0/6	SCC-SB03-SS01-0/6	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10
LOCATION:		SCC-SB01	SCC-SB02	SCC-SB03	SCC-SB03	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140004	A7E010140007	A7E010140008	A7E010140009
EPA SAMPLE ID:		E014001	E014004	E014007	E014008	E014009
SAMPLE TYPE:		N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01
Pesticide/PCB Compounds						
alpha-BHC	ug/kg	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--
Endosulfan I	ug/kg	2.4 J10	--	--	1.2 J10	--
Dieldrin	ug/kg	1.2 J10	5.4 J10	5.8 J10	3 J10	--
4,4-DDE'	ug/kg	18 J10	10 J10	9.1 J10	1.4 J1	--
Endrin	ug/kg	--	--	--	--	0.52 J10
Endosulfan II	ug/kg	0.94 J10	4.9 J10	6.4 J10	--	0.57 J10
4,4-DDD'	ug/kg	--	--	--	--	--
4,4-DDT'	ug/kg	19 J10	--	8.2 J10	0.87 J10	3.2 J10
Methoxychlor	ug/kg	22 J10	61 J10	65 J10	7.6 J10	21 J10
alpha-Chlordane	ug/kg	1.9 J10	6.4 J1	6.9 J10	2.2	--
gamma-Chlordane	ug/kg	--	--	--	--	--
Aroclor-1254	ug/kg	54 J10	280 J1	--	73	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA D SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB02-SS01-0/6	SCD-SB03-SS01-0/6
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7E120138002	A7E140163015
EPA SAMPLE ID:		E097619	E097620	E123802	E146315
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS04	AS04	AS05	AS06
Pesticide/PCB Compounds					
alpha-BHC	ug/kg	..	..	0.32 J10	..
Heptachlor	ug/kg	..	..	..	..
Endosulfan I	ug/kg	..	..	..	..
Dieldrin	ug/kg	0.76 J10	0.35 J10	..	1.1 J10
4,4-DDE	ug/kg	1.3 J10	11	7.5 J4	1.5 J10
Endrin	ug/kg	..	..	..	..
Endosulfan II	ug/kg	..	..	..	..
4,4-DDD	ug/kg	3.2 J10	9.6 J12	0.4 J10	..
4,4-DDT	ug/kg	2.8 J10	7.4 J12	4.9 J4	2.9 J10
Methoxychlor	ug/kg	6.6 J10	4.5 J10	..	9.8 J10
alpha-Chlordane	ug/kg	0.69 J10	0.7 J10	..	1 J10
gamma-Chlordane	ug/kg	0.2 J10	0.37 J10	..	0.33 J10
Aroclor-1254	ug/kg	..	..	..	..

TABLE 5.3
SUMMARY OF DETECTIONS - AREA E SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCE-SB01-SS01-0/6	SCE-SB03-SS01-0/6	SCE-SB04-SS01-0/6
		LOCATION:	SCE-SB01	SCE-SB03	SCE-SB04
		DEPTH RANGE:	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet
		SAMPLE DATE:	05/08/97	05/12/97	05/12/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E090176012	A7E140163008	A7E140163012
		EPA SAMPLE ID:	E097612	E146308	E146312
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS04	AS06	AS06
Pesticide/PCB Compounds					
alpha-BHC	ug/kg		--	--	--
Heptachlor	ug/kg		--	--	--
Endosulfan I	ug/kg		0.83 J10	1.1 J10	--
Dieldrin	ug/kg		0.77 J10	1.1 J10	2.7 J10
4,4-DDE'	ug/kg		16	1.2 J10	2.2 J10
Endrin	ug/kg		--	--	--
Endosulfan II	ug/kg		--	--	4 J10
4,4-DDD'	ug/kg		10 J12	14 J10	--
4,4-DDT'	ug/kg		14	0.48 J10	--
Methoxychlor	ug/kg		--	3.4 J10	16 J10
alpha-Chlordane	ug/kg		1.2 J1	1.6 J10	3.1 J1
gamma-Chlordane	ug/kg		0.85 J1	2.1 J4	--
Aroclor-1254	ug/kg		--	--	82 J1

TABLE 5.3
SUMMARY OF DETECTIONS - AREA F SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB03-SS01-0/6	SCF-SB04-SS01-0/6	SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6
LOCATION:		SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB05
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	0 to 0.5 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138008	A7E120138010	A7E120138012	A7E140163002	A7E140163004	A7E120138015
EPA SAMPLE ID:		E123805	E123808	E123810	E123812	E146302	E146304	E123815
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS06	AS06	AS05
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	--		--	--	--	--	--
Heptachlor	ug/kg	--		--	--	--	--	0.23 J10
Endosulfan I	ug/kg	--		--	--	--	--	--
Dieldrin	ug/kg	0.28 J10	0.91 J10	1.2 J10	0.39 J10	0.32 J10	--	--
4,4-DDE	ug/kg	--		--	--	1.6 J10	--	0.66 J10
Endrin	ug/kg	--	0.66 J10	0.86 J10	--	--	--	--
Endosulfan II	ug/kg	--		--	--	--	2.7 J10	--
4,4-DDD	ug/kg	--		--	--	1.4 J10	--	1.2 J10
4,4-DDT	ug/kg	--		--	--	1.3 J10	42 J12	--
Methoxychlor	ug/kg	--		--	--	4.6 J10	53 J10	--
alpha-Chlordane	ug/kg	--	0.27 J10	0.41 J1	0.27 J10	0.77 J1	2.6 J10	0.77 J10
gamma-Chlordane	ug/kg	--	0.22 J10	0.16 J10	0.55 J10	0.88 J10	--	1.3 J10
Aroclor-1254	ug/kg	--		--	--	--	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA F SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCF-SB06-SS01-0/6
	LOCATION:	SCF-SB06
	DEPTH RANGE:	0 to 0.5 feet
	SAMPLE DATE:	05/31/97
	MATRIX:	Soil
	SAMPLE TYPE:	Field Sample
	LAB SAMPLE ID:	A7F040135006
	EPA SAMPLE ID:	F043506
	SAMPLE TYPE:	N1
	SDG NO:	AS09
Pesticide/PCB Compounds		
alpha-BHC	ug/kg	--
Heptachlor	ug/kg	--
Endosulfan I	ug/kg	--
Dieldrin	ug/kg	15 J10
4,4-DDE'	ug/kg	--
Endrin	ug/kg	--
Endosulfan II	ug/kg	8.6 J10
4,4-DDD'	ug/kg	--
4,4-DDT'	ug/kg	32 J1
Methoxychlor	ug/kg	--
alpha-Chlordane	ug/kg	9.6 J10
gamma-Chlordane	ug/kg	--
Aroclor-1254	ug/kg	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA G SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB02-SS01-0/6	SCG-SB03-SS01-1/2	SCG-SB03-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB04-SS01-0/6	SCG-SB07-SS01-0/6
LOCATION:		SCG-SB01	SCG-SB02	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB07
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/31/97	06/04/97	06/04/97	06/04/97	05/31/97	06/04/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7F040135008	A7F050158003	A7F050158004	A7F050158001	A7F040135012	A7F050163001
EPA SAMPLE ID:		E123818	F043508	F055803	F055804	F055801	F043512	F056301
SAMPLE TYPE		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS09	AS09	AS09	AS09	AS09	AS10
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	--	--	--	--	--	--	--
Heptachlor	ug/kg	--	--	--	--	--	--	--
Endosulfan I	ug/kg	--	--	--	--	--	--	--
Dieldrin	ug/kg	0.46 J10	22 J10	--	2 J10	--	3.3 J10	--
4,4-DDE	ug/kg	0.47 J1	--	--	4.2 J10	--	9.5 J10	--
Endrin	ug/kg	--	--	--	--	--	--	--
Endosulfan II	ug/kg	--	4.3 J10	--	--	--	1.6 J10	--
4,4-DDD	ug/kg	--	--	44 J1	47	--	--	--
4,4-DDT	ug/kg	--	--	--	24 J10	--	79	120
Methoxychlor	ug/kg	--	--	52 J10	47 J10	100 J10	--	150 J10
alpha-Chlordane	ug/kg	0.53 J10	--	--	--	--	3.3 J10	5.9 J10
gamma-Chlordane	ug/kg	1.8 J10	--	--	--	--	--	--
Aroclor-1254	ug/kg	13 J10	--	--	--	--	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - AREA G SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB08-SS01-1/2	SCG-SB09-SS01-1/2
LOCATION:		SCG-SB08	SCG-SB09
DEPTH RANGE:		1 to 2 feet	1 to 2 feet
SAMPLE DATE:		06/16/97	06/16/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129001	A7F170129004
EPA SAMPLE ID:		F172901	F172904
SAMPLE TYPE:		N1	N1
SDG NO:		AS11	AS11
Pesticide/PCB Compounds			
alpha-BHC	ug/kg	--	--
Heptachlor	ug/kg	--	--
Endosulfan I	ug/kg	--	--
Dieldrin	ug/kg	--	--
4,4-DDE'	ug/kg	--	--
Endrin	ug/kg	--	--
Endosulfan II	ug/kg	--	--
4,4-DDD'	ug/kg	--	--
4,4-DDT'	ug/kg	57 J10	--
Methoxychlor	ug/kg	--	39 J10
alpha-Chlordane	ug/kg	--	--
gamma-Chlordane	ug/kg	--	--
Aroclor-1254	ug/kg	--	--

TABLE 5.3
SUMMARY OF DETECTIONS - BACKGROUND SOILS
PESTICIDES/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Pesticide/PCB Compounds				
alpha-BHC	ug/kg	--	--	--
Heptachlor	ug/kg	--	--	--
Endosulfan I	ug/kg	--	--	--
Dieldrin	ug/kg	--	-	--
4,4-DDE	ug/kg	720 D	6 6	0 35 J1
Endrin	ug/kg	--	--	--
Endosulfan II	ug/kg	--	--	--
4,4-DDD	ug/kg	1 5 J10	--	--
4,4-DDT	ug/kg	410 D	4 7	--
Methoxychlor	ug/kg	19 J1	--	--
alpha-Chlordane	ug/kg	1 4 J10	--	--
gamma-Chlordane	ug/kg	--	--	--
Aroclor-1254	ug/kg	--	--	--

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TABLE 4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/0	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/0	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	13.3 J5	10.2 J5	10.2 J5	10.3 J5	9.5 J5	9.5 J5	7.8 J5
Barium	mg/kg	82.4	68.7	87.7	80.3	50.6	50.7	69.5
Cadmium	mg/kg	0.61 J1	0.38 J1	1.8	1.2 J1	2	0.67 J1	0.35 J1
Chromium	mg/kg	22.9 J5	18.6 J5	11.2 J5	13.5 J5	35 J5	22.5 J5	19.7 J5
Lead	mg/kg	116 J8	89 J8	211 J8	166 J8	37.2 J8	31.1 J8	35.3 J8
Mercury	mg/kg	0.17	0.22	0.35	0.27	0.21	0.1 J1	0.09 J1
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	--	--	--	0.27 J1	--	--
Total Cyanide	mg/kg	--	0.09 J10	0.52 J10	0.91 J5	0.09 J10	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.5 J2	9.9 J2	9.7 J2	7.6 J2	7.3 J2	7.8 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg	8 J5	8.5 J5	12.5 J5	9.1 J5	8.4 J5	12.3	11.6
Barium	mg/kg	67.2	67	61	63.5	60.3	46.6 J1	74.5
Cadmium	mg/kg	0.33 J1	0.53 J1	--	0.34 J1	0.52 J1	--	0.3 J1
Chromium	mg/kg	18.3 J5	16.1 J5	17.9 J5	13.8 J5	16.7 J5	22.7	19.2
Lead	mg/kg	64.3 J8	85.4 J8	12.7 J8	51 J8	85 J8	14.4	66.4
Mercury	mg/kg	0.25	0.29	--	0.11 J1	0.17	0.06 J1	0.12
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	--	--	--	--	--	--
Total Cyanide	mg/kg	0.11 J10	--	--	--	--	9.5	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.8 J2	7.6 J2	7.4 J2	7.7 J2	8.5 J2	7.7 J2
BTU per pound	Btu/lb							

TABLE 6.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB06-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg	10.9	9.3	6.2	7.2	7.7	18.9	7.3
Barium	mg/kg	99.5	39.7 J1	52.7	64.6	90.2	334	61.3
Cadmium	mg/kg	0.24 J1		0.3 J1	0.33 J1	1.8	4.1	0.51 J1
Chromium	mg/kg	19.2	18.2	11.4	13.6	33.4	25.1	15.1
Lead	mg/kg	244	18.8	57.4	68.3	103	382	63.2
Mercury	mg/kg	0.09 J1	0.06 J1	0.22	0.22	0.21	0.47	0.16
Selenium	mg/kg	..		..	..	..	1 J1	..
Silver	mg/kg	..		..	..	0.3 J1	1 J1	..
Total Cyanide	mg/kg	..		..	..	0.09 J1	0.6	..
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.9 J2	7.7 J2	7.8 J2	7.8 J2	6.9 J2	8 J2
BTU per pound	Btu/lb							

TABLE 4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg		0.22		--	8	8.6	8.1
Barium	mg/kg		8.9 J8		13.2 J8	75.2	104	86.6
Cadmium	mg/kg		53.9		164	0.37 J1	10.6	--
Chromium	mg/kg		4.2		1.4	13.6	127	22.9
Lead	mg/kg		53.8 J8		27.7 J8	80.7	114	22
Mercury	mg/kg		46.2 J8		171 J8	0.3	0.94	0.08 J1
Selenium	mg/kg		1.2 J5		2.7 J5	--	--	1 J1
Silver	mg/kg		0.79 J1		--	--	2.9	--
Total Cyanide	mg/kg		--		--	--	0.61	0.57 J1
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg	14000		12000				
Sulfur (D2015/300.0)	ug/g	547		913				
pH (solid)		7.2 J2		7.5 J2		7.6 J2	7.5 J2	7.8 J2
BTU per pound	Btu/lb	--		1100				

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB09-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Total CLP Metals								
Arsenic	mg/kg	9.4	5.3	6.2	9.3	11.2	11.1	--
Barium	mg/kg	102	118	123	53.7	126	148	7.9
Cadmium	mg/kg	13	1.5	4	--	15.6	10	43.9 J1
Chromium	mg/kg	145	23.1	41.4	16	161	145	--
Lead	mg/kg	93.3	73.4	111	77.4	126	123	20
Mercury	mg/kg	0.91	0.28	0.82	0.15	1.1	1.1	19 J5
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	3.4	--	0.35 J1	--	4.6	3.1	--
Total Cyanide	mg/kg	0.84	0.42 J1	0.62	0.09 J1	0.39 J1	0.25 J1	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8.2 J2	8.3 J2	8.9 J2	7.6 J2	7.6 J2	8.5 J2	8 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Total CLP Metals								
Arsenic	mg/kg	0.26	0.14	0.1 J1	0.11 J1	0.11 J1	0.07 J1	--
Barium	mg/kg	11.1	10.3	9.7	13.3	9.3	8.3	8.6
Cadmium	mg/kg	118	95.8	84.9	86.6	64.4	51.2	31.3 J1
Chromium	mg/kg	0.56 J1	0.53 J1	2.6	0.28 J1	0.78 J1	0.88 J1	--
Lead	mg/kg	16.4	18.4	16.9	20.1	22.2	24	14.5
Mercury	mg/kg	149 J5	135 J5	294 J5	80.8 J5	53.7 J5	31.5 J5	14.9 J5
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	0.32 J1	--	--	--	--	--
Total Cyanide	mg/kg	0.09 J10	--	--	--	--	0.12 J10	0.1 J10
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.7 J2	7.8 J2	8.2 J2	8.1 J2	7.7 J2	7.6 J2	7.4 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Total CLP Metals								
Arsenic	mg/kg	..		0.14	..		..	
Barium	mg/kg	8.5	6.7	15.9	9		8 J8	
Cadmium	mg/kg	36.4 J1	27.3 J1	36.2 J1	31.2 J1		50.9	
Chromium	mg/kg	0.46 J1	0.34 J1	..	..		0.35 J1	
Lead	mg/kg	14.2	11	25.6	11.5		18.5 J8	
Mercury	mg/kg	14.2 J5	11.1 J5	20.3 J5	13.1 J5		15 J8	
Selenium	mg/kg	..		..	..		..	
Silver	mg/kg	..	..	..	..		..	
Total Cyanide	mg/kg	..		..	..		..	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg					9000		12000
Sulfur (D2015/300.0)	ug/g					542		752
pH (solid)		7.5 J2	7.5 J2	7.6 J2	7.9 J2	7.8 J2		7.7 J2
BTU per pound	Btu/lb					190		200

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Total CLP Metals								
Arsenic	mg/kg	--		--	0.11	0.09 J1	0.08 J1	
Barium	mg/kg	8.9 J8		12.1 J8	8.8 J5	0.15	12.7 J5	
Cadmium	mg/kg	37.5 J1		19.5 J1	63	62.2	63.8	
Chromium	mg/kg	0.35 J1		0.32 J1	0.37 J1	--	--	
Lead	mg/kg	17.3 J8		11.5 J8	15.3	15.5	18.8	
Mercury	mg/kg	16.1 J8		19.6 J8	89.2 J8	75.7 J8	42.4 J8	
Selenium	mg/kg	--		--	--	--	--	
Silver	mg/kg	--		--	--	--	--	
Total Cyanide	mg/kg	--		--	0.11 J1	0.18 J1	0.1 J1	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg		7800					18000
Sulfur (D2015/300.0)	ug/g		669					573
pH (solid)			7.6 J2		8.2 J2	8 J2	7.7 J2	8 J2
BTU per pound	Btu/lb		--					160

TABLE 5.4
SUMMARY OF DETECTIONS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
		LOCATION:	SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
		DEPTH RANGE:	12 to 14 feet	0 to 0 5 feet	1 to 2 feet	12 to 14 feet
		SAMPLE DATE:	06/16/97	05/14/97	05/14/97	05/14/97
		MATRIX:	Soil	Soil	Soil	Soil
		SAMPLE TYPE:	Field Re-Sample	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E180147012	A7E190102002	A7E190102003	A7E190102004
		EPA SAMPLE ID:	E184712	E190202	E190203	E190204
		SAMPLE TYPE:	N1	N1	N1	N1
		SDG NO:	AS11	AS08	AS08	AS08
Total CLP Metals						
Arsenic	mg/kg		..	..	0 15	0 18
Barium	mg/kg		5 8 J8	8 6	9 9	8 4
Cadmium	mg/kg		44 5 J1	49 2	70 5	50 5
Chromium	mg/kg		0 26 J1	..	0 31 J1	0 35 J1
Lead	mg/kg		18 1 J8	16	12 7	17 5
Mercury	mg/kg		18 J8	26 2 J8	76 5 J8	24 3 J8
Selenium	mg/kg			..	..	..
Silver	mg/kg		.	..	..	1 1 J1
Total Cyanide	mg/kg		..	..	0 2 J1	0 94
Wet Chemistry Parameters						
Total Organic Carbon	mg/kg					
Sulfur (D2015/300 0)	ug/g					
pH (solid)				8 4 J2	8 J2	8 3 J2
BTU per pound	Btu/lb					

TABLE 5.4
SUMMARY OF DETECTIONS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Total CLP Metals								
Arsenic	mg/kg	10.6	8.2	8.2	7.6 J5		0.25	
Barium	mg/kg	105	99	152	73.2		5.7 J8	
Cadmium	mg/kg	0.66 J1	--	--	1.9		87.2	
Chromium	mg/kg	24.6 J11	28.3 J11	23.4 J11	29.8 J5		1.1 J1	
Lead	mg/kg	74.5	63	35.2	78.1 J8		25.7 J8	
Mercury	mg/kg	0.3	0.18	0.08 J1	0.51		78 J8	
Selenium	mg/kg	--	--	--	--		--	
Silver	mg/kg	3.5	--	--	--		--	
Total Cyanide	mg/kg	--	--	--	--		--	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg					8900		19000
Sulfur (D2015/300.0)	ug/g					395		699
pH (solid)		10 J2	7.5 J2	7.3 J2	7.4 J2	7.5 J2		7.7 J2
BTU per pound	Btu/lb					1200		--

TABLE 5.4
SUMMARY OF DETECTIONS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	0.17	10.3	9.6	7.9 J5	9.7 J5	9.2 J5	6.8 J5
Barium	mg/kg	7.7 J8	39.1 J1	169	210	38.4 J1	54.2	441
Cadmium	mg/kg	75	0.69 J1	1.4	0.64 J1	1 J1	0.52 J1	--
Chromium	mg/kg	1.2	14.2 J11	23 J11	22.9 J5	18.7 J5	17.2 J5	64.4 J5
Lead	mg/kg	24.7 J8	38	139	85.5 J8	284 J8	41.5 J8	340 J8
Mercury	mg/kg	57.4 J8	0.25	0.22	0.52	0.24	0.3	0.07 J1
Selenium	mg/kg	--		0.98 J1	--	--	--	--
Silver	mg/kg	--		--	--	--	--	--
Total Cyanide	mg/kg	--	--	1.3	0.48 J10	0.11 J10	0.12 J10	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)			7.4 J2	7.5 J2	7.5 J2	7.6 J2	7.6 J2	7.5 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	7.7	10.1	8	9.7	10.2 J5	12.7 J5	11 J5
Barium	mg/kg	62.5	55.1	29.4 J1	105	47.2	24.9 J1	59.8
Cadmium	mg/kg	1 J1	--	0.81 J1	--	1 J1	0.54 J1	0.29 J1
Chromium	mg/kg	13.9 J11	14 J11	18.6 J11	25.3 J11	20.3 J5	16.8 J5	18.5 J5
Lead	mg/kg	59.8	48.6	28.7	118	181 J8	17.4 J8	36.2 J8
Mercury	mg/kg	0.28	0.21	0.09 J1	0.17 J1	0.08 J1	0.08 J1	0.1 J1
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	--	--	--	--	--	--
Total Cyanide	mg/kg	--	--	--	0.2 J1	--	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.7 J2	7.5 J2	7.6 J2	8 J2	7.7 J2	7.5 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Total CLP Metals							
Arsenic	mg/kg		0.09 J1	--	2	0.09 J1	--
Barium	mg/kg	10.1 J5	8 J5	9.8 J5	40.7 J5	9.2 J5	7 J5
Cadmium	mg/kg	32.1 J1	28 J1	38.9 J1	2220	18.5 J1	56.6
Chromium	mg/kg	1 J1	1.3	--	3.3	--	--
Lead	mg/kg	21.2	24.4	14.6	319	52.1	20.3
Mercury	mg/kg	25.8 J8	22.6 J8	15 J8	1810 J8	23.7 J8	11.5 J8
Selenium	mg/kg	.	--	--	1.6	--	--
Silver	mg/kg	.	0.25 J1	--	--	--	--
Total Cyanide	mg/kg	0.17 J1	--	--	4.6	0.11 J1	--
Wet Chemistry Parameters							
Total Organic Carbon	mg/kg						
Sulfur (D2015/300.0)	ug/g						
pH (solid)		8 J2	7.6 J2	8 J2	8 J2	7.8 J2	7.8 J2
BTU per pound	Btu/lb						

TABLE 5.4
SUMMARY OF DETECTIONS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Total CLP Metals								
Arsenic	mg/kg	12.3	9.8	13.2	9.7	9.1	4.6	9.9
Barium	mg/kg	30.3 J1	49.4	57.1	27.6 J1	59.7	53.6	34.2 J1
Cadmium	mg/kg	0.3 J1	0.48 J1	--	0.34 J1	1.5	--	0.34 J1
Chromium	mg/kg	15.5 J11	18.2 J11	20.5 J11	12.3 J11	22.2 J11	6.3 J11	12.1 J11
Lead	mg/kg	22.7	35.8	13.1	28.3	82.5	27.6	24.4
Mercury	mg/kg	0.09 J1	0.08 J1	--	0.07 J1	0.26	0.1 J1	0.09 J1
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	--	--	--	--	--	--
Total Cyanide	mg/kg	0.2 J1	0.37 J1	--	0.16 J1	0.3 J1	0.18 J1	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.8 J2	7.4 J2	7.8 J2	7.7 J2	7.4 J2	7.8 J2	7.8 J2
BTU per pound	Btu/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB01-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB04-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Total CLP Metals								
Arsenic	mg/kg		0.14		0.13 J1		0.07 J1	
Barium	mg/kg		9 J8		12.7 J8		10.1 J5	
Cadmium	mg/kg		60.4		141		27.7 J1	
Chromium	mg/kg		0.77 J1		1.8		0.89 J1	
Lead	mg/kg		12.9 J8		19 J8		19.8	
Mercury	mg/kg		91.7 J8		74.6 J8		21.3 J8	
Selenium	mg/kg				1.7 J5		..	
Silver	mg/kg				..		..	
Total Cyanide	mg/kg				..		0.21 J1	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg	9200		21000				
Sulfur (D2015/300.0)	ug/g	413		2330				
pH (solid)		7.3 J2		7.6 J2		8.4 J2	8.1 J2	10.5 J2
BTU per pound	Btu/lb	..		700				

TABLE 5.4
SUMMARY OF DETECTIONS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB04-SS01-14/16
LOCATION:		SCC-SB04
DEPTH RANGE:		14 to 16 feet
SAMPLE DATE:		05/12/97
MATRIX:		Soil
SAMPLE TYPE:		Field Sample
LAB SAMPLE ID:		A7E140163020
EPA SAMPLE ID:		E146320
SAMPLE TYPE:		N1
SDG NO:		AS06
Total CLP Metals		
Arsenic	mg/kg	
Barium	mg/kg	
Cadmium	mg/kg	
Chromium	mg/kg	
Lead	mg/kg	
Mercury	mg/kg	
Selenium	mg/kg	
Silver	mg/kg	
Total Cyanide	mg/kg	
Wet Chemistry Parameters		
Total Organic Carbon	mg/kg	
Sulfur (D2015/300.0)	ug/g	
pH (solid)		8.1 J2
BTU per pound	Btu/lb	

TABL .4
SUMMARY OF DETECTIONS - AREA D SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Total CLP Metals								
Mercury	mg/kg	0.17		0.07 J1		0.06 J1	--	--
Arsenic	mg/kg	9.6		7.8 J8		8 J8	8.9	9.4
Barium	mg/kg	48.2		36.5 J1		43.9 J1	25.7 J1	38.9 J1
Cadmium	mg/kg	1.1 J1		0.95 J1		0.21 J1	0.34 J1	0.51 J1
Chromium	mg/kg	25.9		17.1 J8		21.5 J8	14.2 J8	21.9 J8
Lead	mg/kg	59.3 J5		16.5 J8		14.5 J8	14.6	19.8
Selenium	mg/kg	--		--		--	--	--
Silver	mg/kg	--		--		--	--	--
Total Cyanide	mg/kg	--		--		--	0.09 J10	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg		9800		10000			
Sulfur (D2015/300.0)	ug/g		1260		2070			
pH (solid)		7.7 J2	7.6 J2		7.8 J2		8.1 J2	7.6 J2
BTU per pound	BTU/lb		--		250			

TABLE 5.4
SUMMARY OF DETECTIONS - AREA D SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
LOCATION:		SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Total CLP Metals					
Mercury	mg/kg	--			
Arsenic	mg/kg	9.8			
Barium	mg/kg	45.3 J1			
Cadmium	mg/kg	--			
Chromium	mg/kg	17.2 J8			
Lead	mg/kg	14.6			
Selenium	mg/kg	--			
Silver	mg/kg	--			
Total Cyanide	mg/kg	--			
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)		7.9 J2	8 J2	7.4 J2	7.5 J2
BTU per pound	BTU/lb				

TABLE 5.4
SUMMARY OF DETECTIONS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Total CLP Metals								
Mercury	mg/kg	--	0.06 J1	0.71				
Arsenic	mg/kg	9.8	7.5	7.1				
Barium	mg/kg	26.6 J1	49.8	57.9				
Cadmium	mg/kg	0.97 J1		--				
Chromium	mg/kg	19.2	23	24.7				
Lead	mg/kg	17.9 J5	12.5 J5	141 J5				
Selenium	mg/kg	--		--				
Silver	mg/kg	--	--	--				
Total Cyanide	mg/kg	--	--	1.6 J5				
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.8 J2	7.9 J2	7.6 J2	8 J2	7.4 J2	8 J2	8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB93-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Total CLP Metals								
Mercury	mg/kg							--
Arsenic	mg/kg							10.4
Barium	mg/kg							75.5
Cadmium	mg/kg							--
Chromium	mg/kg							15.3
Lead	mg/kg							24 J8
Selenium	mg/kg							--
Silver	mg/kg							--
Total Cyanide	mg/kg							--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.7 J2	8.2 J2	7.9 J2	8.3 J2	7.8 J2	8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Total CLP Metals			
Mercury	mg/kg	0.1 J1	0.24
Arsenic	mg/kg	7.4	6.9
Barium	mg/kg	38.2 J1	72.5
Cadmium	mg/kg	2.8	1.1 J1
Chromium	mg/kg	49.4	10.5
Lead	mg/kg	30.2 J8	143 J8
Selenium	mg/kg	--	--
Silver	mg/kg	0.52 J1	--
Total Cyanide	mg/kg	0.61	0.11 J1
Wet Chemistry Parameters			
Total Organic Carbon	mg/kg		
Sulfur (D2015/300.0)	ug/g		
pH (solid)		8.2 J2	9.2 J2
BTU per pound	BTU/lb		

TABLE 5.4
SUMMARY OF DETECTIONS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB92-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Total CLP Metals								
Mercury	mg/kg	0.12	1.9	--	--	--	--	--
Arsenic	mg/kg	7	9.9	17.4	8.2	11.8	8	13.7
Barium	mg/kg	29.4 J1	156	56.6	28.1 J1	35.4 J1	35.6 J1	42.2 J1
Cadmium	mg/kg	0.35 J1	28.7	--	0.55 J1	0.9 J1	--	--
Chromium	mg/kg	9.3 J8	315 J8	20.7 J8	14.5 J8	23.5 J8	17.1 J8	19.4 J8
Lead	mg/kg	47.1	188	27.2	12.4	20.2	11.7	23.1
Selenium	mg/kg	--	--	--	--	--	--	--
Silver	mg/kg	--	9.6	--	--	--	--	--
Total Cyanide	mg/kg	--	3.1 J6	--	--	0.29 J10	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8.1 J2	7.3 J2	7.9 J2	7.4 J2	7.5 J2	7.6 J2	7.7 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Total CLP Metals								
Mercury	mg/kg	--		--			--	
Arsenic	mg/kg	8.3	10.4	7.2			10.9 J8	
Barium	mg/kg	45.4 J1	32.3 J1	50.4			28.2 J1	
Cadmium	mg/kg	--	0.81 J1	--			0.24 J1	
Chromium	mg/kg	20.4 J8	19.1 J8	23.6 J8			12.3 J8	
Lead	mg/kg	13.2	21.9	12			9.8 J8	
Selenium	mg/kg	--		--			--	
Silver	mg/kg	--	--	--			--	
Total Cyanide	mg/kg	--	0.09 J10	--			--	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.9 J2	8.1 J2	8.4 J2	7.5 J2		8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	--	--	--	27.1	0.39 J5	0.38 J5	--
Arsenic	mg/kg	5.9 J8	8.2	13.7	104	6.1	8.4	6.7
Barium	mg/kg	71.5	32.2 J1	28.7 J1	389	135	128	56.3
Cadmium	mg/kg	0.28 J1	0.35 J1	--	5	2.1	1.5	0.35 J1
Chromium	mg/kg	20.9 J8	14.2 J8	13.7 J8	26.9 J8	38.1	32.3	22.7
Lead	mg/kg	16.4 J8	12.9	13.9	2680	293 J5	181 J5	11.2 J5
Selenium	mg/kg	1.2 J10	--	--	25.3	--	1.4 J5	--
Silver	mg/kg	--	--	--	0.61 J1	--	--	--
Total Cyanide	mg/kg	--	--	--	1.2 J6	--	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)			7.2 J2	7.5 J2	7 J2	8 J2	7.3 J2	7.8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	12 to 14 feet	0 to 0 5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Total CLP Metals								
Mercury	mg/kg	--		--	0 23	0 15	0 3	--
Arsenic	mg/kg	7 8 J5	9 3 J5	5 1 J5	10 9 J5	14 9 J5	14 3 J5	13 7
Barium	mg/kg	23 5 J1	26 4 J1	68 3	37 4 J1	74 2	81 4	27.2 J1
Cadmium	mg/kg	0 22 J1		--	2 4	1 9	1 8	0 44 J1
Chromium	mg/kg	11 5	12 2	25 2	33 6	29 8	35 2	12 8
Lead	mg/kg	17 8 J8	12 9 J8	22 8 J8	26 9 J8	116 J8	136 J8	19 9 J8
Selenium	mg/kg	--		--	--	--	--	--
Silver	mg/kg	--	--	--	0 42 J1	--	--	--
Total Cyanide	mg/kg	--	0 13 J1	--	0 08 J1	--	0 11 J1	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 7 J2	7 7 J2	7.8 J2	7 6 J2	7.6 J2	7.9 J2	7.8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB91-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	--	--	--		0.67 J5	0.22 J5	--
Arsenic	mg/kg	7.9	9.1	11.8		14	14.3	10
Barium	mg/kg	23.6 J1	33.9 J1	42.3 J1		68.4	114	45 J1
Cadmium	mg/kg	0.63 J1	0.42 J1	--		2.5	2.5	0.36 J1
Chromium	mg/kg	13.5 J8	14.9 J8	14.7 J8		22	18.2	22
Lead	mg/kg	17	14.9	13		335 J5	559 J5	16.8 J5
Selenium	mg/kg	--	--	--		--	1 J10	--
Silver	mg/kg	--	0.98 J1	--		--	--	--
Total Cyanide	mg/kg	0.1 J10	--	--		--	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.8 J2	7.6 J2	7.7 J2	7.6 J2	7.5 J2	7 J2	7.6 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB03-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	0.07 J5	0.14 J5			--	--	0.78 J5
Arsenic	mg/kg	3.7	3	8	10.4	5.4	6.4	86.4
Barium	mg/kg	29.6 J1	25.4 J1	60.9	19.3 J1	38.1 J1	32.3 J1	137
Cadmium	mg/kg	0.69 J1	0.64 J1	0.87 J1	0.3 J1	0.77 J1	0.98 J1	2
Chromium	mg/kg	8.1	8.8	16.1	9.5	9.9	9.8	24.8
Lead	mg/kg	34.6 J5	44.4 J5	55 J5	10.3 J5	33.5 J5	77.6 J5	157 J5
Selenium	mg/kg	--		1.1 J10		--	1.2 J5	2.3 J5
Silver	mg/kg	--		--		--	--	--
Total Cyanide	mg/kg	--		--	--	--	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8 J2	8.1 J2	7.2 J2	7.2 J2	7.7 J2	8.2 J2	8.3 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB94-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Total CLP Metals								
Mercury	mg/kg	0.31 J5	0.11 J5	0.13 J5	--	--	--	--
Arsenic	mg/kg	45.6	5.4	8.9	6.8	10.6 J5	12.4 J5	11.3 J5
Barium	mg/kg	92.6	62.7	47.2	9 J1	45.3 J1	55.2	9.7 J1
Cadmium	mg/kg	2.1	0.59 J1	1.1 J1	--	0.8 J1	0.55 J1	2
Chromium	mg/kg	24.5	12.4	12.8	4.8	17.5	14	2.1 J1
Lead	mg/kg	140 J5	36.4 J5	225 J5	4.9 J5	22.3 J8	19 J8	36.8 J8
Selenium	mg/kg	2.7 J5	--	--	--	--	--	--
Silver	mg/kg	0.24 J1	--	--	--	--	--	--
Total Cyanide	mg/kg	--	--	--	--	0.11 J1	--	0.21 J1
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8 J2	7.8 J2	7.2 J2	7.4 J2	7.5 J2	7.7 J2	8 J2
BTU per pound	BTU/lb							

TABLE 5.4
SUMMARY OF DETECTIONS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Total CLP Metals								
Mercury	mg/kg	--	0.09 J5		--	0.15	--	--
Arsenic	mg/kg	3	5.5		3.7	21.8 J8	17 J8	11.6 J8
Barium	mg/kg	22.2 J1	45.5 J1		45.7 J1	153	29.1 J1	21.4 J1
Cadmium	mg/kg	0.32 J1	1.3		0.15 J1	0.69 J1	0.35 J1	0.4 J1
Chromium	mg/kg	6.3	11.7		15.4	213 J8	14.3 J8	12.2 J8
Lead	mg/kg	12.8 J5	41.4 J5		13.7 J5	39.7 J8	17.4 J8	19.5 J8
Selenium	mg/kg	--	1.4 J5		--	--	1.1 J10	1 J10
Silver	mg/kg	--	--		--	--	--	--
Total Cyanide	mg/kg	--	--		--	--	--	--
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg			16000	4000			
Sulfur (D2016/300.0)	ug/g			2070	222			
pH (solid)		7.7 J2	9.1 J2		7.3 J2	8.7 J2	7.7 J2	7.5 J2
BTU per pound	BTU/lb			1000	100			

TABLE 5.4
SUMMARY OF DETECTIONS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
		LOCATION:	SCG-SB09	SCG-SB09	SCG-SB09
		DEPTH RANGE:	1 to 2 feet	6 to 8 feet	8 to 10 feet
		SAMPLE DATE:	06/16/97	06/16/97	06/16/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F170129004	A7F170129005	A7F170129006
		EPA SAMPLE ID:	F172904	F172905	F172906
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS11	AS11	AS11
Total CLP Metals					
Mercury	mg/kg		0.14	--	--
Arsenic	mg/kg		8.8 J8	6.7 J8	25.9 J8
Barium	mg/kg		49.1	61.6	58.2
Cadmium	mg/kg		0.74 J1	0.26 J1	0.6 J1
Chromium	mg/kg		8.8 J8	19.3 J8	20.6 J8
Lead	mg/kg		54.2 J8	15.7 J8	21.3 J8
Selenium	mg/kg		0.93 J10	1.3 J10	2.2 J5
Silver	mg/kg		--	--	--
Total Cyanide	mg/kg		--	--	--
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)			7.8 J2	7.2 J2	7.2 J2
BTU per pound	BTU/lb				

TABLE 5.4
SUMMARY OF DETECTIONS - BACKGROUND SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
		LOCATION:	Background	Background	Background
		DEPTH RANGE:	0 to 2 feet	6 to 8 feet	12 to 14 feet
		SAMPLE DATE:	08/04/97	08/04/97	08/04/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F050163004	A7F050163005	A7F050163006
		EPA SAMPLE ID:	F056304	F056305	F056306
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS10	AS10	AS10
Total CLP Metals					
Mercury	mg/kg		0.23 J5	-	-
Arsenic	mg/kg		10.3	3.7	10.3
Barium	mg/kg		70.8	41.2 J1	47.8 J1
Cadmium	mg/kg		0.81 J1	0.18 J1	0.34 J1
Chromium	mg/kg		20.9	18.8	20.4
Lead	mg/kg		95.2 J5	11.2 J5	16.3 J5
Selenium	mg/kg		--	-	--
Silver	mg/kg		--	-	--
Total Cyanide	mg/kg		--	-	--
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)			7.4 J2	7.9 J2	7.6 J2
BTU per pound	BTU/lb				

TABLE 5.4
SUMMARY OF DETECTIONS - SEDIMENT
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	C1-SD01MMSD	CU-SD02	CD-SD03
		LOCATION:	Inlet Location	Upstream Location	Downstream Location
		DEPTH RANGE:			
		SAMPLE DATE:	05/31/97	05/31/97	05/31/97
		MATRIX:	Sediment	Sediment	Sediment
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F040135002	A7F040135003	A7F040135001
		EPA SAMPLE ID:	F043502	F043503	F043501
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS09	AS09	AS09
Total CLP Metals					
Mercury	mg/kg		2.3 J5	0.07 J10	0.2 J5
Arsenic	mg/kg		13.9	10.4	9.9
Barium	mg/kg		254	25.7 J1	45.8 J1
Cadmium	mg/kg		16.7	0.64 J1	4.6
Chromium	mg/kg		112	17.6	46.5
Lead	mg/kg		697 J5	32.8 J5	78.3 J5
Selenium	mg/kg		5.1 J5	--	--
Silver	mg/kg		2.3 J1	--	0.9 J1
Total Cyanide	mg/kg		1.9 J10	--	--
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)			7.4 J2	7.8 J2	7.4 J2
BTU per pound	BTU/lb				

TABLE 5.4
SUMMARY OF DETECTIONS - GROUNDWATER
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCA-TW01-GW01	SCG-TW03-GW01	GWRB1 6/6/97
	LOCATION:	SCA SB01	SCG SB03	
	DEPTH RANGE:			
	SAMPLE DATE:	06/06/97	06/06/97	06/06/97
	MATRIX:	Groundwater	Groundwater	
	SAMPLE TYPE:	Field Sample	Field Sample	Rinseate Blank
	LAB SAMPLE ID:	A7F110101001	A7F110101005	A7F110101002
	EPA ID:	F110101	F110105	F110102
	SAMPLE TYPE:	N1	N1	EB1
	SDG NO:	AS10	AS10	AS10
Total CLP Metals				
Arsenic	ug/L	139		--
Barium	ug/L	2200		7.2 J1
Cadmium	ug/L	26.7		--
Chromium	ug/L	378		--
Lead	ug/L	1510 J5		--
Selenium	ug/L	18.3 J5		--
Total Cyanide	ug/L	75.9	7.8 J1	--
Dissolved CLP Metals				
Arsenic	ug/L	7.6 J1		--
Barium	ug/L	780		--
Chromium	ug/L	2 J1		--
Lead	ug/L	--		--
Selenium	ug/L	4.3 J10		--
Silver	ug/L	--		--

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TAB 5.5
SUMMARY OF DETECTIONS - TCLP SAMPLES
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCC-SB03-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB15-SS01-12/14
	LOCATION:	SCC-SB03	SCA-SB07	SCA-SB15
	DEPTH RANGE:	8 to 10 feet	8 to 10 feet	12 to 14 feet
	SAMPLE DATE:	04/30/97	05/06/97	05/13/97
	MATRIX:	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7E030103002	A7E080152002	A7E160105001
	EPA ID:	E014009	E078011	E155411
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS01	AS03	AS07
TCLP Volatiles				
Benzene-TCLP	mg/L	0.057 J2		0.044
TCLP Metals				
Lead-TCLP	mg/L	--	0.52	--

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TABLE 5
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB01-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromomethane	ug/kg	12 UJ9	12 U	1600 U	32000 U	12 UJ9	11 UJ9	130 UJ9
Vinyl Chloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Chloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Methylene Chloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Acetone	ug/kg	12 U	12 U	1900 J9	32000 UJ9	12 UJ9	11 U	1400 J9
Carbon Disulfide	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1-Dichloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1-Dichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Chloroform	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
2-Butanone	ug/kg	12 U	12 U	1600 U	32000 U	12 UJ9	11 U	130 UJ9
1,1,1-Trichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Carbon Tetrachloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromodichloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloropropane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Trichloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Dibromochloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Benzene	ug/kg	12 U	12 U	6100 J7	32000 J10	12 U	11 U	130 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromoform	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 U	1600 U	32000 U	12 UJ9	11 U	130 UJ9
2-Hexanone	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Tetrachloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Toluene	ug/kg	12 U	12 U	24000 J7	110000 J7	12 U	11 U	130 U
Chlorobenzene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Ethylbenzene	ug/kg	12 U	12 U	18000 J7	120000 J7	12 U	11 U	130 U
Styrene	ug/kg	12 U	12 U	6400	17000 J1	12 U	11 U	130 U
Xylenes (total)	ug/kg	12 U	12 U	73000 J7	430000 J7	12 U	11 U	130 U
TOTAL VOCs	ug/kg	ND	ND	131400	692000	ND	ND	1400
TOTAL BTEX	ug/kg	ND	ND	123100	692000	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Bromomethane	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 U	16000 U	12 U
Vinyl Chloride	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Chloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Methylene Chloride	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Acetone	ug/kg	5700 J9	12 U	1100 J10	12 U	12 U	16000 U	12 U
Carbon Disulfide	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1-Dichloroethene	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1-Dichloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,2-Dichloroethene (total)	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Chloroform	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,2-Dichloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
2-Butanone	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1,1-Trichloroethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Carbon Tetrachloride	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Bromodichloromethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
1,2-Dichloropropane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
cis-1,3-Dichloropropene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Trichloroethene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Dibromochloromethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
1,1,2-Trichloroethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Benzene	ug/kg	120 U	12 U	15000	12 UJ9	12 U	11000 J1	12 U
trans-1,3-Dichloropropene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Bromoform	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
4-Methyl-2-pentanone	ug/kg	120 U	12 UJ10	1600 U	12 UJ10	12 UJ9	16000 U	12 U
2-Hexanone	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Tetrachloroethene	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Toluene	ug/kg	120 U	12 UJ9	16000	12 UJ9	12 UJ9	32000	12 U
Chlorobenzene	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Ethylbenzene	ug/kg	120 U	12 UJ9	22000	12 UJ9	12 UJ9	18000	12 U
Styrene	ug/kg	120 U	12 UJ9	1400 J1	12 UJ9	12 UJ9	16000 U	12 U
Xylenes (total)	ug/kg	120 U	12 UJ9	57000	12 UJ9	12 UJ9	76000	12 U
TOTAL VOCs	ug/kg	5700	ND	112500	ND	ND	137000	ND
TOTAL BTEX	ug/kg	ND	ND	110000	ND	ND	137000	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB06-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromomethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Vinyl Chloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Chloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Methylene Chloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Acetone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Carbon Disulfide	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1-Dichloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1-Dichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloroethene (total)	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Chloroform	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
2-Butanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,1-Trichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Carbon Tetrachloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromodichloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloropropane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Trichloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Dibromochloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,2-Trichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Benzene	ug/kg	12 U	6200 J1	11 U	11 U	11 U	12 U	12 U
trans-1,3-Dichloropropene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromoform	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
4-Methyl-2-pentanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
2-Hexanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Tetrachloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Toluene	ug/kg	12 U	22000	11 U	11 U	11 U	12 U	12 U
Chlorobenzene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Ethylbenzene	ug/kg	12 U	12000	11 U	11 U	11 U	12 U	12 U
Styrene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Xylenes (total)	ug/kg	12 U	46000	11 U	11 U	11 U	12 U	12 U
TOTAL VOCs	ug/kg	ND	86200	ND	ND	ND	ND	ND
TOTAL BTEX	ug/kg	ND	86200	ND	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromomethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Vinyl Chloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Methylene Chloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Acetone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Carbon Disulfide	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1-Dichloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1-Dichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloroethene (total)	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chloroform	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
2-Butanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,1-Trichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Carbon Tetrachloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromodichloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloropropane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
cis-1,3-Dichloropropene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Trichloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Dibromochloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,2-Trichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Benzene	ug/kg		11 U		400 J1	12 U	12 U	34000
trans-1,3-Dichloropropene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromoform	ug/kg		11 U		1600 U	12 U	12 U	15000 U
4-Methyl-2-pentanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
2-Hexanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Tetrachloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,2,2-Tetrachloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Toluene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chlorobenzene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Ethylbenzene	ug/kg		11 U		3500	12 U	12 U	80000
Styrene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Xylenes (total)	ug/kg		11 U		750 J1	12 U	12 U	88000
TOTAL VOCs	ug/kg	NA	ND	NA	4650	ND	ND	202000
TOTAL BTEX	ug/kg	NA	ND	NA	4650	ND	ND	202000

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB09-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromomethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Vinyl Chloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Chloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Methylene Chloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Acetone	ug/kg	12 U	12 U	12 U	42	11 U	11 U	1200
Carbon Disulfide	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1-Dichloroethene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1-Dichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Chloroform	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
2-Butanone	ug/kg	12 U	12 U	12 U	12 J1	11 U	11 U	120 U
1,1,1-Trichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Carbon Tetrachloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromodichloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloropropane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Trichloroethene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Dibromochloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Benzene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromoform	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
4-Methyl-2-pentanone	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
2-Hexanone	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Tetrachloroethene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Toluene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Chlorobenzene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Ethylbenzene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Styrene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Xylenes (total)	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
TOTAL VOCs	ug/kg	ND	ND	ND	54	ND	ND	1200
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromomethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Vinyl Chloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Chloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Methylene Chloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Acetone	ug/kg	9 J1	360	11000 U	12 U	11 U	2000	13 U
Carbon Disulfide	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1-Dichloroethene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1-Dichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloroethene (total)	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Chloroform	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
2-Butanone	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1,1-Trichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Carbon Tetrachloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromodichloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloropropane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
cis-1,3-Dichloropropene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Trichloroethene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Dibromochloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1,2-Trichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Benzene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
trans-1,3-Dichloropropene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromoform	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
4-Methyl-2-pentanone	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
2-Hexanone	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Tetrachloroethene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Toluene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Chlorobenzene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Ethylbenzene	ug/kg	12 U	28 U	16000	12 UJ9	11 U	110 U	13 U
Styrene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Xylenes (total)	ug/kg	12 U	28 U	18000	12 UJ9	11 U	110 U	13 U
TOTAL VOCs	ug/kg	9	360	34000	ND	ND	2000	ND
TOTAL BTEX	ug/kg	ND	ND	34000	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromomethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Vinyl Chloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Methylene Chloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Acetone	ug/kg	1200	780	11 U	12 U		12 U	
Carbon Disulfide	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1-Dichloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1-Dichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,2-Dichloroethene (total)	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chloroform	ug/kg	110 U	40 U	11 U	12 U		3 J1	
1,2-Dichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
2-Butanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,1-Trichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Carbon Tetrachloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromodichloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,2-Dichloropropane	ug/kg	110 U	40 U	11 U	12 U		12 U	
cis-1,3-Dichloropropene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Trichloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Dibromochloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,2-Trichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Benzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
trans-1,3-Dichloropropene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromoform	ug/kg	110 U	40 U	11 U	12 U		12 U	
4-Methyl-2-pentanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
2-Hexanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
Tetrachloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,2,2-Tetrachloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Toluene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chlorobenzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Ethylbenzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Styrene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Xylenes (total)	ug/kg	110 U	40 U	11 U	12 U		12 U	
TOTAL VOCs	ug/kg	1200	780	ND	ND	NA	3	NA
TOTAL BTEX	ug/kg	ND	ND	ND	ND	NA	ND	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U		12 U				
Bromomethane	ug/kg	11 U		12 U				
Vinyl Chloride	ug/kg	11 U		12 U				
Chloroethane	ug/kg	11 U		12 U				
Methylene Chloride	ug/kg	11 U		12 U				
Acetone	ug/kg	11 U		12 U				
Carbon Disulfide	ug/kg	11 U		12 U				
1,1-Dichloroethene	ug/kg	11 U		12 U				
1,1-Dichloroethane	ug/kg	11 U		12 U				
1,2-Dichloroethene (total)	ug/kg	11 U		12 U				
Chloroform	ug/kg	11 U		12 U				
1,2-Dichloroethane	ug/kg	11 U		12 U				
2-Butanone	ug/kg	11 U		12 U				
1,1,1-Trichloroethane	ug/kg	11 U		12 U				
Carbon Tetrachloride	ug/kg	11 U		12 U				
Bromodichloromethane	ug/kg	11 U		12 U				
1,2-Dichloropropane	ug/kg	11 U		12 U				
cis-1,3-Dichloropropene	ug/kg	11 U		12 U				
Trichloroethene	ug/kg	11 U		12 U				
Dibromochloromethane	ug/kg	11 U		12 U				
1,1,2-Trichloroethane	ug/kg	11 U		12 U				
Benzene	ug/kg	11 U		12 U				
trans-1,3-Dichloropropene	ug/kg	11 U		12 U				
Bromoform	ug/kg	11 U		12 U				
4-Methyl-2-pentanone	ug/kg	11 U		12 U				
2-Hexanone	ug/kg	11 U		12 U				
Tetrachloroethene	ug/kg	11 U		12 U				
1,1,2,2-Tetrachloroethane	ug/kg	11 U		12 U				
Toluene	ug/kg	11 U		12 U				
Chlorobenzene	ug/kg	11 U		12 U				
Ethylbenzene	ug/kg	11 U		12 U				
Styrene	ug/kg	11 U		12 U				
Xylenes (total)	ug/kg	11 U		12 U				
TOTAL VOCs	ug/kg	ND	NA	ND	NA	NA	NA	NA
TOTAL BTEX	ug/kg	ND	NA	ND	NA	NA	NA	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		E184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Volatile Organic Compounds					
Chloromethane	ug/kg	1600 U			1400 U
Bromomethane	ug/kg	1600 U			1400 U
Vinyl Chloride	ug/kg	1600 U			1400 U
Chloroethane	ug/kg	1600 U			1400 U
Methylene Chloride	ug/kg	1600 U			1400 U
Acetone	ug/kg	530 J1			1500
Carbon Disulfide	ug/kg	1600 U			1400 U
1,1-Dichloroethene	ug/kg	1600 U			1400 U
1,1-Dichloroethane	ug/kg	1600 U			1400 U
1,2-Dichloroethene (total)	ug/kg	1600 U			1400 U
Chloroform	ug/kg	1600 U			1400 U
1,2-Dichloroethane	ug/kg	1600 U			1400 U
2-Butanone	ug/kg	1600 U			1400 U
1,1,1-Trichloroethane	ug/kg	1600 U			1400 U
Carbon Tetrachloride	ug/kg	1600 U			1400 U
Bromodichloromethane	ug/kg	1600 U			1400 U
1,2-Dichloropropane	ug/kg	1600 U			1400 U
cis-1,3-Dichloropropene	ug/kg	1600 U			1400 U
Trichloroethene	ug/kg	1600 U			1400 U
Dibromochloromethane	ug/kg	1600 U			1400 U
1,1,2-Trichloroethane	ug/kg	1600 U			1400 U
Benzene	ug/kg	16000			8700
trans-1,3-Dichloropropene	ug/kg	1600 U			1400 U
Bromoform	ug/kg	1600 U			1400 U
4-Methyl-2-pentanone	ug/kg	1600 U			1400 U
2-Hexanone	ug/kg	1600 U			1400 U
Tetrachloroethene	ug/kg	1600 U			1400 U
1,1,2,2-Tetrachloroethane	ug/kg	1600 U			1400 U
Toluene	ug/kg	20000			1400 J1
Chlorobenzene	ug/kg	1600 U			1400 U
Ethylbenzene	ug/kg	16000			20000
Styrene	ug/kg	7700			1400 U
Xylenes (total)	ug/kg	72000			32000 J3
TOTAL VOCs	ug/kg	132230	NA	NA	63800
TOTAL BTEX	ug/kg	124000	NA	NA	62100

TABLE 5.3
CUMMULATIVE TOTAL - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromomethane	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 U		12 U	
Vinyl Chloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Chloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Methylene Chloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Acetone	ug/kg	130 J9	490 J9	1100 J9	12 U		12 U	
Carbon Disulfide	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1-Dichloroethene	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1-Dichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,2-Dichloroethene (total)	ug/kg	11 U	140 U	140 U	12 U		12 U	
Chloroform	ug/kg	11 U	140 U	140 U	12 U		4 J1	
1,2-Dichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
2-Butanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 U		12 U	
1,1,1-Trichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Carbon Tetrachloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromodichloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,2-Dichloropropane	ug/kg	11 U	140 U	140 U	12 U		12 U	
cis-1,3-Dichloropropene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Trichloroethene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Dibromochloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1,2-Trichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Benzene	ug/kg	11 U	140 U	140 U	12 U		12 U	
trans-1,3-Dichloropropene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromoform	ug/kg	11 U	140 U	140 U	12 U		12 U	
4-Methyl-2-pentanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 UJ9		12 U	
2-Hexanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 UJ9		12 U	
Tetrachloroethene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
1,1,2,2-Tetrachloroethane	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Toluene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Chlorobenzene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Ethylbenzene	ug/kg	11 U	140 U	80 J1	12 UJ9		3 J1	
Styrene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Xylenes (total)	ug/kg	11 U	140 U	140	12 UJ9		3 J1	
TOTAL VOCs	ug/kg	130	490	1320	ND	NA	10	NA
TOTAL BTEX	ug/kg	ND	ND	220	ND	NA	6	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromomethane	ug/kg	1500 U	11 UJ9	12 UJ9	1600 U	11 UJ9	11 UJ9	11 UJ9
Vinyl Chloride	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Chloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Methylene Chloride	ug/kg	1500 U	11 U	16	1600 U	11 U	8 J10	11 U
Acetone	ug/kg	800 J1	11 UJ9	12 UJ9	2600	11 UJ9	11 UJ9	42 J9
Carbon Disulfide	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1-Dichloroethene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1-Dichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloroethene (total)	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Chloroform	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
2-Butanone	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1,1-Trichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Carbon Tetrachloride	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromodichloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloropropane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
cis-1,3-Dichloropropene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Trichloroethene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Dibromochloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1,2-Trichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Benzene	ug/kg	700 J1	11 U	12 U	1600 U	11 U	11 UJ9	3 J1
trans-1,3-Dichloropropene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromoform	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
4-Methyl-2-pentanone	ug/kg	1500 U	11 UJ9	12 UJ9	1600 U	11 UJ9	11 UJ9	11 UJ9
2-Hexanone	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Tetrachloroethene	ug/kg	1500 U	11 U	2 J1	1600 U	11 U	2 J10	11 U
1,1,2,2-Tetrachloroethane	ug/kg	1500 U	11 U	3 J1	1600 U	11 U	11 UJ9	11 U
Toluene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	16
Chlorobenzene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Ethylbenzene	ug/kg	14000	11 U	12 U	3200	11 U	11 UJ9	17
Styrene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	2 J1
Xylenes (total)	ug/kg	13000	11 U	12 U	2700	11 U	11 UJ9	50
TOTAL VOCs	ug/kg	28500	ND	21	8500	ND	10	130
TOTAL BTEX	ug/kg	27700	ND	ND	5900	ND	ND	86

TABLE 5.6
CUMMULATIVE TOTAL - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromomethane	ug/kg	11 UJ9	11 UJ9	11 UJ9	17 UJ9	11 UJ9	11 UJ9	1500 U
Vinyl Chloride	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Methylene Chloride	ug/kg	11 U	4 J10	11 U	17 U	11 U	11 U	1500 U
Acetone	ug/kg	11 UJ9	11 UJ9	11 UJ9	51 J9	11 UJ9	11 UJ9	3000 J9
Carbon Disulfide	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1-Dichloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1-Dichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloroethene (total)	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chloroform	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
2-Butanone	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 UJ9	350 J10
1,1,1-Trichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Carbon Tetrachloride	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromodichloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloropropane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
cis-1,3-Dichloropropene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Trichloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Dibromochloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1,2-Trichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Benzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
trans-1,3-Dichloropropene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromoform	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
4-Methyl-2-pentanone	ug/kg	11 UJ9	11 UJ9	11 UJ9	17 UJ9	11 UJ9	11 UJ9	1500 U
2-Hexanone	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Tetrachloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Toluene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chlorobenzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Ethylbenzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Styrene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Xylenes (total)	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
TOTAL VOCs	ug/kg	ND	4	ND	51	ND	ND	3350
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Volatile Organic Compounds							
Chloromethane	ug/kg			120 U			
Bromomethane	ug/kg			120 U			
Vinyl Chloride	ug/kg			120 U			
Chloroethane	ug/kg			120 U			
Methylene Chloride	ug/kg			120 U			
Acetone	ug/kg			1400			
Carbon Disulfide	ug/kg			120 U			
1,1-Dichloroethene	ug/kg			120 U			
1,1-Dichloroethane	ug/kg			120 U			
1,2-Dichloroethene (total)	ug/kg			120 U			
Chloroform	ug/kg			120 U			
1,2-Dichloroethane	ug/kg			120 U			
2-Butanone	ug/kg			120 U			
1,1,1-Trichloroethane	ug/kg			120 U			
Carbon Tetrachloride	ug/kg			120 U			
Bromodichloromethane	ug/kg			120 U			
1,2-Dichloropropane	ug/kg			120 U			
cis-1,3-Dichloropropene	ug/kg			120 U			
Trichloroethene	ug/kg			120 U			
Dibromochloromethane	ug/kg			120 U			
1,1,2-Trichloroethane	ug/kg			120 U			
Benzene	ug/kg			120 U			
trans-1,3-Dichloropropene	ug/kg			120 U			
Bromoform	ug/kg			120 U			
4-Methyl-2-pentanone	ug/kg			120 U			
2-Hexanone	ug/kg			120 U			
Tetrachloroethene	ug/kg			120 U			
1,1,2,2-Tetrachloroethane	ug/kg			120 U			
Toluene	ug/kg			120 U			
Chlorobenzene	ug/kg			120 U			
Ethylbenzene	ug/kg			120 U			
Styrene	ug/kg			120 U			
Xylenes (total)	ug/kg			120 U			
TOTAL VOCs	ug/kg	NA	NA	1400	NA	NA	NA
TOTAL BTEX	ug/kg	NA	NA	ND	NA	NA	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Volatile Organic Compounds								
Chloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromomethane	ug/kg	14 U	11 U	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
Vinyl Chloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Chloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Methylene Chloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Acetone	ug/kg	14 UJ9	11 UJ9	3000	11 U	36 R13	11000	11 UJ9
Carbon Disulfide	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1-Dichloroethene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1-Dichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloroethene (total)	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Chloroform	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
2-Butanone	ug/kg	14 UJ9	11 UJ9	1600 U	11 U	12 UJ9	1400 U	11 UJ9
1,1,1-Trichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Carbon Tetrachloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromodichloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloropropane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
cis-1,3-Dichloropropene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Trichloroethene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Dibromochloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1,2-Trichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Benzene	ug/kg	14 U	11 U	1400 J1	11 U	12 U	3000	11 U
trans-1,3-Dichloropropene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromoform	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
4-Methyl-2-pentanone	ug/kg	14 UJ9	11 UJ10	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
2-Hexanone	ug/kg	14 UJ9	11 UJ10	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
Tetrachloroethene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
1,1,2,2-Tetrachloroethane	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Toluene	ug/kg	14 U	11 UJ9	700 J1	11 U	12 U	1900	11 U
Chlorobenzene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Ethylbenzene	ug/kg	14 U	11 UJ9	6400	11 U	12 U	29000	11 U
Styrene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Xylenes (total)	ug/kg	14 U	11 UJ9	11000	11 U	12 U	25000	11 U
TOTAL VOCs	ug/kg	ND	ND	22500	ND	ND	69900	ND
TOTAL BTEX	ug/kg	ND	ND	19500	ND	ND	58900	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB04-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg		12 U		1700 U			
Bromomethane	ug/kg		12 U		1700 U			
Vinyl Chloride	ug/kg		12 U		1700 U			
Chloroethane	ug/kg		12 U		1700 U			
Methylene Chloride	ug/kg		12 U		1700 U			
Acetone	ug/kg		12 U		1100 J1			
Carbon Disulfide	ug/kg		12 U		1700 U			
1,1-Dichloroethene	ug/kg		12 U		1700 U			
1,1-Dichloroethane	ug/kg		12 U		1700 U			
1,2-Dichloroethene (total)	ug/kg		12 U		1700 U			
Chloroform	ug/kg		12 U		1700 U			
1,2-Dichloroethane	ug/kg		12 U		1700 U			
2-Butanone	ug/kg		12 U		1700 U			
1,1,1-Trichloroethane	ug/kg		12 U		1700 U			
Carbon Tetrachloride	ug/kg		12 U		1700 U			
Bromodichloromethane	ug/kg		12 U		1700 U			
1,2-Dichloropropane	ug/kg		12 U		1700 U			
cis-1,3-Dichloropropene	ug/kg		12 U		1700 U			
Trichloroethene	ug/kg		12 U		1700 U			
Dibromochloromethane	ug/kg		12 U		1700 U			
1,1,2-Trichloroethane	ug/kg		12 U		1700 U			
Benzene	ug/kg		12 U		4300			
trans-1,3-Dichloropropene	ug/kg		12 U		1700 U			
Bromoform	ug/kg		12 U		1700 U			
4-Methyl-2-pentanone	ug/kg		12 U		1700 U			
2-Hexanone	ug/kg		12 U		1700 U			
Tetrachloroethene	ug/kg		12 U		1700 U			
1,1,2,2-Tetrachloroethane	ug/kg		12 U		1700 U			
Toluene	ug/kg		12 U		1900			
Chlorobenzene	ug/kg		12 U		1700 U			
Ethylbenzene	ug/kg		12 U		20000			
Styrene	ug/kg		12 U		470 J1			
Xylenes (total)	ug/kg		12 U		21000			
TOTAL VOCs	ug/kg	NA	ND	NA	48770	NA	NA	NA
TOTAL BTEX	ug/kg	NA	ND	NA	47200	NA	NA	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCC-SB04-SS01-14/16
	LOCATION:	SCC-SB04
	DEPTH RANGE:	14 to 16 feet
	SAMPLE DATE:	05/12/97
	MATRIX:	Soil
	SAMPLE TYPE:	Field Sample
	LAB SAMPLE ID:	A7E140163020
	EPA SAMPLE ID:	E146320
	SAMPLE TYPE:	N1
	SDG NO:	AS06
Volatile Organic Compounds		
Chloromethane	ug/kg	
Bromomethane	ug/kg	
Vinyl Chloride	ug/kg	
Chloroethane	ug/kg	
Methylene Chloride	ug/kg	
Acetone	ug/kg	
Carbon Disulfide	ug/kg	
1,1-Dichloroethene	ug/kg	
1,1-Dichloroethane	ug/kg	
1,2-Dichloroethene (total)	ug/kg	
Chloroform	ug/kg	
1,2-Dichloroethane	ug/kg	
2-Butanone	ug/kg	
1,1,1-Trichloroethane	ug/kg	
Carbon Tetrachloride	ug/kg	
Bromodichloromethane	ug/kg	
1,2-Dichloropropane	ug/kg	
cis-1,3-Dichloropropene	ug/kg	
Trichloroethene	ug/kg	
Dibromochloromethane	ug/kg	
1,1,2-Trichloroethane	ug/kg	
Benzene	ug/kg	
trans-1,3-Dichloropropene	ug/kg	
Bromoform	ug/kg	
4-Methyl-2-pentanone	ug/kg	
2-Hexanone	ug/kg	
Tetrachloroethene	ug/kg	
1,1,2,2-Tetrachloroethane	ug/kg	
Toluene	ug/kg	
Chlorobenzene	ug/kg	
Ethylbenzene	ug/kg	
Styrene	ug/kg	
Xylenes (total)	ug/kg	
TOTAL VOCs	ug/kg	NA
TOTAL BTEX	ug/kg	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA D SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromomethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Vinyl Chloride	ug/kg	11 U		11 U		120 U	11 U	12 U
Chloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Methylene Chloride	ug/kg	11 U		11 U		120 U	15 UB	12 UB
Acetone	ug/kg	11 U		11 U		250 UB	11 UJ9	12 UJ9
Carbon Disulfide	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1-Dichloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1-Dichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloroethene (total)	ug/kg	11 U		11 U		120 U	11 U	12 U
Chloroform	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
2-Butanone	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,1-Trichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Carbon Tetrachloride	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromodichloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloropropane	ug/kg	11 U		11 U		120 U	11 U	12 U
cis-1,3-Dichloropropene	ug/kg	11 U		11 U		120 U	11 U	12 U
Trichloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
Dibromochloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,2-Trichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Benzene	ug/kg	11 U		11 U		120 U	11 U	12 U
trans-1,3-Dichloropropene	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromoform	ug/kg	11 U		11 U		120 U	11 U	12 U
4-Methyl-2-pentanone	ug/kg	11 U		11 U		120 U	11 U	12 U
2-Hexanone	ug/kg	11 U		11 U		120 U	11 UJ9	12 UJ9
Tetrachloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Toluene	ug/kg	11 U		11 U		29 J1	11 U	12 U
Chlorobenzene	ug/kg	11 U		11 U		120 U	11 U	12 U
Ethylbenzene	ug/kg	11 U		11 U		230	11 U	12 U
Styrene	ug/kg	11 U		11 U		120 U	11 U	12 U
Xylenes (total)	ug/kg	11 U		11 U		280	11 U	12 U
TOTAL VOCs	ug/kg	ND	NA	ND	NA	539	ND	ND
TOTAL BTEX	ug/kg	ND	NA	ND	NA	539	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA D SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
LOCATION:		SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Volatile Organic Compounds					
Chloromethane	ug/kg	120 U	11 U	11 U	110 U
Bromomethane	ug/kg	120 U	11 U	11 U	110 U
Vinyl Chloride	ug/kg	120 U	11 U	11 U	110 U
Chloroethane	ug/kg	120 U	11 U	11 U	110 U
Methylene Chloride	ug/kg	120 U	11 U	11 U	110 U
Acetone	ug/kg	6500 DJ2	11 U	11 U	5100
Carbon Disulfide	ug/kg	120 U	11 U	11 U	110 U
1,1-Dichloroethene	ug/kg	120 U	11 U	11 U	110 U
1,1-Dichloroethane	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloroethene (total)	ug/kg	120 U	11 U	11 U	110 U
Chloroform	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloroethane	ug/kg	120 U	11 U	11 U	110 U
2-Butanone	ug/kg	120 U	11 U	11 U	110 U
1,1,1-Trichloroethane	ug/kg	120 U	11 U	11 U	110 U
Carbon Tetrachloride	ug/kg	120 U	11 U	11 U	110 U
Bromodichloromethane	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloropropane	ug/kg	120 U	11 U	11 U	110 U
cis-1,3-Dichloropropene	ug/kg	120 U	11 U	11 U	110 U
Trichloroethene	ug/kg	120 U	11 U	11 U	110 U
Dibromochloromethane	ug/kg	120 U	11 U	11 U	110 U
1,1,2-Trichloroethane	ug/kg	120 U	11 U	11 U	110 U
Benzene	ug/kg	120 U	11 U	11 U	110 U
trans-1,3-Dichloropropene	ug/kg	120 U	11 U	11 U	110 U
Bromoform	ug/kg	120 U	11 U	11 U	110 U
4-Methyl-2-pentanone	ug/kg	120 U	11 U	11 U	110 U
2-Hexanone	ug/kg	120 UJ9	11 U	11 U	110 U
Tetrachloroethene	ug/kg	120 U	11 U	11 U	110 U
1,1,2,2-Tetrachloroethane	ug/kg	120 U	11 U	11 U	110 U
Toluene	ug/kg	120 U	11 U	11 U	110 U
Chlorobenzene	ug/kg	120 U	11 U	11 U	110 U
Ethylbenzene	ug/kg	120 U	11 U	11 U	82 J1
Styrene	ug/kg	120 U	11 U	11 U	110 U
Xylenes (total)	ug/kg	120 U	11 U	11 U	240
TOTAL VOCs	ug/kg	6500	ND	ND	5422
TOTAL BTEX	ug/kg	ND	ND	ND	322

TABLE 6
CUMMULATIVE TOTAL - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromomethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Vinyl Chloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Chloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Methylene Chloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Acetone	ug/kg	11 U	14	5000	5200	12 U	6400	11 U
Carbon Disulfide	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1-Dichloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1-Dichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Chloroform	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
2-Butanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Carbon Tetrachloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromodichloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloropropane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Trichloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Dibromochloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Benzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromoform	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
2-Hexanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Tetrachloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Toluene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	300 J1	11 U
Chlorobenzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Ethylbenzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Styrene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Xylenes (total)	ug/kg	11 U	12 U	1600 U	1400 U	12 U	440 J1	11 U
TOTAL VOCs	ug/kg	ND	14	5000	5200	ND	7140	ND
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	740	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB93-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromomethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Vinyl Chloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Methylene Chloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Acetone	ug/kg	11 U	11 U	1000	9800	400	2500	
Carbon Disulfide	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1-Dichloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1-Dichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloroethene (total)	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chloroform	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
2-Butanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,1-Trichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Carbon Tetrachloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromodichloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloropropane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
cis-1,3-Dichloropropene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Trichloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Dibromochloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,2-Trichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Benzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
trans-1,3-Dichloropropene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromoform	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
4-Methyl-2-pentanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
2-Hexanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Tetrachloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,2,2-Tetrachloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Toluene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chlorobenzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Ethylbenzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Styrene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Xylenes (total)	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
TOTAL VOCs	ug/kg	ND	ND	1000	9800	400	2500	NA
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	ND	NA

TABLE 6.6
CUMMULATIVE TOTAL - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Volatile Organic Compounds			
Chloromethane	ug/kg		
Bromomethane	ug/kg		
Vinyl Chloride	ug/kg		
Chloroethane	ug/kg		
Methylene Chloride	ug/kg		
Acetone	ug/kg		
Carbon Disulfide	ug/kg		
1,1-Dichloroethene	ug/kg		
1,1-Dichloroethane	ug/kg		
1,2-Dichloroethene (total)	ug/kg		
Chloroform	ug/kg		
1,2-Dichloroethane	ug/kg		
2-Butanone	ug/kg		
1,1,1-Trichloroethane	ug/kg		
Carbon Tetrachloride	ug/kg		
Bromodichloromethane	ug/kg		
1,2-Dichloropropane	ug/kg		
cis-1,3-Dichloropropene	ug/kg		
Trichloroethene	ug/kg		
Dibromochloromethane	ug/kg		
1,1,2-Trichloroethane	ug/kg		
Benzene	ug/kg		
trans-1,3-Dichloropropene	ug/kg		
Bromoform	ug/kg		
4-Methyl-2-pentanone	ug/kg		
2-Hexanone	ug/kg		
Tetrachloroethene	ug/kg		
1,1,2,2-Tetrachloroethane	ug/kg		
Toluene	ug/kg		
Chlorobenzene	ug/kg		
Ethylbenzene	ug/kg		
Styrene	ug/kg		
Xylenes (total)	ug/kg		
TOTAL VOCs	ug/kg	NA	NA
TOTAL BTEX	ug/kg	NA	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB92-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromomethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Vinyl Chloride	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Chloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Methylene Chloride	ug/kg	14 UB	9 UB	28 J1	12 UB	140 J10	68 J1	100 J1
Acetone	ug/kg	11 UJ9	12 UJ9	1700	12 UJ9	18000 DJ2	10000 DJ2	4700 DJ2
Carbon Disulfide	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1-Dichloroethene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1-Dichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Chloroform	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
2-Butanone	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Carbon Tetrachloride	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromodichloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloropropane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Trichloroethene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Dibromochloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Benzene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromoform	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
2-Hexanone	ug/kg	11 UJ9	12 UJ9	120 UJ9	12 UJ9	150 UJ9	110 UJ9	120 UJ9
Tetrachloroethene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Toluene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Chlorobenzene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Ethylbenzene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Styrene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Xylenes (total)	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
TOTAL VOCs	ug/kg	ND	ND	1728	ND	18140	10068	4800
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Bromomethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Vinyl Chloride	ug/kg	12 U	12 U	120 U	11 U		11 U	
Chloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Methylene Chloride	ug/kg	25 UB	11 J1	120 U	11 U		11 U	
Acetone	ug/kg	12 UJ9	12 U	490 UB	11 U		11 U	
Carbon Disulfide	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,1-Dichloroethene	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,1-Dichloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	120 U	11 U		11 U	
Chloroform	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,2-Dichloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
2-Butanone	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,1-Trichloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Carbon Tetrachloride	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Bromodichloromethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,2-Dichloropropane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
cis-1,3-Dichloropropene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Trichloroethene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Dibromochloromethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,2-Trichloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Benzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
trans-1,3-Dichloropropene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Bromoform	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
2-Hexanone	ug/kg	12 UJ10	12 U	120 UJ9	11 U		11 U	
Tetrachloroethene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,2,2-Tetrachloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Toluene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Chlorobenzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Ethylbenzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Styrene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Xylenes (total)	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
TOTAL VOCs	ug/kg	ND	11	ND	ND	NA	ND	NA
TOTAL BTEX	ug/kg	ND	ND	ND	ND	NA	ND	NA

TABLE 5.6
CUMMULATIVE TOTAL - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromomethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Vinyl Chloride	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Methylene Chloride	ug/kg	40 U	26 UB	10 UB	53 UB	1400 U	11 U	120 U
Acetone	ug/kg	760	60 U	18 UB	2000 J9	9100	9 J1	1400
Carbon Disulfide	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1-Dichloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1-Dichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloroethene (total)	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chloroform	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
2-Butanone	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,1-Trichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Carbon Tetrachloride	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromodichloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloropropane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
cis-1,3-Dichloropropene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Trichloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Dibromochloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,2-Trichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Benzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
trans-1,3-Dichloropropene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromoform	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
4-Methyl-2-pentanone	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
2-Hexanone	ug/kg	40 U	60 U	12 UJ9	210 UJ9	1400 U	11 U	120 U
Tetrachloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Toluene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chlorobenzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Ethylbenzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Styrene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Xylenes (total)	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
TOTAL VOCs	ug/kg	760	ND	ND	2000	9100	9	1400
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Volatile Organic Compounds								
Chloromethane	ug/kg							
Bromomethane	ug/kg							
Vinyl Chloride	ug/kg							
Chloroethane	ug/kg							
Methylene Chloride	ug/kg							
Acetone	ug/kg							
Carbon Disulfide	ug/kg							
1,1-Dichloroethene	ug/kg							
1,1-Dichloroethane	ug/kg							
1,2-Dichloroethene (total)	ug/kg							
Chloroform	ug/kg							
1,2-Dichloroethane	ug/kg							
2-Butanone	ug/kg							
1,1,1-Trichloroethane	ug/kg							
Carbon Tetrachloride	ug/kg							
Bromodichloromethane	ug/kg							
1,2-Dichloropropane	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Trichloroethene	ug/kg							
Dibromochloromethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
Benzene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
Bromoform	ug/kg							
4-Methyl-2-pentanone	ug/kg							
2-Hexanone	ug/kg							
Tetrachloroethene	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
Toluene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Styrene	ug/kg							
Xylenes (total)	ug/kg							
TOTAL VOCs	ug/kg	NA	NA	NA	NA	NA	NA	NA
TOTAL BTEX	ug/kg	NA	NA	NA	NA	NA	NA	NA

TABLE 5.3
CUMMULATIVE TOTAL - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB91-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromomethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Vinyl Chloride	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Methylene Chloride	ug/kg	10 UB	11 UB	30 UB	7 J10	14000 U	15000 U	1500 U
Acetone	ug/kg	11 UJ9	12 UJ9	120 UB	440 J7	14000 U	6700 J1	5900
Carbon Disulfide	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1-Dichloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1-Dichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chloroform	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
2-Butanone	ug/kg	11 U	12 U	76 U	34 J1	14000 U	15000 U	1500 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Carbon Tetrachloride	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromodichloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloropropane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Trichloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Dibromochloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Benzene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1800
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromoform	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	76 U	25 J1	14000 U	15000 U	1500 U
2-Hexanone	ug/kg	11 UJ9	12 UJ9	76 UJ9	36 U	14000 U	15000 U	1500 U
Tetrachloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Toluene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chlorobenzene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Ethylbenzene	ug/kg	11 U	12 U	76 U	36 U	27000	8400 J1	16000
Styrene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Xylenes (total)	ug/kg	11 U	12 U	76 U	36 U	56000	17000	13000
TOTAL VOCs	ug/kg	ND	ND	ND	506	83000	32100	36700
TOTAL BTEX	ug/kg	ND	ND	ND	ND	83000	25400	30800

TABLE 5.6
CUMMULATIVE TOTAL - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB03-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromomethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Vinyl Chloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Chloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Methylene Chloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Acetone	ug/kg	670	740	800	1600	10 U	11 U	800 J7
Carbon Disulfide	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1-Dichloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1-Dichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,2-Dichloroethene (total)	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Chloroform	ug/kg	54 U	53 U	61 U	41 J1	10 U	11 U	40 U
1,2-Dichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
2-Butanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,1-Trichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Carbon Tetrachloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromodichloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,2-Dichloropropane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
cis-1,3-Dichloropropene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Trichloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Dibromochloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,2-Trichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Benzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
trans-1,3-Dichloropropene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromoform	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
4-Methyl-2-pentanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
2-Hexanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Tetrachloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,2,2-Tetrachloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Toluene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	9 J1
Chlorobenzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Ethylbenzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	41 J7
Styrene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Xylenes (total)	ug/kg	54 U	53 U	61 U	120 U	10 U	7 J1	36 J10
TOTAL VOCs	ug/kg	670	740	800	1641	ND	7	886
TOTAL BTEX	ug/kg	ND	ND	ND	ND	ND	7	86

TABLE 5
CUMMULATIVE TOTAL - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB94-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromomethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Vinyl Chloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Chloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Methylene Chloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Acetone	ug/kg	130 J7	10 J1	730	200			5600 U
Carbon Disulfide	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1-Dichloroethene	ug/kg	12 U	10 U	57 U	12 U			8500
1,1-Dichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,2-Dichloroethene (total)	ug/kg	12 U	10 U	57 U	12 U			5600 U
Chloroform	ug/kg	12 U	3 J1	57 U	12 U			5600 U
1,2-Dichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
2-Butanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,1-Trichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Carbon Tetrachloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromodichloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,2-Dichloropropane	ug/kg	12 U	10 U	57 U	12 U			5600 U
cis-1,3-Dichloropropene	ug/kg	12 U	10 U	57 U	12 U			5600 U
Trichloroethene	ug/kg	12 U	10 U	57 U	12 U			7900
Dibromochloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,2-Trichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Benzene	ug/kg	12 U	10 U	57 U	12 U			57000
trans-1,3-Dichloropropene	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromoform	ug/kg	12 U	10 U	57 U	12 U			5600 U
4-Methyl-2-pentanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
2-Hexanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
Tetrachloroethene	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Toluene	ug/kg	12 U	10 U	57 U	12 U			68000
Chlorobenzene	ug/kg	12 U	10 U	57 U	12 U			8000
Ethylbenzene	ug/kg	8 J10	10 U	57 U	12 U			17000
Styrene	ug/kg	12 U	10 U	57 U	12 U			26000
Xylenes (total)	ug/kg	7 J10	10 U	57 U	12 U			80000
TOTAL VOCs	ug/kg	145	13	730	200	NA	NA	272400
TOTAL BTEX	ug/kg	15	ND	ND	ND	NA	NA	222000

TABLE 5.8
CUMMULATIVE TOTAL - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Volatile Organic Compounds								
Chloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromomethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Vinyl Chloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Chloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Methylene Chloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Acetone	ug/kg	25000	13 U		1400 J1	1600	1700	200 J4
Carbon Disulfide	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1-Dichloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1-Dichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,2-Dichloroethene (total)	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Chloroform	ug/kg	1300 U	8 J1		1500 U	1400 U	1600 U	11 U
1,2-Dichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
2-Butanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1,1-Trichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Carbon Tetrachloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromodichloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,2-Dichloropropane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
cis-1,3-Dichloropropene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Trichloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Dibromochloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1,2-Trichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Benzene	ug/kg	1300 U	13 U		1500 U	500 J1	1600 U	11 U
trans-1,3-Dichloropropene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromoform	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
4-Methyl-2-pentanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	4 J10
2-Hexanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Tetrachloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
1,1,2,2-Tetrachloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Toluene	ug/kg	1300 U	4 J1		1500 U	730 J1	1600 U	11 UJ9
Chlorobenzene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Ethylbenzene	ug/kg	1300 U	8 J1		1500 U	740 J1	1600 U	11 UJ9
Styrene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Xylenes (total)	ug/kg	1300 U	38		1500 U	3100	1600 U	11 UJ9
TOTAL VOCs	ug/kg	25000	58	NA	1400	6670	1700	204
TOTAL BTEX	ug/kg	ND	50	NA	ND	5070	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
LOCATION:		SCG-SB09	SCG-SB09	SCG-SB09
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	8 to 10 feet
SAMPLE DATE:		06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129004	A7F170129005	A7F170129006
EPA SAMPLE ID:		F172904	F172905	F172906
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS11	AS11
Volatile Organic Compounds				
Chloromethane	ug/kg	11 U	13 U	14 U
Bromomethane	ug/kg	11 U	13 U	14 U
Vinyl Chloride	ug/kg	11 U	13 U	14 U
Chloroethane	ug/kg	11 U	13 U	14 U
Methylene Chloride	ug/kg	11 U	13 U	14 U
Acetone	ug/kg	180	90	190
Carbon Disulfide	ug/kg	11 U	13 U	14 U
1,1-Dichloroethene	ug/kg	11 U	13 U	14 U
1,1-Dichloroethane	ug/kg	11 U	13 U	14 U
1,2-Dichloroethene (total)	ug/kg	11 U	13 U	14 U
Chloroform	ug/kg	11 U	3 J1	3 J1
1,2-Dichloroethane	ug/kg	11 U	13 U	14 U
2-Butanone	ug/kg	11 U	13 U	12 J1
1,1,1-Trichloroethane	ug/kg	11 U	13 U	14 U
Carbon Tetrachloride	ug/kg	11 U	13 U	14 U
Bromodichloromethane	ug/kg	11 U	13 U	14 U
1,2-Dichloropropane	ug/kg	11 U	13 U	14 U
cis-1,3-Dichloropropene	ug/kg	11 U	13 U	14 U
Trichloroethene	ug/kg	11 U	13 U	14 U
Dibromochloromethane	ug/kg	11 U	13 U	14 U
1,1,2-Trichloroethane	ug/kg	11 U	13 U	14 U
Benzene	ug/kg	7 J1	13 U	14 U
trans-1,3-Dichloropropene	ug/kg	11 U	13 U	14 U
Bromoform	ug/kg	11 U	13 U	14 U
4-Methyl-2-pentanone	ug/kg	11 U	13 U	14 UJ9
2-Hexanone	ug/kg	11 U	13 U	14 UJ9
Tetrachloroethene	ug/kg	11 U	13 U	14 UJ9
1,1,2,2-Tetrachloroethane	ug/kg	11 U	13 U	14 UJ9
Toluene	ug/kg	5 J1	13 U	14 UJ9
Chlorobenzene	ug/kg	11 U	13 U	14 UJ9
Ethylbenzene	ug/kg	11 U	13 U	14 UJ9
Styrene	ug/kg	11 U	13 U	14 UJ9
Xylenes (total)	ug/kg	3 J1	13 U	14 UJ9
TOTAL VOCs	ug/kg	195	93	205
TOTAL BTEX	ug/kg	15	ND	ND

TABLE 5.8
CUMMULATIVE TOTAL - BACKGROUND SOILS
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Volatile Organic Compounds				
Chloromethane	ug/kg	12 U	12 U	62 U
Bromomethane	ug/kg	12 U	12 U	62 U
Vinyl Chloride	ug/kg	12 U	12 U	62 U
Chloroethane	ug/kg	12 U	12 U	62 U
Methylene Chloride	ug/kg	8 J1	8 J1	62 U
Acetone	ug/kg	12 U	44	960
Carbon Disulfide	ug/kg	12 U	12 U	62 U
1,1-Dichloroethene	ug/kg	12 U	12 U	62 U
1,1-Dichloroethane	ug/kg	12 U	12 U	62 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	62 U
Chloroform	ug/kg	33	10 J1	62 U
1,2-Dichloroethane	ug/kg	12 U	12 U	62 U
2-Butanone	ug/kg	12 U	12 U	62 U
1,1,1-Trichloroethane	ug/kg	12 U	12 U	62 U
Carbon Tetrachloride	ug/kg	5 J1	12 U	62 U
Bromodichloromethane	ug/kg	12 U	12 U	62 U
1,2-Dichloropropane	ug/kg	12 U	12 U	62 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	62 U
Trichloroethene	ug/kg	12 U	12 U	62 U
Dibromochloromethane	ug/kg	12 U	12 U	62 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	62 U
Benzene	ug/kg	12 U	12 U	62 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	62 U
Bromoform	ug/kg	12 U	12 U	62 U
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 UJ9	62 U
2-Hexanone	ug/kg	12 UJ9	12 UJ9	62 U
Tetrachloroethene	ug/kg	12 UJ9	12 UJ9	62 U
1,1,2,2-Tetrachloroethane	ug/kg	12 UJ9	12 UJ9	62 U
Toluene	ug/kg	12 UJ9	12 UJ9	62 U
Chlorobenzene	ug/kg	12 UJ9	12 UJ9	62 U
Ethylbenzene	ug/kg	12 UJ9	12 UJ9	62 U
Styrene	ug/kg	12 UJ9	12 UJ9	62 U
Xylenes (total)	ug/kg	12 UJ9	12 UJ9	62 U
TOTAL VOCs	ug/kg	46	62	960
TOTAL BTEX	ug/kg	ND	ND	ND

TABLE 5.6
CUMMULATIVE TOTAL - GROUNDWATER
VOLATILE ORGANIC COMPOUNDS/BTEX
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97	TB2-6/6/97	TB1-6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCG-SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Volatile Organic Compounds							
Chloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	500 U	10 U	10 U	3 J1	10 U	10 U
Acetone	ug/L	500 U	10	6 J1	10 U	10 U	10 U
Carbon Disulfide	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Chloroform	ug/L	500 U	10 U	10 U	17	10 U	10 U
1,2-Dichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1300	3 J1	2 J1	10 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L	730	3 J1	3 J1	10 U	10 U	10 U
Chlorobenzene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	800	8 J1	11	10 U	10 U	10 U
Styrene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	ug/L	2500	14	19	10 U	10 U	10 U
TOTAL VOCs	ug/kg	5330	38	41	20	ND	ND
TOTAL BTEX	ug/kg	5330	28	35	ND	ND	ND

NOTES:

All Feld Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	120	65	20000	25000	130	260	6600
Chrysene	0.001	1.1	0.59	230	270	1.3	2.4	33
Benzo(b)fluoranthene	0.1	160	80	24000	30000	160	270	4900
Benzo(k)fluoranthene	0.01	5.4	2.7	690	1200	6.5	9.7	180
Benzo(a)pyrene	1	1100	590	150000	190000	1200	2000	33000
Indeno(1,2,3-cd)pyrene	0.1	58	27	8200	10000	65	110	1200
Dibenz(a,h)anthracene	1	140	81	--	--	190	290	--
BAP (ug/kg)		**1100**	**590**	**150000**	**190000**	**1200**	**2000**	**33000**
TOTAL BAPeq (ug/kg)		**1584.5**	**846.29**	**203120**	**256470**	**1752.8**	**2942.1**	**45913**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	62	86	5300	84	140	2500	--
Chrysene	0.001	0.57	0.68	46	0.75	1.3	26	--
Benzo(b)fluoranthene	0.1	93	96	3800	110	160	2200	21
Benzo(k)fluoranthene	0.01	2.6	4	180	3.1	5.5	--	0.84
Benzo(a)pyrene	1	670	750	32000	730	1200	18000	160
Indeno(1,2,3-cd)pyrene	0.1	34	38	--	38	51	--	9.8
Dibenz(a,h)anthracene	1	59	54	--	150	140	--	--
BAP (ug/kg)		670	750	32000	730	1200	18000	160
TOTAL BAPeq (ug/kg)		921.17	1028.68	41326	1115.65	1697.8	22726	191.64

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1	11	250	35	300	260	180	90
Chrysene	0.001	0.13	3.1	0.38	3.2	2.6	1.6	0.86
Benzo(b)fluoranthene	0.1	14	--	47	310	410	280	120
Benzo(k)fluoranthene	0.01	0.46	--	1.6	13	13	7.4	3.5
Benzo(a)pyrene	1	110	--	360	2400	3100	2000	850
Indeno(1,2,3-cd)pyrene	0.1	6.4	--	21	110	170	110	42
Dibenz(a,h)anthracene	1	--	--	81	300	530	320	200
BAP (ug/kg)		**110**	**ND**	**360**	**2400**	**3100**	**2000**	**850**
TOTAL BAPeq (ug/kg)		**141.99**	**253.1**	**545.98**	**3436.2**	**4485.6**	**2899**	**1306.36**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1	91		13000		57	54	11000
Chrysene	0.001	0.88		130		0.62	0.5	110
Benzo(b)fluoranthene	0.1	100		12000		74	75	8400
Benzo(k)fluoranthene	0.01	2.7		500		2.2	2.1	300
Benzo(a)pyrene	1	730		110000		550	510	68000
Indeno(1,2,3-cd)pyrene	0.1	37		4100		30	38	2300
Dibenz(a,h)anthracene	1	81		15000		76	110	--
BAP (ug/kg)		730	NA	110000	NA	550	510	68000
TOTAL BAPeq (ug/kg)		1042.68	NA	154730	NA	789.82	789.6	90110

RP = Relative Potency compared to benzo(a)pyrene

TABLE ...
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB99-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1	84	5700	7500	170	51	14000	4.7
Chrysene	0.001	0.79	56	77	1.9	0.57	130	0.053
Benzo(b)fluoranthene	0.1	95	5800	8300	190	74	12000	--
Benzo(k)fluoranthene	0.01	3.5	240	300	6.5	2.6	530	--
Benzo(a)pyrene	1	680	46000	62000	1200	480	96000	--
Indeno(1,2,3-cd)pyrene	0.1	48	2100	2700	58	39	5200	--
Dibenz(a,h)anthracene	1	--	5700	8600	220	--	15000	--
BAP (ug/kg)		**680**	**46000**	**62000**	**1200**	**480**	**96000**	**ND**
TOTAL BAPeq (ug/kg)		**911.29**	**65596**	**89477**	**1846.4**	**647.17**	**142860**	**4.753**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	54	130	22000	730	90	880	7.7
Chrysene	0.001	0.51	1.2	210	6.7	0.71	6	0.085
Benzo(b)fluoranthene	0.1	70	120	17000	580	82	640	11
Benzo(k)fluoranthene	0.01	2.1	4.9	820	23	3.3	26	--
Benzo(a)pyrene	1	480	950	140000	4700	650	4900	78
Indeno(1,2,3-cd)pyrene	0.1	26	42	4300	150	23	--	--
Dibenz(a,h)anthracene	1	67	110	--	640	53	--	--
BAP (ug/kg)		480	950	140000	4700	650	4900	78
TOTAL BAPeq (ug/kg)		699.61	1358.1	184330	6829.7	902.01	6452	96.785

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	55	24	2700	--	--		15
Chrysene	0.001	0.49	0.22	26	--	0.046		0.18
Benzo(b)fluoranthene	0.1	57	24	2700	--	4.3		33
Benzo(k)fluoranthene	0.01	1.8	0.95	82	--	--		1.2
Benzo(a)pyrene	1	410	190	19000	--	--		300
Indeno(1,2,3-cd)pyrene	0.1	16	7.2	760	--	--		13
Dibenz(a,h)anthracene	1	--	--	2900	--	--		--
BAP (ug/kg)		**410**	**190**	**19000**	**ND**	**ND**	**NA**	**300**
TOTAL BAPeq (ug/kg)		**540.29**	**246.37**	**28168**	**ND**	**4.346**	**NA**	**362.38**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097817	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1		420		120	230	22	3200
Chrysene	0.001		4.4		1.1	2.3	0.28	--
Benzo(b)fluoranthene	0.1		550		130	230	34	--
Benzo(k)fluoranthene	0.01		18		4.4	8.2	1.2	--
Benzo(a)pyrene	1		4000		1100	1900	240	--
Indeno(1,2,3-cd)pyrene	0.1		190		63	93	16	--
Dibenz(a,h)anthracene	1		700		110	180	--	--
BAP (ug/kg)		**NA**	**4000**	**NA**	**1100**	**1900**	**240**	**ND**
TOTAL BAPeq (ug/kg)		**NA**	**5882.4**	**NA**	**1528.5**	**2643.6**	**313.48**	**3200**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA A SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		F184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Benzo(a)Pyrene Equivalents (ug/kg)	RP*				
Benzo(a)Anthracene	0.1		30	110	2500
Chrysene	0.001		0.36	1.2	25
Benzo(b)fluoranthene	0.1		43	150	2000
Benzo(k)fluoranthene	0.01		1.6	5.7	95
Benzo(a)pyrene	1		310	1100	14000
Indeno(1,2,3-cd)pyrene	0.1		16	54	590
Dibenz(a,h)anthracene	1		--	--	1600
BAP (ug/kg)		**NA**	**310**	**1100**	**14000**
TOTAL BAPeq (ug/kg)		**NA**	***400.96***	**1420.9**	**20810**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA B SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB01-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1	1000	4100	1500	2300	3200		16000
Chrysene	0.001	12	48	18	23	35		110
Benzo(b)fluoranthene	0.1	1700	4200	1500	3100	4500		12000
Benzo(k)fluoranthene	0.01	62	180	59	100	140		490
Benzo(a)pyrene	1	13000	34000	12000	21000	34000		89000
Indeno(1,2,3-cd)pyrene	0.1	650	1300	450	980	1500		3000
Dibenz(a,h)anthracene	1	1700	--	--	2800	4400		--
BAP (ug/kg)		13000	34000	12000	21000	34000	NA	89000
TOTAL BAPeq (ug/kg)		18124	43828	16527	30303	47775	NA	120600

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.1
CUMULATIVE TOTALS - AREA B SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1		620	34000	20000	440	3000	31000
Chrysene	0.001		7.5	380	180	4.6	28	280
Benzo(b)fluoranthene	0.1		920	45000	17000	630	4400	35000
Benzo(k)fluoranthene	0.01		35	1700	640	21	140	1200
Benzo(a)pyrene	1		7100	290000	150000	4000	30000	310000
Indeno(1,2,3-cd)pyrene	0.1		340	13000	7400	180	1600	16000
Dibenz(a,h)anthracene	1		840	37000	22000	560	3800	37000
BAP (ug/kg)		**NA**	**7100**	**290000**	**150000**	**4000**	**30000**	**310000**
TOTAL BAPeq (ug/kg)		**NA**	**9862.5**	**421080**	**217220**	**5835.6**	**42968**	**430480**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA B SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	37	39	29	78	16	10	--
Chrysene	0.001	0.44	0.48	0.39	1	0.19	0.11	--
Benzo(b)fluoranthene	0.1	50	46	43	110	23	11	--
Benzo(k)fluoranthene	0.01	2.1	2.1	2	3.9	0.88	0.49	--
Benzo(a)pyrene	1	370	400	320	760	150	100	--
Indeno(1,2,3-cd)pyrene	0.1	16	20	19	42	8.1	6.6	--
Dibenz(a,h)anthracene	1	57	52	55	110	--	--	--
BAP (ug/kg)		370	400	320	760	150	100	ND
TOTAL BAPeq (ug/kg)		532.54	561.68	468.39	1104.9	198.17	128.2	ND

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA B SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Benzo(a)Pyrene Equivalents (ug/kg)	RP*						
Benzo(a)Anthracene	0.1	380	270	--	4600	440	930
Chrysene	0.001	4.1	3.1	--	50	4.4	7.9
Benzo(b)fluoranthene	0.1	400	270	--	5300	550	630
Benzo(k)fluoranthene	0.01	15	9.6	--	190	24	26
Benzo(a)pyrene	1	3200	2100	--	44000	3900	5100
Indeno(1,2,3-cd)pyrene	0.1	200	130	--	2900	300	240
Dibenz(a,h)anthracene	1	580	330	--	6800	1000	--
BAP (ug/kg)		**3200**	**2100**	**ND**	**44000**	**3900**	**5100**
TOTAL BAPeq (ug/kg)		**4779.1**	**3112.7**	**ND**	**63840**	**6218.4**	**6933.9**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.1
CUMULATIVE TOTALS - AREA C SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Benzo(a)Pyrene Equivalents (ug/kg)	RP*							
Benzo(a)Anthracene	0.1	100	3500	1500	820	6000	16000	590
Chrysene	0.001	1.2	41	18	9.8	70	170	6.8
Benzo(b)fluoranthene	0.1	150	6000	1000	940	9300	12000	1000
Benzo(k)fluoranthene	0.01	5.4	180	40	35	280	430	29
Benzo(a)pyrene	1	1100	44000	12000	6500	66000	130000	7100
Indeno(1,2,3-cd)pyrene	0.1	62	2300	330	300	3300	4300	350
Dibenz(a,h)anthracene	1	190	5600	--	800	8400	--	980
BAP (ug/kg)		1100	44000	12000	6500	66000	130000	7100
TOTAL BAPeq (ug/kg)		1808.6	61621	14888	9404.8	93350	182900	10085.8

RP = Relative Potency compared to *benzo(a)pyrene*

TABLE 5.7
CUMULATIVE TOTALS - AREA C SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB94-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***							
Benzo(a)Anthracene	0.1	51		12000		130	150	2300
Chrysene	0.001	0.69		120		1.4	1.8	23
Benzo(b)fluoranthene	0.1	89		10000		180	180	2500
Benzo(k)fluoranthene	0.01	2.6		430		5.3	6.3	170
Benzo(a)pyrene	1	600		97000		1300	1400	24000
Indeno(1,2,3-cd)pyrene	0.1	37		3200		52	100	1000
Dibenz(a,h)anthracene	1	100		--		100	220	--
BAP (ug/kg)		**600**	**NA**	**97000**	**NA**	**1300**	**1400**	**24000**
TOTAL BAPeq (ug/kg)		**880.29**	**NA**	**122750**	**NA**	**1768.7**	**2058.1**	**29993**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE
CUMULATIVE TOTALS - AREA C SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCC-SB04-SS01-14/16
	LOCATION:	SCC-SB04
	DEPTH RANGE:	14 to 16 feet
	SAMPLE DATE:	05/12/97
	MATRIX:	Soil
	SAMPLE TYPE:	Field Sample
	LAB SAMPLE ID:	A7E140163020
	EPA SAMPLE ID:	E146320
	SAMPLE TYPE:	N1
	SDG NO:	AS06
Benzo(a)Pyrene Equivalents (ug/kg)	**RP***	
Benzo(a)Anthracene	0.1	3100
Chrysene	0.001	29
Benzo(b)fluoranthene	0.1	1000
Benzo(k)fluoranthene	0.01	84
Benzo(a)pyrene	1	27000
Indeno(1,2,3-cd)pyrene	0.1	830
Dibenz(a,h)anthracene	1	..
BAP (ug/kg)		**27000**
TOTAL BAPeq (ug/kg)		**32643**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA D SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	53	35		64		20	9.9
Chrysene	0.001	0.58	0.35		0.54		0.21	0.1
Benzo(b)fluoranthene	0.1	60	43		54		25	12
Benzo(k)fluoranthene	0.01	2.4	2		1.7		1	0.56
Benzo(a)pyrene	1	490	310		390		200	96
Indeno(1,2,3-cd)pyrene	0.1	21	14		19		10	4.2
Dibenz(a,h)anthracene	1	--	--		--		--	--
BAP (ug/kg)		**490**	**310**	**NA**	**390**	**NA**	**200**	**96**
TOTAL BAPeq (ug/kg)		**626.98**	**404.35**	**NA**	**529.24**	**NA**	**256.21**	**122.76**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA D SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID		SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
LOCATION		SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
DEPTH RANGE		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX		Soil	Soil	Soil	Soil
SAMPLE TYPE		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID		E123804	E146315	E146316	E146317
SAMPLE TYPE		N1	N1	N1	N1
SDG NO		AS05	AS06	AS06	AS06
Benzo(a)Pyrene Equivalents (ug/k	**RP***				
Benzo(a)Anthracene	0.1	19	87	18	6700
Chrysene	0.001	0.16	0.84	0.19	86
Benzo(b)fluoranthene	0.1	21	86	15	--
Benzo(k)fluoranthene	0.01	0.71	4.1	0.83	--
Benzo(a)pyrene	1	160	840	190	--
Indeno(1,2,3-cd)pyrene	0.1	9.2	32	12	--
Dibenz(a,h)anthracene	1	--	--	--	--
BAP (ug/kg)		**160**	**840**	**190**	**ND**
TOTAL BAPeq (ug/kg)		**210.07**	**1049.94**	**236.02**	**6786**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA E SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Benzo(a)Pyrene Equivalents (ug/k	RP*							
Benzo(a)Anthracene	0.1	6.1	15	24	40	50	11000	28
Chrysene	0.001	0.072	0.16	0.24	0.37	0.51	120	0.23
Benzo(b)fluoranthene	0.1	8.5	20	28	40	64	11000	29
Benzo(k)fluoranthene	0.01	--	0.74	1.4	1.4	1.9	570	0.97
Benzo(a)pyrene	1	68	120	180	330	520	110000	230
Indeno(1,2,3-cd)pyrene	0.1	--	7.2	9.3	15	20	4700	14
Dibenz(a,h)anthracene	1	--	--	--	--	45	--	--
BAP (ug/kg)		**68**	**120**	**180**	**330**	**520**	**110000**	**230**
TOTAL BAPeq (ug/kg)		**82.672**	**163.1**	**242.94**	**426.77**	**701.41**	**137390**	**302.2**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE ..
CUMULATIVE TOTALS - AREA E SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB03-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Benzo(a)Pyrene Equivalents (ug/k	RP*							
Benzo(a)Anthracene	0.1	93	380	--	110	13000	9.6	--
Chrysene	0.001	0.8	3.5	--	1.2	160	0.12	--
Benzo(b)fluoranthene	0.1	120	640	--	120	14000	15	--
Benzo(k)fluoranthene	0.01	4.6	24	--	4.7	620	0.47	--
Benzo(a)pyrene	1	1200	5200	--	1100	130000	88	--
Indeno(1,2,3-cd)pyrene	0.1	64	250	--	50	5500	--	--
Dibenz(a,h)anthracene	1	120	530	--	--	16000	--	--
BAP (ug/kg)		1200	5200	ND	1100	130000	88	ND
TOTAL BAPeq (ug/kg)		1602.4	7027.5	ND	1385.9	179280	113.19	ND

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA E SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
	LOCATION:	SCE-SB05	SCE-SB05
	DEPTH RANGE:	1 to 2 feet	6 to 8 feet
	SAMPLE DATE:	05/14/97	05/14/97
	MATRIX:	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample
	LAB SAMPLE ID:	A7E190102006	A7E190102007
	EPA SAMPLE ID:	E190206	E190207
	SAMPLE TYPE:	N1	N1
	SDG NO:	AS08	AS08
Benzo(a)Pyrene Equivalents (ug/k	**RP***		
Benzo(a)Anthracene	0.1	9	2700
Chrysene	0.001	0.12	27
Benzo(b)fluoranthene	0.1	14	3200
Benzo(k)fluoranthene	0.01	0.6	130
Benzo(a)pyrene	1	88	27000
Indeno(1,2,3-cd)pyrene	0.1	--	1300
Dibenz(a,h)anthracene	1	--	3800
BAP (ug/kg)		**88**	**27000**
TOTAL BAPeq (ug/kg)		**111.72**	**38157**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA F SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	270	47	--	4.7	--	--	--
Chrysene	0.001	2.4	0.30	--	0.045	0.051	--	--
Benzo(b)fluoranthene	0.1	290	66	--	6.2	6	--	--
Benzo(k)fluoranthene	0.01	11	1.7	--	--	--	--	--
Benzo(a)pyrene	1	2500	420	--	55	--	--	--
Indeno(1,2,3-cd)pyrene	0.1	89	25	--	--	--	--	--
Dibenz(a,h)anthracene	1	380	--	--	--	--	--	--
BAP (ug/kg)		**2500**	**420**	**ND**	**55**	**ND**	**ND**	**ND**
TOTAL BAPeq (ug/kg)		**3542.4**	**560.06**	**ND**	**65.945**	**6.051**	**ND**	**ND**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA F SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	--	7.8	--	26	8.3		24000
Chrysene	0.001	--	0.077	--	0.25	0.079		240
Benzo(b)fluoranthene	0.1	4.9	11	--	29	9.5		24000
Benzo(k)fluoranthene	0.01	--	0.45	--	0.9	0.47		1100
Benzo(a)pyrene	1	--	78	--	260	110		230000
Indeno(1,2,3-cd)pyrene	0.1	--	4.5	--	14	6.2		9600
Dibenz(a,h)anthracene	1	--	--	--	--	--		34000
BAP (ug/kg)		**ND**	**78**	**ND**	**260**	**110**	**NA**	**230000**
TOTAL BAPeq (ug/kg)		**4.9**	**101.827**	**ND**	**330.15**	**134.549**	**NA**	**322940**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA F SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Benzo(a)Pyrene Equivalens (ug/k	RP*							
Benzo(a)Anthracene	0.1		4.3	..	450	790	3300	..
Chrysene	0.001		0.052	0.042	3.8	8.2	39	..
Benzo(b)fluoranthene	0.1		/	5.2	460	1600	5900	..
Benzo(k)fluoranthene	0.01		..	..	9.7	50	160	..
Benzo(a)pyrene	1			..	3400	11000	40000	..
Indeno(1,2,3-cd)pyrene	0.1			..	150	690	1800	..
Dibenz(a,h)anthracene	1		.	..	430	1400	6100	..
BAP (ug/kg)		NA	ND	ND	3400	11000	40000	ND
TOTAL BAPeq (ug/kg)		NA	11.352	5.242	4903.6	16538.2	57299	ND

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA F SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Benzo(a)Pyrene Equivalents (ug/k	RP*							
Benzo(a)Anthracene	0.1	33	21	120	24	1000	630	--
Chrysene	0.001	0.33	0.22	1.2	0.27	11	6.5	--
Benzo(b)fluoranthene	0.1	42	28	120	31	1800	910	--
Benzo(k)fluoranthene	0.01	1.2	1.1	3.8	1.3	64	37	--
Benzo(a)pyrene	1	300	190	940	260	14000	7000	--
Indeno(1,2,3-cd)pyrene	0.1	17	10	43	20	860	440	--
Dibenz(a,h)anthracene	1	--	--	120	--	2000	830	--
BAP (ug/kg)		**300**	**190**	**940**	**260**	**14000**	**7000**	**ND**
TOTAL BAPeq (ug/kg)		**393.53**	**250.32**	**1348**	**336.57**	**19735**	**9853.5**	**ND**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA G SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB01-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	8	5.4	39	59	9600	25000	60
Chrysene	0.001	0.11	0.067	0.43	0.63	98	250	0.62
Benzo(b)fluoranthene	0.1	15	7.9	50	89	13000	21000	39
Benzo(k)fluoranthene	0.01	--	--	1.6	2.7	590	850	--
Benzo(a)pyrene	1	66	60	370	610	100000	160000	410
Indeno(1,2,3-cd)pyrene	0.1	--	--	16	26	4300	5400	--
Dibenz(a,h)anthracene	1	--	--	83	89	12000	--	--
BAP (ug/kg)		**66**	**60**	**370**	**610**	**100000**	**160000**	**410**
TOTAL BAPeq (ug/kg)		**111.11**	**73.367**	**560.03**	**876.33**	**139588**	**212500**	**509.62**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA G SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	2500	3200	2200	430	420	14000	270000
Chrysene	0.001	24	34	21	4.2	4.6	130	2700
Benzo(b)fluoranthene	0.1	4100	6500	2600	430	790	27000	260000
Benzo(k)fluoranthene	0.01	150	220	86	18	24	940	14000
Benzo(a)pyrene	1	36000	57000	18000	3100	5500	220000	2400000
Indeno(1,2,3-cd)pyrene	0.1	1700	2800	660	110	320	11000	90000
Dibenz(a,h)anthracene	1	5200	9100	--	--	1000	35000	200000
BAP (ug/kg)		**36000**	**57000**	**18000**	**3100**	**5500**	**220000**	**2400000**
TOTAL BAPeq (ug/kg)		**49674**	**78854**	**23567**	**4092.2**	**8058.6**	**308070**	**3236700**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA G SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB04-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	280000	4600	4700	130	600	180	110000
Chrysene	0.001	3900	51	51	1.3	6.1	2.1	1500
Benzo(b)fluoranthene	0.1	240000	6900	7100	190	940	250	140000
Benzo(k)fluoranthene	0.01	13000	220	260	5.8	27	8.4	4800
Benzo(a)pyrene	1	2300000	53000	57000	1300	6600	1800	1100000
Indeno(1,2,3-cd)pyrene	0.1	89000	2200	2700	57	380	110	62000
Dibenz(a,h)anthracene	1	180000	7700	9300	170	760	290	210000
BAP (ug/kg)		**2300000**	**53000**	**57000**	**1300**	**6600**	**1800**	**1100000**
TOTAL BAPeq (ug/kg)		**3106900**	**74671**	**81111**	**1854.1**	**9315.1**	**2640.5**	**1628300**

RP = Relative Potency Compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - AREA G SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Benzo(a)Pyrene Equivalents (ug/k	**RP***							
Benzo(a)Anthracene	0.1	2300	36000		730	42000	--	--
Chrysene	0.001	24	390		7.6	410	--	0.05
Benzo(b)fluoranthene	0.1	3100	42000		900	40000	--	4.6
Benzo(k)fluoranthene	0.01	100	1800		40	1600	--	--
Benzo(a)pyrene	1	24000	390000		6900	350000	--	--
Indeno(1,2,3-cd)pyrene	0.1	1200	18000		270	13000	--	--
Dibenz(a,h)anthracene	1	4100	49000		--	37000	--	--
BAP (ug/kg)		**24000**	**390000**	**NA**	**6900**	**350000**	**ND**	**ND**
TOTAL BAPeq (ug/kg)		**34824**	**537190**	**NA**	**8847.6**	**484010**	**ND**	**4.65**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - AREA G SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
LOCATION:		SCG-SB09	SCG-SB09	SCG-SB09
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	8 to 10 feet
SAMPLE DATE:		06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129004	A7F170129005	A7F170129006
EPA SAMPLE ID:		F172904	F172905	F172906
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS11	AS11
Benzo(a)Pyrene Equivalents (ug/k	**RP***			
Benzo(a)Anthracene	0.1	16000	11	..
Chrysene	0.001	190	0.13	0.056
Benzo(b)fluoranthene	0.1	23000	17	7.1
Benzo(k)fluoranthene	0.01	870	0.58	..
Benzo(a)pyrene	1	160000	120	60
Indeno(1,2,3-cd)pyrene	0.1	6800	6.5	..
Dibenz(a,h)anthracene	1	22000	..	..
BAP (ug/kg)		**160000**	**120**	**60**
TOTAL BAPeq (ug/kg)		**228660**	**155.21**	**67.156**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - BACKGROUND SOILS
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Benzo(a)Pyrene Equivalents (ug/k	RP*			
Benzo(a)Anthracene	0.1	38	--	--
Chrysene	0.001	0.4	--	--
Benzo(b)fluoranthene	0.1	55	5.4	--
Benzo(k)fluoranthene	0.01	1.8	--	--
Benzo(a)pyrene	1	370	45	--
Indeno(1,2,3-cd)pyrene	0.1	16	--	--
Dibenz(a,h)anthracene	1	58	--	--
BAP (ug/kg)		**370**	**45**	**ND**
TOTAL BAPeq (ug/kg)		**539.2**	**50.4**	**ND**

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.7
CUMULATIVE TOTALS - SEDIMENT
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		CI-SD01MMSD	CD-SD02	CD-SD03
LOCATION:		Inlet Location	Upstream Location	Downstream Location
DEPTH RANGE:				
SAMPLE DATE:		05/31/97	05/31/97	05/31/97
MATRIX:		Sediment	Sediment	Sediment
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135002	A7F040135003	A7F040135001
EPA SAMPLE ID:		F043502	F043503	F043501
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS09	AS09	AS09
Benzo(a)Pyrene Equivalents (ug/k	**RP***			
Benzo(a)Anthracene	0.1	890	140	230
Chrysene	0.001	8.9	1.3	2.4
Benzo(b)fluoranthene	0.1	1100	170	200
Benzo(k)fluoranthene	0.01	31	6.1	5.6
Benzo(a)pyrene	1	7000	1200	1500
Indeno(1,2,3-cd)pyrene	0.1	370	50	68
Dibenz(a,h)anthracene	1	1000	140	150
BAP (ug/kg)		**7000**	**1200**	**1500**
TOTAL BAPeq (ug/kg)		**10399.9**	**1707.4**	**2156**

RP = Relative Potency compared to benzo(a)pyrene

TABLE 5.7
CUMULATIVE TOTALS - GROUNDWATER
BENZO(A)PYRENE EQUIVALENTS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97	TB2-6/6/97	TB1-6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCG-SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	quipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Benzo(a)Pyrene Equivalents (ug/k	RP*						
Benzo(a)Anthracene	0.1	--		2	--		
Chrysene	0.001	--		0.02	--		
Benzo(b)fluoranthene	0.1	--		2.2	--		
Benzo(k)fluoranthene	0.01	--		0.09	--		
Benzo(a)pyrene	1	--		18	--		
Indeno(1,2,3-cd)pyrene	0.1	--		0.8	--		
Dibenz(a,h)anthracene	1	--		--	--		
BAP (ug/kg)		ND	NA	18	ND	NA	NA
TOTAL BAPeq (ug/kg)		ND	NA	23.11	ND	NA	NA

RP = Relative Potency compared to benzo(a)pyrene.

TABLE 5.8
CUMULATIVE TOTALS - AREA G SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB01-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	380 U	42 J1	58 J1	71 J1	150000	1900000	10000
2-Methylnaphthalene	ug/kg	380 U	380 U	500 U	480 U	87000	890000	5600
Acenaphthylene	ug/kg	380 U	380 U	500 U	480 U	76000 U	97000 U	2200
Acenaphthene	ug/kg	380 U	380 U	500 U	57 J1	100000	840000	1900
Fluorene	ug/kg	380 U	380 U	80 J1	82 J1	110000	900000	3000
Phenanthrene	ug/kg	95 J1	120 J1	460 J1	520	350000	2200000	6400
Anthracene	ug/kg	380 U	380 U	140 J1	160 J1	190000	340000	1400
Fluoranthene	ug/kg	200 J1	150 J1	760	1200	260000	1100000	1200 J1
Pyrene	ug/kg	160 J1	120 J1	790	940	180000	800000	1700
Benzo(a)Anthracene	ug/kg	80 J1	54 J1	390 J1	590	96000	250000	600 J1
Chrysene	ug/kg	110 J1	67 J1	430 J1	630	98000	250000	620 J1
Benzo(b)fluoranthene	ug/kg	150 J1	79 J1	500	890	130000	210000	390 J1
Benzo(k)fluoranthene	ug/kg	380 U	380 U	160 J1	270 J1	59000 J1	85000 J1	1400 U
Benzo(a)pyrene	ug/kg	88 J1	60 J1	370 J1	610	100000	160000	410 J1
Indeno(1,2,3-cd)pyrene	ug/kg	380 U	380 U	160 J1	260 J1	43000 J1	54000 J1	1400 U
Dibenz(a,h)anthracene	ug/kg	380 U	380 U	83 J1	89 J1	12000 J1	97000 U	1400 U
Benzo(g,h,i)perylene	ug/kg	65 J1	380 U	500 U	290 J1	41000 J1	55000 J1	1400 U
TOTAL PAHs	ug/kg	948	692	4381	6659	2006000	10034000	35420

TABLE 5.8
CUMULATIVE TOTALS - AREA G SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	4300 J1	3500 J1	1600 J1	3800 U	430 J1	40000	660000
2-Methylnaphthalene	ug/kg	3200 J1	3100 J1	1900 J1	3800 U	1400 U	14000 J1	230000 J1
Acenaphthylene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U	18000 U	260000 U
Acenaphthene	ug/kg	6500 J1	9600 J1	5200 J1	6000 J9	550 J1	37000	930000
Fluorene	ug/kg	5000 J1	7700 J1	9200 J1	3300 J1	580 J1	32000	1000000
Phenanthrene	ug/kg	29000	41000	48000	920 J1	4100	150000	7800000
Anthracene	ug/kg	12000	19000	16000	1800 J1	1200 J1	45000	2300000
Fluoranthene	ug/kg	37000	56000	57000	18000	8500	240000	6500000
Pyrene	ug/kg	28000	55000	45000	14000	8900	240000	5200000
Benzo(a)Anthracene	ug/kg	25000	32000	22000	4300	4200	140000	2700000
Chrysene	ug/kg	24000	34000	21000	4200	4600	130000	2700000
Benzo(b)fluoranthene	ug/kg	41000	65000	26000	4300	7900	270000	2600000
Benzo(k)fluoranthene	ug/kg	15000	22000	8600 J1	1800 J1	2400	94000	1400000
Benzo(a)pyrene	ug/kg	36000	57000	18000	3100 J1	5500	220000	2400000
Indeno(1,2,3-cd)pyrene	ug/kg	17000	28000	6600 J1	1100 J1	3200	110000	900000
Dibenz(a,h)anthracene	ug/kg	5200 J1	9100 J1	13000 U	3800 U	1000 J1	35000	200000 J1
Benzo(g,h,i)perylene	ug/kg	18000	30000	6500 J1	1200 J1	3600	97000	960000
TOTAL PAHs	ug/kg	306200	472000	292600	64020	56660	1894000	38480000

TABLE 5.8
CUMULATIVE TOTALS - AREA G SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB04-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	660000	4100 J1	4200 J1	87 J1	3800	780	1000000
2-Methylnaphthalene	ug/kg	240000	1800 J1	2000 J1	53 J1	1000 J1	240 J1	250000
Acenaphthylene	ug/kg	190000 U	12000 U	19000 U	400 U	2500 U	730 U	81000 J1
Acenaphthene	ug/kg	940000	6400 J1	4300 J1	140 J1	890 J1	280 J1	160000 J1
Fluorene	ug/kg	980000	4900 J1	3200 J1	320 J1	830 J1	270 J1	210000 J1
Phenanthrene	ug/kg	8100000	54000	53000	2000	5600	1600	1200000
Anthracene	ug/kg	2400000	14000	12000 J1	870	1300 J1	380 J1	280000
Fluoranthene	ug/kg	6700000	91000	89000	2500	10000	2900	1700000
Pyrene	ug/kg	5100000	79000	69000	2000	13000	3600	1800000
Benzo(a)Anthracene	ug/kg	2800000	46000	47000	1300	6000	1800	1100000
Chrysene	ug/kg	3900000	51000	51000	1300	8100	2100	1500000
Benzo(b)fluoranthene	ug/kg	2400000	69000	71000	1900	9400	2500	1400000
Benzo(k)fluoranthene	ug/kg	1300000	22000	26000	580	2700	840	480000
Benzo(a)pyrene	ug/kg	2300000	53000	57000	1300	6600	1800	1100000
Indeno(1,2,3-cd)pyrene	ug/kg	890000	22000	27000	570	3800	1100	620000
Dibenz(a,h)anthracene	ug/kg	180000 J1	7700 J1	9300 J1	170 J1	760 J1	290 J1	210000 J1
Benzo(g,h,i)perylene	ug/kg	920000	22000	31000	490	3600	1000	600000
TOTAL PAHs	ug/kg	39810000	548100	556000	15580	77380	21480	13691000

TABLE 5.8
CUMULATIVE TOTALS - AREA G SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	3300 J1	79000 J1		8000 U	500000	420 U	370 U
2-Methylnaphthalene	ug/kg	1400 J1	31000 J1		14000	120000	420 U	370 U
Acenaphthylene	ug/kg	6800 U	100000 U		8000 U	75000 U	420 U	370 U
Acenaphthene	ug/kg	4100 J1	89000 J1		12000	140000	420 U	370 U
Fluorene	ug/kg	3000 J1	69000 J1		12000	220000	420 U	370 U
Phenanthrene	ug/kg	27000	470000		37000	1000000	42 J1	71 J1
Anthracene	ug/kg	6100 J1	130000		8000 J1	470000	420 U	370 U
Fluoranthene	ug/kg	41000	640000		22000	1100000	420 U	58 J1
Pyrene	ug/kg	33000	530000		16000	760000	43 J1	47 J1
Benzo(a)Anthracene	ug/kg	23000	360000		7300 J1	420000	420 U	370 U
Chrysene	ug/kg	24000	390000		7600 J1	410000	420 U	50 J1
Benzo(b)fluoranthene	ug/kg	31000	420000		9000	400000	420 U	46 J1
Benzo(k)fluoranthene	ug/kg	10000	180000		4000 J1	160000	420 U	370 U
Benzo(a)pyrene	ug/kg	24000	390000		6900 J1	350000	420 U	370 U
Indeno(1,2,3-cd)pyrene	ug/kg	12000	180000		2700 J1	130000	420 U	370 U
Dibenz(a,h)anthracene	ug/kg	4100 J1	49000 J1		8000 U	37000 J1	420 U	370 U
Benzo(g,h,i)perylene	ug/kg	12000	180000		2700 J1	130000	420 U	370 U
TOTAL PAHs	ug/kg	259000	4187000	NA	161200	6347000	85	272

TABLE 5.8
CUMULATIVE TOTALS - AREA G SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
		LOCATION:	SCG-SB09	SCG-SB09	SCG-SB09
		DEPTH RANGE:	1 to 2 feet	6 to 8 feet	8 to 10 feet
		SAMPLE DATE:	06/16/97	06/16/97	06/16/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F170129004	A7F170129005	A7F170129006
		EPA SAMPLE ID:	F172904	F172905	F172906
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS11	AS11	AS11
Polynuclear Aromatic Compounds					
Naphthalene	ug/kg		54000 J1	430 U	480 U
2-Methylnaphthalene	ug/kg		17000 J1	430 U	480 U
Acenaphthylene	ug/kg		92000 U	430 U	480 U
Acenaphthene	ug/kg		47000 J1	430 U	480 U
Fluorene	ug/kg		71000 J1	430 U	480 U
Phenanthrene	ug/kg		380000	190 J1	480 U
Anthracene	ug/kg		94000	68 J1	480 U
Fluoranthene	ug/kg		370000	240 J1	73 J1
Pyrene	ug/kg		260000	190 J1	63 J1
Benzo(a)Anthracene	ug/kg		160000	110 J1	480 U
Chrysene	ug/kg		190000	130 J1	56 J1
Benzo(b)fluoranthene	ug/kg		230000	170 J1	71 J1
Benzo(k)fluoranthene	ug/kg		67000 J1	58 J1	480 U
Benzo(a)pyrene	ug/kg		160000	120 J1	60 J1
Indeno(1,2,3-cd)pyrene	ug/kg		68000 J1	65 J1	480 U
Dibenz(a,h)anthracene	ug/kg		22000 J1	430 U	480 U
Benzo(g,h,i)perylene	ug/kg		59000 J1	56 J1	480 U
TOTAL PAHs	ug/kg		2249000	1397	323

TABLE 5.8
CUMULATIVE TOTALS - BACKGROUND SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Polynuclear Aromatic Compounds				
Naphthalene	ug/kg	410 U	400 U	410 U
2-Methylnaphthalene	ug/kg	410 U	400 U	410 U
Acenaphthylene	ug/kg	410 U	400 U	410 U
Acenaphthene	ug/kg	59 J1	400 U	410 U
Fluorene	ug/kg	84 J1	400 U	410 U
Phenanthrene	ug/kg	560	56 J1	410 U
Anthracene	ug/kg	97 J1	400 U	410 U
Fluoranthene	ug/kg	750	58 J1	410 U
Pyrene	ug/kg	630	44 J1	410 U
Benzo(a)Anthracene	ug/kg	380 J1	400 U	410 U
Chrysene	ug/kg	400 J1	400 U	410 U
Benzo(b)fluoranthene	ug/kg	550	54 J1	410 U
Benzo(k)fluoranthene	ug/kg	180 J1	400 U	410 U
Benzo(a)pyrene	ug/kg	370 J1	45 J1	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	400 U	410 U
Dibenz(a,h)anthracene	ug/kg	58 J1	400 U	410 U
Benzo(g,h,i)perylene	ug/kg	180 J1	400 U	410 U
TOTAL PAHs	ug/kg	4458	257	ND

TABLE 5.8
CUMULATIVE TOTALS - SEDIMENT
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	C1-SD01MMSD	CU-SD02	CD-SD03
		LOCATION:	Inlet Location	Upstream Location	Downstream Location
		DEPTH RANGE:			
		SAMPLE DATE:	05/31/97	05/31/97	05/31/97
		MATRIX:	Sediment	Sediment	Sediment
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F040135002	A7F040135003	A7F040135001
		EPA SAMPLE ID:	F043502	F043503	F043501
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS09	AS09	AS09
Polynuclear Aromatic Compounds					
Naphthalene	ug/kg		6200	100 J1	1700 U
2-Methylnaphthalene	ug/kg		5900	140 J1	280 J1
Acenaphthylene	ug/kg		4600 U	140 J1	1700 U
Acenaphthene	ug/kg		4300 J1	400	2800
Fluorene	ug/kg		4400 J1	380 J1	2700
Phenanthrene	ug/kg		29000	1500	12000
Anthracene	ug/kg		4200 J1	600	1900
Fluoranthene	ug/kg		31000	2800	8500
Pyrene	ug/kg		18000 J9	2600	5200
Benzo(a)Anthracene	ug/kg		8900	1400	2300
Chrysene	ug/kg		8900	1300	2400
Benzo(b)fluoranthene	ug/kg		11000	1700	2000
Benzo(k)fluoranthene	ug/kg		3100 J1	610	560 J1
Benzo(a)pyrene	ug/kg		7000	1200	1500 J1
Indeno(1,2,3-cd)pyrene	ug/kg		3700 J1	500	680 J1
Dibenz(a,h)anthracene	ug/kg		1000 J1	140 J1	150 J1
Benzo(g,h,i)perylene	ug/kg		3800 J1	420	610 J1
TOTAL PAHs	ug/kg		150400	15930	43580

TABLE 5.8
CUMULATIVE TOTALS - GROUNDWATER
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97	TB2-6/6/97	TB1-6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCG-SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Polynuclear Aromatic Compounds							
Naphthalene	ug/L	8600		240 J4	10 U		
2-Methylnaphthalene	ug/L	810 J1		110 J4	10 U		
Acenaphthylene	ug/L	1600 U		4 J10	10 U		
Acenaphthene	ug/L	240 J1		120 J4	10 U		
Fluorene	ug/L	1600 U		75 J4	10 U		
Phenanthrene	ug/L	300 J1		160 J4	10 U		
Anthracene	ug/L	1600 U		34 J4	10 U		
Fluoranthene	ug/L	1600 U		76 J4	10 U		
Pyrene	ug/L	1600 U		38 J4	10 U		
Benzo(a)Anthracene	ug/L	1600 U		20 J10	10 U		
Chrysene	ug/L	1600 U		20 J10	10 U		
Benzo(b)fluoranthene	ug/L	1600 U		22 J10	10 U		
Benzo(k)fluoranthene	ug/L	1600 U		9 J10	10 U		
Benzo(a)pyrene	ug/L	1600 U		18 J10	10 U		
Indeno(1,2,3-cd)pyrene	ug/L	1600 U		8 J10	10 U		
Dibenz(a,h)anthracene	ug/L	1600 U		33 UJ4	10 U		
Benzo(g,h,i)perylene	ug/L	1600 U		7 J10	10 U		
TOTAL PAHs	ug/kg	9950	NA	961	ND	NA	NA

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	400 U	410 U	2500000	2900000	87 UB	220 UB	62000
2-Methylnaphthalene	ug/kg	400 U	410 U	660000	800000	520 U	130 J1	16000 J1
Acenaphthylene	ug/kg	400 U	410 U	430000 U	420000 U	83 J1	950 U	43000 U
Acenaphthene	ug/kg	120 J1	72 J1	240000 J1	300000 J1	180 J1	320 J1	49000
Fluorene	ug/kg	98 J1	58 J1	300000 J1	360000 J1	180 J1	460 J1	52000
Phenanthrene	ug/kg	1200	760	860000	970000	2200	4400	320000
Anthracene	ug/kg	260 J1	160 J1	200000 J1	240000 J1	420 J1	1000	29000 J1
Fluoranthene	ug/kg	2600	1200	540000	650000	3100	5500	280000
Pyrene	ug/kg	2200	1100	530000	580000	2400	4600	220000
Benzo(a)Anthracene	ug/kg	1200	650	200000 J1	250000 J1	1300	2600	66000
Chrysene	ug/kg	1100	590	230000 J1	270000 J1	1300	2400	33000 J1
Benzo(b)fluoranthene	ug/kg	1600	800	240000 J1	300000 J1	1600	2700	49000
Benzo(k)fluoranthene	ug/kg	540	270 J1	69000 J1	120000 J1	650	970	18000 J1
Benzo(a)pyrene	ug/kg	1100	590	150000 J1	190000 J1	1200	2000	33000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	580	270 J1	82000 J1	100000 J1	650	1100	12000 J1
Dibenz(a,h)anthracene	ug/kg	140 J1	81 J1	430000 U	420000 U	190 J1	290 J1	43000 U
Benzo(g,h,i)perylene	ug/kg	380 J1	190 J1	78000 J1	100000 J1	430 J1	780 J1	9700 J1
TOTAL PAHs	ug/kg	13138	6791	6879000	8130000	15853	29230	1247700

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	270 J1	250 J10	1000000	320 J1	430 J1	1200000	400 U
2-Methylnaphthalene	ug/kg	76 J1	77 J10	340000	100 J1	140 J1	350000	76 J1
Acenaphthylene	ug/kg	390 U	390 UJ9	160000 U	390 U	520 U	18000 J1	400 U
Acenaphthene	ug/kg	72 J1	110 J10	150000 J1	120 J1	210 J1	120000 J1	400 U
Fluorene	ug/kg	390 U	100 J10	160000 J1	120 J1	290 J1	140000 J1	400 U
Phenanthrene	ug/kg	620	1000 J9	370000	910	2600	250000	440
Anthracene	ug/kg	150 J1	210 J10	57000 J1	170 J1	570	85000 J1	120 J1
Fluoranthene	ug/kg	1100	1300 J9	180000	1500	3200	100000 J1	370 J1
Pyrene	ug/kg	1000	1500 J9	200000 J9	1200	2700	87000 J1	300 J1
Benzo(a)Anthracene	ug/kg	620	860 J9	53000 J1	840	1400	25000 J1	400 U
Chrysene	ug/kg	570	680 J9	46000 J1	750	1300	26000 J1	400 U
Benzo(b)fluoranthene	ug/kg	930	960 J9	38000 J1	1100	1600	22000 J1	210 J1
Benzo(k)fluoranthene	ug/kg	260 J1	400 J9	18000 J1	310 J1	550	160000 U	84 J1
Benzo(a)pyrene	ug/kg	670	750 J9	32000 J1	730	1200	18000 J1	160 J1
Indeno(1,2,3-cd)pyrene	ug/kg	340 J1	380 J10	160000 U	380 J1	510 J1	160000 U	98 J1
Dibenz(a,h)anthracene	ug/kg	59 J1	54 J10	160000 U	150 J1	140 J1	160000 U	400 U
Benzo(g,h,i)perylene	ug/kg	290 J1	330 J10	160000 U	280 J1	470 J1	160000 U	92 J1
TOTAL PAHs	ug/kg	7027	8961	2644000	8980	17310	2441000	1950

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB06-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	90 J1	160000	39 J1	1500 U	600 J1	250 J1	390 U
2-Methylnaphthalene	ug/kg	49 J1	30000	370 U	1500 U	330 J1	120 J1	390 U
Acenaphthylene	ug/kg	390 U	20000 U	370 U	1500 U	100 J1	400 U	390 U
Acenaphthene	ug/kg	390 U	14000 J1	370 U	420 J1	440 J1	310 J1	390 U
Fluorene	ug/kg	47 J1	13000 J1	370 U	830 J10	580 J1	340 J1	390 U
Phenanthrene	ug/kg	270 J1	25000	340 J10	6100 J7	3600	2700	1200
Anthracene	ug/kg	66 J1	3900 J1	68 J10	2000 J7	830	660	290 J1
Fluoranthene	ug/kg	260 J1	9400 J1	620 J7	8200 J7	5200	3300 D	2000
Pyrene	ug/kg	210 J1	9000 J1	570	7000	5100	2800	2000
Benzo(a)Anthracene	ug/kg	110 J1	2500 J1	350 J1	3000	2600	1800	900
Chrysene	ug/kg	130 J1	3100 J1	380	3200	2600	1600	860
Benzo(b)fluoranthene	ug/kg	140 J1	20000 U	470	3100	4100	2800	1200
Benzo(k)fluoranthene	ug/kg	46 J1	20000 U	160 J1	1300 J1	1300	740	350 J1
Benzo(a)pyrene	ug/kg	110 J1	20000 U	360 J1	2400	3100	2000	850
Indeno(1,2,3-cd)pyrene	ug/kg	64 J1	20000 U	210 J1	1100 J1	1700	1100	420
Dibenz(a,h)anthracene	ug/kg	390 U	20000 U	81 J10	300 J10	530 J1	320 J1	200 J1
Benzo(g,h,i)perylene	ug/kg	58 J1	20000 U	190 J1	920 J1	1600	890	380 J1
TOTAL PAHs	ug/kg	1650	269900	3838	39870	34310	21730	10650

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	73 J1		420000		180 J1	200 J1	1100000
2-Methylnaphthalene	ug/kg	39 J1		230000		150 J1	120 J1	410000
Acenaphthylene	ug/kg	390 U		110000 U		380 U	390 U	160000 U
Acenaphthene	ug/kg	67 J1		98000 J1		98 J1	64 J1	230000
Fluorene	ug/kg	130 J1		130000		150 J1	76 J1	190000
Phenanthrene	ug/kg	1600		520000		1100	650	590000
Anthracene	ug/kg	390		120000		220 J1	160 J1	130000 J1
Fluoranthene	ug/kg	2100		320000		1200	1200	290000
Pyrene	ug/kg	2200		350000		1300	1000	330000
Benzo(a)Anthracene	ug/kg	910		130000		570	540	110000 J1
Chrysene	ug/kg	880		130000		620	500	110000 J1
Benzo(b)fluoranthene	ug/kg	1000		120000		740	750	84000 J1
Benzo(k)fluoranthene	ug/kg	270 J1		50000 J1		220 J1	210 J1	30000 J1
Benzo(a)pyrene	ug/kg	730		110000 J1		550	510	68000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1		41000 J1		300 J1	380 J1	23000 J1
Dibenz(a,h)anthracene	ug/kg	81 J1		15000 J1		76 J1	110 J1	160000 U
Benzo(g,h,i)perylene	ug/kg	310 J1		37000 J1		240 J1	360 J1	26000 J1
TOTAL PAHs	ug/kg	11150	NA	2821000	NA	7714	6830	3721000

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB09-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	390	2000 J1	5800 J1	200 J1	100 J1	22000 J1	400 U
2-Methylnaphthalene	ug/kg	440	19000 U	31000 U	110 J1	94 J1	20000 J1	400 U
Acenaphthylene	ug/kg	93 J1	19000 U	31000 U	810 U	69 J1	15000 J1	400 U
Acenaphthene	ug/kg	230 J1	9400 J1	10000 J1	140 J1	44 J1	23000 J1	400 U
Fluorene	ug/kg	210 J1	10000 J1	19000 J1	250 J1	57 J1	51000 J1	400 U
Phenanthrene	ug/kg	1400	80000	120000	2000	620	400000	160 J1
Anthracene	ug/kg	260 J1	49000	53000	1000	130 J1	85000 J1	400 U
Fluoranthene	ug/kg	1800	130000	170000	4000	1100	340000	120 J1
Pyrene	ug/kg	1800	100000	130000	1700	990	300000	100 J1
Benzo(a)Anthracene	ug/kg	840	57000	75000	1700	510	140000	47 J1
Chrysene	ug/kg	790	56000	77000	1900	570	130000	53 J1
Benzo(b)fluoranthene	ug/kg	950	58000	83000	1900	740	120000	400 U
Benzo(k)fluoranthene	ug/kg	350 J1	24000	30000 J1	650 J1	260 J1	53000 J1	400 U
Benzo(a)pyrene	ug/kg	680	46000	62000	1200	480	96000	400 U
Indeno(1,2,3-cd)pyrene	ug/kg	480	21000	27000 J1	580 J1	390	52000 J1	400 U
Dibenz(a,h)anthracene	ug/kg	360 U	5700 J1	8600 J1	220 J1	360 U	15000 J1	400 U
Benzo(g,h,i)perylene	ug/kg	530	21000	25000 J1	510 J1	360 J1	49000 J1	400 U
TOTAL PAHs	ug/kg	11243	675100	895400	18060	6514	1911000	480

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	390 U	370 J1	1400000	2600 U	1800	27000	50 J1
2-Methylnaphthalene	ug/kg	390 U	200 J1	290000	2600 U	550	12000 J1	420 U
Acenaphthylene	ug/kg	390 U	500 U	220000 U	2600 U	64 J1	1300 J1	420 U
Acenaphthene	ug/kg	48 J1	240 J1	290000	450 J1	780	18000	420 U
Fluorene	ug/kg	390 U	350 J1	390000	1200 J1	840	19000	420 U
Phenanthrene	ug/kg	440	2600	1300000	13000	3900	66000	210 J1
Anthracene	ug/kg	140 J1	700	250000	3300	380 J1	6800 J1	420 U
Fluoranthene	ug/kg	920	3200	710000	14000	2800	38000	210 J1
Pyrene	ug/kg	910	2400	610000	13000	2500	32000	150 J1
Benzo(a)Anthracene	ug/kg	540	1300	220000	7300	900	8800 J1	77 J1
Chrysene	ug/kg	510	1200	210000 J1	6700	710	6000 J1	85 J1
Benzo(b)fluoranthene	ug/kg	700	1200	170000 J1	5800	820	6400 J1	110 J1
Benzo(k)fluoranthene	ug/kg	210 J1	490 J1	82000 J1	2300 J1	330 J1	2600 J1	420 U
Benzo(a)pyrene	ug/kg	480	950	140000 J1	4700	650	4900 J1	78 J1
Indeno(1,2,3-cd)pyrene	ug/kg	260 J1	420 J1	43000 J1	1500 J1	230 J1	13000 U	420 U
Dibenz(a,h)anthracene	ug/kg	67 J1	110 J1	220000 U	640 J1	53 J1	13000 U	420 U
Benzo(g,h,i)perylene	ug/kg	230 J1	440 J1	45000 J1	1500 J1	280 J1	1300 J1	420 U
TOTAL PAHs	ug/kg	5455	16170	6150000	75390	17587	250100	970

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	440	720	1800 J1	380 U	390 U		400 U
2-Methylnaphthalene	ug/kg	190 J1	240 J1	9200 U	380 U	390 U		400 U
Acenaphthylene	ug/kg	380 U	390 U	9200 U	380 U	390 U		400 U
Acenaphthene	ug/kg	410	320 J1	1500 J1	380 U	390 U		400 U
Fluorene	ug/kg	490	330 J1	1500 J1	380 U	390 U		400 U
Phenanthrene	ug/kg	2100	1100	37000	380 U	83 J1		47 J1
Anthracene	ug/kg	360 J1	190 J1	7000 J1	380 U	390 U		400 U
Fluoranthene	ug/kg	1600	810	55000	55 J1	84 J1		87 J1
Pyrene	ug/kg	1300	740	47000	380 U	89 J1		100 J1
Benzo(a)Anthracene	ug/kg	550	240 J1	27000	380 U	390 U		150 J1
Chrysene	ug/kg	490	220 J1	26000	380 U	46 J10		180 J10
Benzo(b)fluoranthene	ug/kg	570	240 J1	27000	380 U	43 J10		330 J10
Benzo(k)fluoranthene	ug/kg	180 J1	95 J1	8200 J1	380 U	390 U		120 J1
Benzo(a)pyrene	ug/kg	410	190 J1	19000	380 U	390 U		300 J1
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	72 J1	7600 J1	380 U	390 U		130 J1
Dibenz(a,h)anthracene	ug/kg	380 U	390 U	2900 J1	380 U	390 U		400 U
Benzo(g,h,i)perylene	ug/kg	160 J1	70 J1	7800 J1	380 U	390 U		160 J1
TOTAL PAHs	ug/kg	9410	5577	276300	55	345	NA	1604

TABLE 5.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg		380 J1		85 J1	5300	410 U	920000
2-Methylnaphthalene	ug/kg		180 J1		60 J1	2300	410 U	240000
Acenaphthylene	ug/kg		1500 U		500 U	1100 U	410 U	160000 U
Acenaphthene	ug/kg		460 J1		130 J1	1200	410 U	150000 J1
Fluorene	ug/kg		360 J1		110 J1	1300	410 U	140000 J1
Phenanthrene	ug/kg		3700		1200	6300 J7	240 J10	350000
Anthracene	ug/kg		790 J1		260 J1	1700 J7	46 J10	38000 J1
Fluoranthene	ug/kg		6700		2000	4700 J7	440 J7	170000
Pyrene	ug/kg		5700		2100	4400 R5	520 J7	130000 J1
Benzo(a)Anthracene	ug/kg		4200		1200	2300 J7	220 J10	32000 J1
Chrysene	ug/kg		4400		1100	2300 J7	280 J10	160000 U
Benzo(b)fluoranthene	ug/kg		5500		1300	2300 J7	340 J10	160000 U
Benzo(k)fluoranthene	ug/kg		1800		440 J1	820 J10	120 J10	160000 U
Benzo(a)pyrene	ug/kg		4000		1100	1900 J7	240 J10	160000 U
Indeno(1,2,3-cd)pyrene	ug/kg		1900		630	930 J10	160 J10	160000 U
Dibenz(a,h)anthracene	ug/kg		700 J1		110 J1	180 J1	410 U	160000 U
Benzo(g,h,i)perylene	ug/kg		2100		660	830 J10	150 J10	160000 U
TOTAL PAHs	ug/kg	NA	42870	NA	12485	34360	2756	2170000

TABLE 6.8
CUMULATIVE TOTALS - AREA A SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		E184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Polynuclear Aromatic Compounds					
Naphthalene	ug/kg		380 U	400 U	58000 D
2-Methylnaphthalene	ug/kg		380 U	400 U	20000
Acenaphthylene	ug/kg		380 U	400 U	1500 J1
Acenaphthene	ug/kg		380 U	120 J1	20000
Fluorene	ug/kg		380 U	140 J1	40000 D
Phenanthrene	ug/kg		380	1500	150000 D
Anthracene	ug/kg		85 J1	340 J1	140000 D
Fluoranthene	ug/kg		730	2800	82000 D
Pyrene	ug/kg		740	2000	78000 D
Benzo(a)Anthracene	ug/kg		300 J1	1100	25000
Chrysene	ug/kg		360 J1	1200	25000
Benzo(b)fluoranthene	ug/kg		430	1500	20000
Benzo(k)fluoranthene	ug/kg		160 J1	570	9500
Benzo(a)pyrene	ug/kg		310 J1	1100	14000
Indeno(1,2,3-cd)pyrene	ug/kg		160 J1	540	5900
Dibenz(a,h)anthracene	ug/kg		380 U	400 U	1600 J1
Benzo(g,h,i)perylene	ug/kg		160 J1	570	4600
TOTAL PAHs	ug/kg	NA	3815	14080	704100

TABLE 5.8
CUMULATIVE TOTALS - AREA B SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	1100 J1	79000	71000	8300 J1	5700 J1		57000 J1
2-Methylnaphthalene	ug/kg	520 J1	41000 J1	28000	2100 J1	1800 J1		170000 U
Acenaphthylene	ug/kg	3600 U	46000 U	22000 U	810 J1	13000 U		170000 U
Acenaphthene	ug/kg	1000 J1	110000	72000	3700 J1	6200 J1		120000 J1
Fluorene	ug/kg	770 J1	95000	58000	3600 J1	6400 J1		120000 J1
Phenanthrene	ug/kg	8100	230000	120000	30000	49000		730000
Anthracene	ug/kg	1800 J1	40000 J1	15000 J1	7900 J1	13000		50000 J1
Fluoranthene	ug/kg	23000	160000	72000	50000	71000		700000
Pyrene	ug/kg	18000	110000	51000	43000	58000		590000
Benzo(a)Anthracene	ug/kg	10000	41000 J1	15000 J1	23000	32000		160000 J1
Chrysene	ug/kg	12000	48000	18000 J1	23000	35000		110000 J1
Benzo(b)fluoranthene	ug/kg	17000	42000 J1	15000 J1	31000	45000		120000 J1
Benzo(k)fluoranthene	ug/kg	6200	18000 J10	5900 J10	10000 J1	14000		49000 J1
Benzo(a)pyrene	ug/kg	13000	34000 J1	12000 J1	21000	34000		89000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	6500	13000 J1	4500 J1	9800 J1	15000		30000 J1
Dibenz(a,h)anthracene	ug/kg	1700 J1	46000 U	22000 U	2800 J1	4400 J1		170000 U
Benzo(g,h,i)perylene	ug/kg	6400	12000 J1	4100 J1	8800 J1	14000		26000 J1
TOTAL PAHs	ug/kg	127090	1073000	561500	278810	404500	NA	2951000

TABLE 5.8
CUMULATIVE TOTALS - AREA B SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg		290 J1	17000 J1	580000	500 UB	3000 UB	380000
2-Methylnaphthalene	ug/kg		2500 U	150000 U	290000	200 J1	1500 J1	94000 J1
Acenaphthylene	ug/kg		2500 U	150000 U	15000 J1	1500 U	1700 J1	140000 U
Acenaphthene	ug/kg		680 J1	26000 J1	260000	640 J1	3000 J1	180000
Fluorene	ug/kg		750 J1	28000 J1	210000	620 J1	4400 J1	180000
Phenanthrene	ug/kg		7600	470000	780000	5400	34000	890000
Anthracene	ug/kg		2100 J1	120000 J1	230000	1200 J1	9000	260000
Fluoranthene	ug/kg		15000	750000	460000	10000	57000	730000
Pyrene	ug/kg		10000	710000	410000	8700	50000	630000
Benzo(a)Anthracene	ug/kg		6200	340000	200000	4400	30000	310000
Chrysene	ug/kg		7500	380000	180000	4600	28000	280000
Benzo(b)fluoranthene	ug/kg		9200	450000	170000	6300	44000	350000
Benzo(k)fluoranthene	ug/kg		3500	170000	64000 J1	2100	14000	120000 J1
Benzo(a)pyrene	ug/kg		7100	290000	150000	4000	30000	310000
Indeno(1,2,3-cd)pyrene	ug/kg		3400	130000 J1	74000 J1	1800	16000	160000
Dibenz(a,h)anthracene	ug/kg		840 J1	37000 J1	22000 J1	560 J1	3800 J1	37000 J1
Benzo(g,h,i)perylene	ug/kg		3000	110000 J1	64000 J1	1600	15000	150000
TOTAL PAHs	ug/kg	NA	77160	4028000	4179000	52120	341400	5061000

TABLE 5.8
CUMULATIVE TOTALS - AREA B SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	380 U	380 U	380 U	790	380 U	380 U	400 U
2-Methylnaphthalene	ug/kg	380 U	380 U	380 U	280 J1	380 U	380 U	400 U
Acenaphthylene	ug/kg	380 U	380 U	380 U	63 J1	380 U	380 U	400 U
Acenaphthene	ug/kg	380 U	380 U	380 U	460 J1	380 U	380 U	400 U
Fluorene	ug/kg	380 U	380 U	43 J1	520 J1	380 U	380 U	400 U
Phenanthrene	ug/kg	370 J1	560	390	2000	220 J1	120 J10	59 J1
Anthracene	ug/kg	64 J1	86 J1	59 J1	610	380 U	380 U	400 U
Fluoranthene	ug/kg	790	910	780	2200	400	180 J10	400 U
Pyrene	ug/kg	640	660	550	1500	340 J1	230 J10	400 U
Benzo(a)Anthracene	ug/kg	370 J1	390	290 J1	780	160 J1	100 J10	400 U
Chrysene	ug/kg	440	480	390	1000	190 J1	110 J10	400 U
Benzo(b)fluoranthene	ug/kg	500	480	430	1100	230 J1	110 J10	400 U
Benzo(k)fluoranthene	ug/kg	210 J1	210 J1	200 J1	390 J1	88 J1	49 J10	400 U
Benzo(a)pyrene	ug/kg	370 J1	400	320 J1	760	150 J1	100 J10	400 U
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	200 J1	190 J1	420 J1	81 J1	66 J10	400 U
Dibenz(a,h)anthracene	ug/kg	57 J1	52 J1	55 J1	110 J1	380 U	380 U	400 U
Benzo(g,h,i)perylene	ug/kg	170 J1	160 J1	170 J1	320 J1	71 J1	57 J10	400 U
TOTAL PAHs	ug/kg	4141	4588	3867	13303	1930	1122	59

TABLE 5.8
CUMULATIVE TOTALS - AREA B SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Polynuclear Aromatic Compounds							
Naphthalene	ug/kg	260 J1	820 J1	410 U	20000 U	260 J1	8000 J1
2-Methylnaphthalene	ug/kg	1900 U	480 J1	410 U	20000 U	1900 U	8100 J1
Acenaphthylene	ug/kg	1900 U	1500 U	410 U	20000 U	1900 U	10000 U
Acenaphthene	ug/kg	430 J1	740 J1	410 U	5600 J1	290 J1	12000
Fluorene	ug/kg	520 J1	930 J1	410 U	5300 J1	310 J1	13000
Phenanthrene	ug/kg	5200	7300	410 U	57000	4800	53000
Anthracene	ug/kg	1500 J1	1600	410 U	13000 J1	1300 J1	8300 J1
Fluoranthene	ug/kg	7500	6500	410 U	84000	8900	32000
Pyrene	ug/kg	8200	6600	410 U	88000	8500	30000
Benzo(a)Anthracene	ug/kg	3800	2700	410 U	46000	4400	9300 J1
Chrysene	ug/kg	4100	3100	410 U	50000	4400	7900 J1
Benzo(b)fluoranthene	ug/kg	4000	2700	410 U	53000	5500	6300 J1
Benzo(k)fluoranthene	ug/kg	1500 J1	960 J1	410 U	19000 J1	2400	2600 J1
Benzo(a)pyrene	ug/kg	3200	2100	410 U	44000	3900	5100 J1
Indeno(1,2,3-cd)pyrene	ug/kg	2000	1300 J1	410 U	29000	3000	2400 J1
Dibenz(a,h)anthracene	ug/kg	580 J1	330 J1	410 U	6800 J1	1000 J1	10000 U
Benzo(g,h,i)perylene	ug/kg	2100	1100 J1	410 U	28000	2900	2400 J1
TOTAL PAHs	ug/kg	44890	39260	ND	526700	51860	200400

TABLE 5.8
CUMULATIVE TOTALS - AREA C SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	56 J1	4400 J1	130000	3600 U	6400 J1	1200000	360 J1
2-Methylnaphthalene	ug/kg	470 U	1700 J1	91000	3600 U	3100 J1	790000	1800 U
Acenaphthylene	ug/kg	470 U	12000 U	21000 J1	3600 U	19000 U	30000 J1	1800 U
Acenaphthene	ug/kg	470 U	6200 J1	27000	3600 U	9200 J1	420000	600 J1
Fluorene	ug/kg	470 U	5100 J1	27000	3600 U	8800 J1	250000	1800 U
Phenanthrene	ug/kg	1000	47000	70000	8900	85000	800000	5900
Anthracene	ug/kg	180 J1	11000 J1	26000	1800 J1	23000	200000	1300 J1
Fluoranthene	ug/kg	2000	78000	30000	23000	140000	340000	12000
Pyrene	ug/kg	1600	58000	38000	17000	100000	440000	9100
Benzo(a)Anthracene	ug/kg	1000	35000	15000 J1	8200	60000	160000 J1	5900
Chrysene	ug/kg	1200	41000	18000 J1	9800	70000	170000 J1	6800
Benzo(b)fluoranthene	ug/kg	1500	60000	10000 J1	9400	93000	120000 J1	10000
Benzo(k)fluoranthene	ug/kg	540	18000	4000 J1	3500 J1	28000	43000 J1	2900
Benzo(a)pyrene	ug/kg	1100	44000	12000 J1	6500	66000	130000 J1	7100
Indeno(1,2,3-cd)pyrene	ug/kg	620	23000	3300 J1	3000 J1	33000	43000 J1	3500
Dibenz(a,h)anthracene	ug/kg	190 J1	5600 J1	21000 U	800 J1	8400 J1	190000 U	980 J1
Benzo(g,h,i)perylene	ug/kg	640	22000	3100 J1	2900 J1	30000	41000 J1	3200
TOTAL PAHs	ug/kg	11626	460000	525400	94800	763900	5177000	69640

TABLE 5.8
CUMULATIVE TOTALS - AREA C SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB04-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	56 J1		1100000 J2		450 J1	1300	5200 J1
2-Methylnaphthalene	ug/kg	380 U		560000 J2		170 J1	470 J1	1400 J1
Acenaphthylene	ug/kg	380 U		22000 J2		750 U	740 U	12000 U
Acenaphthene	ug/kg	380 U		280000 J2		210 J1	410 J1	5000 J1
Fluorene	ug/kg	380 U		160000 J2		200 J1	360 J1	4900 J1
Phenanthrene	ug/kg	820		530000 J2		1700	2300	41000
Anthracene	ug/kg	100 J1		130000 J2		590 J1	490 J1	9000 J1
Fluoranthene	ug/kg	1300		250000 J2		2600	2800	50000
Pyrene	ug/kg	900		330000 J2		2400	3200	54000
Benzo(a)Anthracene	ug/kg	510		120000 J2		1300	1500	23000
Chrysene	ug/kg	690		120000 J2		1400	1800	23000
Benzo(b)fluoranthene	ug/kg	890		100000 J2		1800	1800	25000
Benzo(k)fluoranthene	ug/kg	260 J1		43000 J2		530 J1	630 J1	17000
Benzo(a)pyrene	ug/kg	600		97000 J2		1300	1400	24000
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1		32000 J2		520 J1	1000	10000 J1
Dibenz(a,h)anthracene	ug/kg	100 J1		6600 UJ2		100 J1	220 J1	12000 U
Benzo(g,h,i)perylene	ug/kg	380		31000 J2		530 J1	1000	11000 J1
TOTAL PAHs	ug/kg	6976	NA	3905000	NA	16000	20680	303500

TABLE 5.8
CUMULATIVE TOTALS - AREA C SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB04-SS01-14/16
LOCATION:		SCC-SB04
DEPTH RANGE:		14 to 16 feet
SAMPLE DATE:		05/12/97
MATRIX:		Soil
SAMPLE TYPE:		Field Sample
LAB SAMPLE ID:		A7E140163020
EPA SAMPLE ID:		E146320
SAMPLE TYPE:		N1
SDG NO:		AS06
Polynuclear Aromatic Compounds		
Naphthalene	ug/kg	120000
2-Methylnaphthalene	ug/kg	100000
Acenaphthylene	ug/kg	42000
Acenaphthene	ug/kg	8700 J1
Fluorene	ug/kg	39000
Phenanthrene	ug/kg	160000
Anthracene	ug/kg	50000
Fluoranthene	ug/kg	57000
Pyrene	ug/kg	96000
Benzo(a)Anthracene	ug/kg	31000
Chrysene	ug/kg	29000
Benzo(b)fluoranthene	ug/kg	16000 J1
Benzo(k)fluoranthene	ug/kg	8400 J1
Benzo(a)pyrene	ug/kg	27000
Indeno(1,2,3-cd)pyrene	ug/kg	8300 J1
Dibenz(a,h)anthracene	ug/kg	20000 U
Benzo(g,h,i)perylene	ug/kg	9200 J1
TOTAL PAHs	ug/kg	801600

TABLE 5.8
CUMULATIVE TOTALS - AREA D SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120136001	A7F180147009	A7E120136002	A7E120136003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	380 U	380 U		4700		100 J1	120 J1
2-Methylnaphthalene	ug/kg	380 U	380 U		1700		55 J1	71 J1
Acenaphthylene	ug/kg	380 U	380 U		780 U		380 U	380 U
Acenaphthene	ug/kg	59 J1	380 U		3300		100 J1	140 J1
Fluorene	ug/kg	71 J1	380 U		2100		88 J1	120 J1
Phenanthrene	ug/kg	750	400		4500		330 J1	390
Anthracene	ug/kg	160 J1	98 J1		450 J1		68 J1	68 J1
Fluoranthene	ug/kg	1200	710		2600		440	270 J1
Pyrene	ug/kg	1100	750		1600		320 J1	210 J1
Benzo(a)Anthracene	ug/kg	530	350 J1		640 J1		200 J1	99 J1
Chrysene	ug/kg	580	350 J1		540 J1		210 J1	100 J1
Benzo(b)fluoranthene	ug/kg	600	430		540 J1		250 J1	120 J1
Benzo(k)fluoranthene	ug/kg	240 J1	200 J1		170 J1		100 J1	56 J1
Benzo(a)pyrene	ug/kg	490	310 J1		390 J1		200 J1	96 J1
Indeno(1,2,3-cd)pyrene	ug/kg	210 J1	140 J1		190 J1		100 J1	42 J1
Dibenz(a,h)anthracene	ug/kg	380 U	380 U		780 U		380 U	380 U
Benzo(g,h,i)perylene	ug/kg	220 J1	140 J1		220 J1		110 J1	45 J1
TOTAL PAHs	ug/kg	6210	3878	NA	23640	NA	2671	1947

TABLE 5.8
CUMULATIVE TOTALS - AREA D SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
		LOCATION:	SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
		DEPTH RANGE:	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
		SAMPLE DATE:	05/08/97	05/12/97	05/12/97	05/12/97
		MATRIX:	Soil	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E120138004	A7E140163015	A7E140163016	A7E140163017
		EPA SAMPLE ID:	E123804	E146315	E146316	E146317
		SAMPLE TYPE:	N1	N1	N1	N1
		SDG NO:	AS05	AS06	AS06	AS06
Polynuclear Aromatic Compounds						
Naphthalene	ug/kg		170 J1	60 J1	67 J1	410000 J1
2-Methylnaphthalene	ug/kg		670	59 J1	48 J1	3500000
Acenaphthylene	ug/kg		50 J1	360 U	380 U	600000 U
Acenaphthene	ug/kg		780	100 J1	380 U	1800000
Fluorene	ug/kg		620	130 J1	380 U	500000 J1
Phenanthrene	ug/kg		1500	1100	270 J1	160000 J1
Anthracene	ug/kg		340 J1	290 J1	61 J1	600000 U
Fluoranthene	ug/kg		720	1600	330 J1	140000 J1
Pyrene	ug/kg		460	1700	310 J1	170000 J1
Benzo(a)Anthracene	ug/kg		190 J1	870	180 J1	67000 J1
Chrysene	ug/kg		160 J1	840	190 J1	86000 J1
Benzo(b)fluoranthene	ug/kg		210 J1	860	150 J1	600000 U
Benzo(k)fluoranthene	ug/kg		71 J1	410	83 J1	600000 U
Benzo(a)pyrene	ug/kg		160 J1	840	190 J1	600000 U
Indeno(1,2,3-cd)pyrene	ug/kg		92 J1	320 J1	120 J1	600000 U
Dibenz(a,h)anthracene	ug/kg		400 U	360 U	380 U	600000 U
Benzo(g,h,i)perylene	ug/kg		85 J1	390	150 J1	600000 U
TOTAL PAHs	ug/kg		6278	9569	2149	6833000

TABLE 5.8
CUMULATIVE TOTALS - AREA E SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	380 U	390 U	68 J1	99 J1	42 J1	8600 J1	250 J1
2-Methylnaphthalene	ug/kg	380 U	390 U	430 U	98 J1	41 J1	14000 J1	210 J1
Acenaphthylene	ug/kg	380 U	390 U	430 U	380 U	390 U	50000 U	370 U
Acenaphthene	ug/kg	380 U	390 U	430 U	160 J1	59 J1	26000 J1	320 J1
Fluorene	ug/kg	380 U	390 U	430 U	170 J1	68 J1	26000 J1	330 J1
Phenanthrene	ug/kg	76 J1	240 J1	300 J1	820	710	190000	1100
Anthracene	ug/kg	380 U	56 J1	430 U	140 J1	170 J1	49000 J1	130 J1
Fluoranthene	ug/kg	120 J1	370 J1	460	920	1400	250000	850
Pyrene	ug/kg	120 J1	370 J1	500	830	1000	270000	880
Benzo(a)Anthracene	ug/kg	61 J1	150 J1	240 J1	400	500	110000	280 J1
Chrysene	ug/kg	72 J1	180 J1	240 J1	370 J1	510	120000	230 J1
Benzo(b)fluoranthene	ug/kg	65 J1	200 J1	280 J1	400	640	110000	290 J1
Benzo(k)fluoranthene	ug/kg	380 U	74 J1	140 J1	140 J1	190 J1	57000	97 J1
Benzo(a)pyrene	ug/kg	68 J1	120 J1	180 J1	330 J1	520	110000	230 J1
Indeno(1,2,3-cd)pyrene	ug/kg	380 U	72 J1	93 J1	150 J1	200 J1	47000 J1	140 J1
Dibenz(a,h)anthracene	ug/kg	380 U	390 U	430 U	380 U	45 J1	50000 U	370 U
Benzo(g,h,i)perylene	ug/kg	380 U	87 J1	100 J1	160 J1	250 J1	47000 J1	160 J1
TOTAL PAHs	ug/kg	602	1879	2601	4987	6345	1434600	5197

TABLE 5.8
CUMULATIVE TOTALS - AREA E SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB93-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	370 U	170 J1	400 U	140 J1	45000 U	410 U	410 U
2-Methylnaphthalene	ug/kg	37 J1	1400 U	400 U	490 U	6700 J1	410 U	410 U
Acenaphthylene	ug/kg	370 U	1400 U	400 U	490 U	45000 U	410 U	410 U
Acenaphthene	ug/kg	150 J10	640 J10	400 U	210 J1	7500 J1	410 U	410 U
Fluorene	ug/kg	86 J10	420 J10	400 U	140 J1	6500 J1	410 U	410 U
Phenanthrene	ug/kg	760 J7	4100 J7	400 U	1400	89000	220 J1	62 J1
Anthracene	ug/kg	190 J10	1200 J10	400 U	320 J1	20000 J1	91 J1	410 U
Fluoranthene	ug/kg	1400 J7	8000 J7	400 U	2000	220000	330 J1	49 J1
Pyrene	ug/kg	1400 J7	6800 J7	400 U	2200	240000	260 J1	410 U
Benzo(a)Anthracene	ug/kg	930 J7	3800 J7	400 U	1100	130000	96 J1	410 U
Chrysene	ug/kg	800 J7	3500 J7	400 U	1200	160000	120 J1	410 U
Benzo(b)fluoranthene	ug/kg	1200 J7	6400 J7	400 U	1200	140000	150 J1	410 U
Benzo(k)fluoranthene	ug/kg	460 J7	2400 J7	400 U	470 J1	62000	47 J1	410 U
Benzo(a)pyrene	ug/kg	1200 J7	5200 J7	400 U	1100	130000	88 J1	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	640 J7	2500 J7	400 U	500	55000	410 U	410 U
Dibenz(a,h)anthracene	ug/kg	120 J10	530 J10	400 U	490 U	16000 J1	410 U	410 U
Benzo(g,h,i)perylene	ug/kg	700 J7	2900 J7	400 U	530	53000	410 U	410 U
TOTAL PAHs	ug/kg	10073	48560	ND	12510	1335700	1402	111

TABLE 5.8
CUMULATIVE TOTALS - AREA E SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Polynuclear Aromatic Compounds			
Naphthalene	ug/kg	390 U	1500 J1
2 Methylnaphthalene	ug/kg	390 U	970 J1
Acenaphthylene	ug/kg	390 U	9000 U
Acenaphthene	ug/kg	390 U	3100 J1
Fluorene	ug/kg	390 U	5900 J1
Phenanthrene	ug/kg	60 J1	44000
Anthracene	ug/kg	390 U	18000
Fluoranthene	ug/kg	170 J1	59000
Pyrene	ug/kg	170 J1	49000
Benzo(a)Anthracene	ug/kg	90 J1	27000
Chrysene	ug/kg	120 J1	27000
Benzo(b)fluoranthene	ug/kg	140 J1	32000
Benzo(k)fluoranthene	ug/kg	60 J1	13000
Benzo(a)pyrene	ug/kg	88 J1	27000
Indeno(1,2,3-cd)pyrene	ug/kg	390 U	13000
Dibenz(a,h)anthracene	ug/kg	390 U	3800 J1
Benzo(g,h,i)perylene	ug/kg	46 J1	15000
TOTAL PAHs	ug/kg	946	339270

TABLE 5.8
CUMULATIVE TOTALS - AREA F SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB92-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	86 J1	50 J1	400 U	400 U	480 U	380 U	410 U
2-Methylnaphthalene	ug/kg	100 J1	44 J1	400 U	400 U	480 U	380 U	410 U
Acenaphthylene	ug/kg	740 U	400 U	400 U	400 U	480 U	380 U	410 U
Acenaphthene	ug/kg	320 J1	57 J1	400 U	400 U	480 U	380 U	410 U
Fluorene	ug/kg	400 J1	400 U	400 U	400 U	480 U	380 U	410 U
Phenanthrene	ug/kg	3500	600	78 J1	93 J1	67 J1	54 J1	67 J1
Anthracene	ug/kg	1000	140 J1	400 U	400 U	480 U	380 U	410 U
Fluoranthene	ug/kg	5400	960	55 J1	100 J1	480 U	77 J1	410 U
Pyrene	ug/kg	4000	890	43 J1	78 J1	480 U	50 J1	410 U
Benzo(a)Anthracene	ug/kg	2700	470	400 U	47 J1	480 U	380 U	410 U
Chrysene	ug/kg	2400	360 J1	400 U	45 J1	51 J1	380 U	410 U
Benzo(b)fluoranthene	ug/kg	2900	660	400 U	62 J1	60 J1	380 U	410 U
Benzo(k)fluoranthene	ug/kg	1100	170 J1	400 U	400 U	480 U	380 U	410 U
Benzo(a)pyrene	ug/kg	2500	420	400 U	55 J1	480 U	380 U	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	890	250 J1	400 U	400 U	480 U	380 U	410 U
Dibenz(a,h)anthracene	ug/kg	380 J1	400 U	400 U	400 U	480 U	380 U	410 U
Benzo(g,h,i)perylene	ug/kg	960	260 J1	400 U	400 U	480 U	380 U	410 U
TOTAL PAHs	ug/kg	28636	5331	176	480	178	181	67

TABLE 5.8
CUMULATIVE TOTALS - AREA F SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	390 U	380 U	390 U	360 U	390 U		38000 J1
2-Methylnaphthalene	ug/kg	390 U	380 U	390 U	360 U	390 U		20000 J1
Acenaphthylene	ug/kg	390 U	380 U	390 U	360 U	390 U		97000 U
Acenaphthene	ug/kg	390 U	380 U	390 U	360 U	390 U		77000 J1
Fluorene	ug/kg	390 U	380 U	390 U	360 U	390 U		70000 J1
Phenanthrene	ug/kg	390 U	82 J1	390 U	310 J1	89 J1		440000
Anthracene	ug/kg	390 U	380 U	390 U	360 U	390 U		110000
Fluoranthene	ug/kg	62 J1	180 J1	390 U	430	140 J1		440000
Pyrene	ug/kg	52 J1	160 J1	390 U	400	120 J1		350000
Benzo(a)Anthracene	ug/kg	390 U	78 J1	390 U	260 J1	83 J1		240000
Chrysene	ug/kg	390 U	77 J1	390 U	250 J1	79 J1		240000
Benzo(b)fluoranthene	ug/kg	49 J1	110 J1	390 U	290 J1	95 J1		240000
Benzo(k)fluoranthene	ug/kg	390 U	45 J1	390 U	90 J1	47 J1		110000
Benzo(a)pyrene	ug/kg	390 U	78 J1	390 U	260 J1	110 J1		230000
Indeno(1,2,3-cd)pyrene	ug/kg	390 U	45 J1	390 U	140 J1	62 J1		96000 J1
Dibenz(a,h)anthracene	ug/kg	390 U	380 U	390 U	360 U	390 U		34000 J1
Benzo(g,h,i)perylene	ug/kg	390 U	43 J1	390 U	140 J1	70 J1		100000
TOTAL PAHs	ug/kg	163	898	ND	2570	895	NA	2835000

TABLE 5.8
CUMULATIVE TOTALS - AREA F SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg		400 U	390 U	1700 J1	430 J1	1600 J1	400 U
2-Methylnaphthalene	ug/kg		400 U	390 U	910 J1	3000 U	13000 U	400 U
Acenaphthylene	ug/kg		400 U	390 U	1800 U	500 J1	13000 U	400 U
Acenaphthene	ug/kg		400 U	390 U	1300 J1	1000 J1	7000 J1	400 U
Fluorene	ug/kg		400 U	390 U	1500 J1	860 J1	8000 J1	400 U
Phenanthrene	ug/kg		80 J1	390 U	13000 D	7700	33000	56 J1
Anthracene	ug/kg		400 U	390 U	3300	2700 J1	13000	400 U
Fluoranthene	ug/kg		110 J1	78 J1	13000	19000	78000	50 J1
Pyrene	ug/kg		78 J1	76 J1	11000	20000	70000	46 J1
Benzo(a)Anthracene	ug/kg		43 J1	390 U	4500	7900	33000	400 U
Chrysene	ug/kg		52 J1	42 J1	3800	8200	39000	400 U
Benzo(b)fluoranthene	ug/kg		70 J1	52 J1	4600	16000	59000	400 U
Benzo(k)fluoranthene	ug/kg		400 U	390 U	970 J1	5000	16000	400 U
Benzo(a)pyrene	ug/kg		400 U	390 U	3400	11000	40000	400 U
Indeno(1,2,3-cd)pyrene	ug/kg		400 U	390 U	1500 J1	6900	18000	400 U
Dibenz(a,h)anthracene	ug/kg		400 U	390 U	430 J1	1400 J1	6100 J1	400 U
Benzo(g,h,i)perylene	ug/kg		400 U	390 U	1500 J1	6000	18000	400 U
TOTAL PAHs	ug/kg	NA	433	248	66410	114590	439700	152

TABLE 5.8
CUMULATIVE TOTALS - AREA F SOILS
POLYAROMATIC HYDROCARBONS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Polynuclear Aromatic Compounds								
Naphthalene	ug/kg	43 J1	75 J1	700	42 J1	720 J1	330 J1	390 U
2-Methylnaphthalene	ug/kg	360 U	380 U	300 J1	360 U	3700 U	2500 U	390 U
Acenaphthylene	ug/kg	360 U	380 U	610 U	360 U	3700 U	2500 U	390 U
Acenaphthene	ug/kg	360 U	48 J1	430 J1	360 U	2200 J1	1000 J1	390 U
Fluorene	ug/kg	360 U	66 J1	570 J1	360 U	1500 J1	700 J1	390 U
Phenanthrene	ug/kg	250 J1	380	3600	280 J1	12000	6000	85 J1
Anthracene	ug/kg	48 J1	50 J1	1000	77 J1	3600 J1	1700 J1	390 U
Fluoranthene	ug/kg	500	440	2800	480	21000	11000	390 U
Pyrene	ug/kg	510	430	2400	650	19000	10000	390 U
Benzo(a)Anthracene	ug/kg	330 J1	210 J1	1200	240 J1	10000	6300	390 U
Chrysene	ug/kg	330 J1	220 J1	1200	270 J1	11000	6500	390 U
Benzo(b)fluoranthene	ug/kg	420	280 J1	1200	310 J1	18000	9100	390 U
Benzo(k)fluoranthene	ug/kg	120 J1	110 J1	380 J1	130 J1	6400	3700	390 U
Benzo(a)pyrene	ug/kg	300 J1	190 J1	940	260 J1	14000	7000	390 U
Indeno(1,2,3-cd)pyrene	ug/kg	170 J1	100 J1	430 J1	200 J1	8600	4400	390 U
Dibenz(a,h)anthracene	ug/kg	360 U	380 U	120 J1	360 U	2000 J1	830 J1	390 U
Benzo(g,h,i)perylene	ug/kg	150 J1	96 J1	390 J1	190 J1	9000	4800	390 U
TOTAL PAHs	ug/kg	3171	2695	17660	3129	139020	73360	85

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

APPENDIX A
SOIL BORING LOGS

BORING LOG	Boring ID.: SSAS1-BG1-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: D
Drilling Started: 06/04/97	Drilling Ended: 06/04/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates	GS Elevation:

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		8		LAB	0-0.5			
		20				0-2 Topsoil, red clay pipe and dark brown SILTY CLAY		CL
		20		LAB	1-2			
		16						
		14			2-4	2-4 Very stiff olive brown SILTY CLAY, dry, trace to some medium to coarse sand		CL
		15						
		16						
		8						
5		10			4-6	4-6 Same as above		CL
		12						
		14						
		7						
		9		SHELBY	6-8	6-8 Same as above		CL
		14						
		14						
		6						
		9			8-10	8-10 Same as above		CL
		12						
		14						
10		7						CH
		8			10-12	10-12 Same as above to 11.2' then stiff gray CLAY, trace coarse sand		CH
		10						
		10						
		4						
		5						CH
		7		LAB	12-14	12-14 Soft gray CLAY, trace coarse sand, damp		
		9						
		4						
15		5			14-16	14-16 Same as above		CH
		7						
		8						
		4						
		5			16-18	16-18 Same as above		CH
		7						
		8						
		2						
		4			18-20	18-20 Same as above		CH
20		5						
		6						
						TD= 20 ft. SHELBY TUBE COLLECTED 6 TO 8 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/05/97	Drilling Ended: 05/05/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885169.5 E: 1156032.8	GS Elevation: 597.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	18.1	LAB	0-.5	0-.5 Soft dark brown SILTY CLAY, some fine gravel, moist		FILL
			18.8	LAB	1-2	1-2 Same as above		
			15.0		2-4	2-4 Soft brown to dark gray, fine to medium grained SAND, some silt lenses, damp		FILL
5			33.3		4-6	4-6 Stiff black and dark brown asphalt, construction debris, coal and silty clay, damp		
			414.0	LAB	6-8	6-8 Stiff black asphalt, construction debris, coal, silty clay, wet		FILL
						8-8.5 Same as above		
			410.0		8-10	8.5-10 Stiff olive brown and dark gray, SILTY CLAY, wet		FILL / CL
10						TD=10 ft.		
15								
20								
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/02/97	Drilling Ended: 05/02/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885196.4 E: 1156435.7	GS Elevation: 597.0

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	15.3	LAB	0-0.5			FILL
		12 12	13.3	LAB	1-2	0-2 Soft to light gray, SILTY CLAY from 0-0.5, stiff dark gray to olive brown, SILTY CLAY, some coarse sand to gravel, wet from 0.5-2		
		8 11 18 17	17.1		2-4	2-4 Same as interval 0.5-2		FILL
5		50	19.8		4-6	4-6 Same as interval 0.5-2		FILL
		9 11 16 18	23.4		6-8	6-8 Stiff black SILTY CLAY and black asphalt, some oil		FILL
		6 10 14 7	32.8	LAB	8-10	8-9.5 Same as above		FILL
10		9 15 20 21	22.1	SHELBY	10-12	9.5-10 Stiff olive brown, CLAY, trace fine gravel 10-12 Same as above		CH CH
		7 8 8 7	17.1		12-14	12-14 Same as above		CH
15		7 8 13 16	22.1		14-16	14-16 Soft to stiff olive brown CLAY to gray SILT, trace coarse gravel		CL
		8 9 17 16	19.8		16-18	16-18 Same as above		CL
		6 11 14 22	15.5		18-20	18-20 Same as above with fine gravel		CL
20						TD= 20 ft. SHELBY TUBE COLLECTED 10 TO 12 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/05/97	Drilling Ended: 05/05/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885220.6 E: 1156096.4	GS Elevation: 598.4

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES Analyses	CHEMICAL SAMPLES Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		12 80	18.0	LAB	0-0.5	0-2 Stiff olive brown to brown SILTY CLAY, some construction debris, damp		FILL
			21.3	LAB	1-2			
		11 8 14 19	15.1		2-4	2-4 Stiff olive brown SILTY CLAY trace fine gravel to 3.5' then loose olive brown to gray fine to medium SAND and construction debris, damp		FILL
5		8 15 30	15.4		4-6	4-6 Stiff olive brown SILTY CLAY, some lenses of fine sand, construction debris, damp		
		15 17 18 17	312.0		6-8	6-8 Same as above with asphalt		FILL
		17 15 19	133.0		8-10	8-10 Loose black and gray SILTY CLAY, some coarse gravel and construction debris		FILL
10		5 6 8	258.0		10-12	10-12 Soft olive brown to black SILTY CLAY, some fine to medium sand lenses, asphalt, construction debris, moist		FILL
		9 4	237.0		12-14	12-14 Very stiff olive brown SILTY CLAY, trace fine gravel, oil in void spaces, damp		CL
15		13 9 5 6 12	540.0	LAB	14-16	14-16 Same as above		CL
		3 9 12	80.5		16-18	16-18 Very stiff olive brown SILTY CLAY, some coarse sand, moist		CL
		13 14 15	18.8		18-20	18-20 Stiff gray SILT, some clay bands, trace fine gravel, moist		
20						TD= 20 ft.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/05/97	Drilling Ended: 05/05/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885247.1 E: 1156282.8	GS Elevation: 599.2

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		9	8.4	LAB	0-0.5	0-1 Soft dark brown SILTY CLAY, some fine gravel, damp		FILL
		36 62		LAB	1-2	1-2 Same as above with construction debris		FILL
		11 11 17 12	7.0		2-4	2-4 Same as above		
5		11 11 12 12	6.8		4-6	4-6 Loose black, medium to coarse SAND and GRAVEL, moist		FILL
		37 35 41 32	97.4		6-8	6-8 Loose black fine grained SAND and GRAVEL, construction debris, moist		FILL
		8 10 17 8	160.0		8-10	8-10 Loose black medium to coarse SAND and fine gravel, asphalt, oily		FILL
10		8 6 9 17	181.0		10-12	10-12 Loose black asphalt to 11', thin stiff black SILTY CLAY, oily		FILL
		6 8 11 12	147.0		12-14	12-14 Stiff olive brown to black SILTY CLAY, trace fine gravel, moist		CL
15			778.0	LAB	14-16	14-16 Stiff olive brown to black SILTY CLAY, trace fine gravel, wet		CL
						TD= 16 ft.		
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB05	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577.03000	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: D
Drilling Started: 05/06/97 0807	Drilling Ended: 05/06/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885078.7 E: 1156277.9	GS Elevation: 600.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		9	5.8	LAB	0-0.5			FILL
		8 4	11.3	LAB	1-2	0-2 Stiff dark brown SILTY CLAY, some fine gravel, dry		
		4 4	10.3		2-4	2-4 Very stiff dark brown to dark gray SILTY CLAY and medium to coarse sand, dry		FILL
5		2 3 4	15.0		4-6	4-6 Very stiff brown SILTY CLAY, some medium sand, and gray clay, trace to some medium to coarse sand, dry, brick fragments		
		4 4	20.7		6-8	6-8 Loose black and brown asphalt, construction debris, sand and gravel, wood, dry		FILL
		4 4	18.8		8-10	8-10 Same as above		FILL
10		5 4						
		5	31.2		10-12	10-11 Obstruction to 11', 11-12 Loose asphalt, construction debris, sand and gravel, wood, dry		FILL
		10 4	48.8		12-14	12-14 Stiff olive brown to dark gray, CLAY, trace to some fine sand, dry, oil in void spaces		CH
15		4 3	154.0		14-16	14-16 Very stiff olive brown SILTY CLAY trace fine gravel, oil in void spaces, homogenous		CL
		3	210.0	LAB	16-18	16-18 Stiff olive brown SILTY CLAY, trace medium to coarse sand, moist		CL
		3 4	73.4		18-20	18-20 Very stiff olive brown to gray CLAY, trace fine gravel, damp		
20						TD= 20 ft.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB06	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/06/97	Drilling Ended: 05/06/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885107.7 E: 1156148.9	GS Elevation: 600.0

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		22	15.8	LAB	0-0.5	0-1 Coarse dark gray-brown SILT and fine SAND, some coarse gravel, dry		FILL
		12						
		17	10.8	LAB	1-2	1-2 Same as above with construction debris		FILL
		10						
		11						FILL
		12	18.1		2-4	2-4 Soft black and reddish brown SILTY CLAY and SAND, construction debris, moist		
		11						
		9						
5		8						FILL
		17	21.1	LAB	4-6	4-6 Soft dark brown SILTY CLAY and black sand and gravel, some construction deris, moist		
		18						
		28						
		60						FILL
			41.7		6-8	6-8 Loose SAND and GRAVEL, wet		
						TD= 8 ft.		
10								
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS'-SCA-SB07	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/06/97	Drilling Ended: 05/06/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Caillahan	Borehole Coordinates N: 1884945.0 E: 1156155.3	GS Elevation: 600.0

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		8	13.0	LAB	0-0.5	0-0.5 Soft dark brown-gray SILTY CLAY, trace to some fine to medium gravel, damp		FILL
		3 4 4	15.7	LAB	1-2	1-2 Stiff dark gray SILTY CLAY, some coarse sand to fine gravel, construction debris, damp		FILL
		3 4 4	11.2		2-4	2-4 Stiff dark gray SILTY CLAY and SAND, trace fine gravel, moist		F
5		3 4 4	13.1		4-6	4-6 Same as above, dry		FILL
		3 4 4	8.3		6-8	6-8 Loose black SAND and GRAVEL, fine sand and bricks, wet		FILL
		3 4 4	85.5	LAB	8-10	8-10 Loose black fine SAND and fine GRAVEL, tan bricks, wet		FILL
10		3 4 4	58.1		10-12	10-12 Stiff black CLAY wet to 11' then black sand and gravel, oily		CL
		3 4 4	43.3		12-14	12-14 Very stiff olive brown to light gray CLAY to SILTY CLAY, wet		CL
15		3 4 4	11.4		14-16	14-16 Same as above		
						TD= 16 ft.		
20								
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB08	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/06/97	Drilling Ended: 05/06/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884806.9 E: 1156191.5	GS Elevation: 599.4

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		9	9.1	LAB	0-0.5			
		8 10	8.5	LAB/SHE	1-2	0-2 Stiff dark brown-gray SILTY CLAY, trace to some fine gravel, dry		FILL
		10 11 13 14	6.8		2-4	2-4 Loose brown to gray fine to medium SAND, few silt layers and coarse gravel, wet		FILL
5		5 10 12 14	9.0		4-6	4-6 Same as above becoming dark gray with construction debris, moist		FILL
		30 38 40 47	29.1		6-8	6-8 Tar, plywwod, brick, white rock, dry		FILL
		15 20 24 20	1899.0		8-10	8-10 Tar and black fine to coarse SAND and brick, construction debris oozing with tar		FILL
10		5 5 8 10	125.0		10-12	10-12 Same as above to 11', then stiff dark gray SILTY CLAY, oil in voids		FILL / CL
		5 7 8 10	134.0	LAB	12-14	12-14 Stiff to soft olive brown CLAY and gray SILTY CLAY, some oil		CL
15		3 6 9 12	98.1		14-16	14-16 Stiff olive brown, CLAY, abundant oil in voids		CH
		4 6 7 10	22.1		16-18	16-18 Very stiff light gray and olive brown CLAY, trace coarse sand, no oil present, damp		CH
						TD= 18 ft. SHELBY TUBE COLLECTED 0.5 TO 2.5 FT.		
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB09	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/07/97	Drilling Ended: 05/07/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884745.0 E: 1156032.1	GS Elevation: 595.3

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES Analyses	CHEMICAL SAMPLES Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		7	4.7	LAB	0-0.5	0-1 Soft dark gray-brown SILTY CLAY, some fine to medium sand, dry		FILL
		34 57	5.0	LAB	1-2	1-2 Loose black medium to coarse SAND, construction debris, bricks, moist		FILL
		9 15 28 42	5.3		2-4	2-4 Same as above, wet		FILL
5		9 15 5 10	5.3	LAB	4-6	4-6 Loose black fine to medium grained SAND, wet to 5.5', stiff black SILTY CLAY, trace fine gravel, moist		
		8 10 15 24	4.4		6-8	6-8 Stiff olive brown SILTY CLAY, trace fine gravel, dry		CL
		8 11 14 19	5.2		8-10	8-10 Same as above		CL
10						TD= 10 ft.		
15								
20								
25								
30								

BORING LOG	Boring ID.: SSAS1-SCA-SB10	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/07/97	Drilling Ended: 05/07/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884693.6 E: 1156108.2	GS Elevation: 595.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		7	2.4	LAB	0-0.5	0-0.5 Loose brown fine to medium SAND and some SILT, dry		FILL
		28 47 100	1.2	LAB	1-2	1-2 Same as above to 1.2' then concrete		FILL
			1.7		2-4	2-4 Concrete		
5		18 17 12 17	2.2		4-6	4-6 Stiff black CLAY, some sand and gravel in 1" beds, dry		FILL
		4 5 6 9	2.8		6-8	6-8 Stiff dark gray to olive brown SILTY CLAY, trace fine gravel,damp		CL
		5 7 11 14	1.0		8-10	8-10 Stiff olive brown SILTY CLAY, trace fine gravel, dry		CL
10		6 8 14 14	8.2	LAB	10-12	10-12 Same as above		CL
		6 7 10 10	1.9		12-14	12-14 Soft gray CLAY, thin irregular bands of fine sand, moist		CH
15		14 14 20 22	4.3		14-16	14-16 Very stiff gray SILT, trace fine sand, some coarse sand, dry		ML
		12 14 18 27	6.1		16-18	16-18 Very stiff gray CLAY, few very thin bands of medium to coarse sand, damp		CH
		8 14 12 22	4.9		18-20	18-20 Same as above without bands of sand		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS'-SCA-SB11	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/07/97	Drilling Ended: 05/07/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884785.2 E: 1156298.1	GS Elevation: 600.1

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	8.8	LAB	0-0.5	0-0.5 Soft dark gray-brown SILTY CLAY, some fine sand and coarse gravel, dry		FILL
			8.2	LAB	1-2	1-2 Very stiff dark brown SILTY CLAY, trace to some fine gravel, dry		FILL
			5.1		2-4	2-3.5 Dense dark brown fine to medium grained SAND, dry 3.5-4 Very stiff dark brown SILTY CLAY, dry		FILL
5			4.5		4-6	4-6 Very stiff dark brown-gray SILTY CLAY, trace to some sand, wood and brick, dry		
			3.7		6-8	6-8 Loose, SAND ,asphalt, brick, gravel, dry		FILL
			7.8		8-10	8-10 Loose black SAND and GRAVEL, some asphalt, oil and clay, dry		FILL
10			4.1		10-12	10-12 Stiff dark gray and olive brown SILTY CLAY, trace fine gravel, damp		FILL
			10.4		12-14	12-14 Soft dark gray SILTY CLAY, greasy/oily, trace fine gravel, moist		FILL
15			14.8	LAB	14-16	14-16 Very soft dark gray SILTY CLAY, some fine to medium sand in pockets, oily asphalt, moist, railroad tie at 15.5		FILL
					16-18	16-18 No recovery		FILL
		8 12 15	11.2		18-20	18-20 Soft dark gray SILTY CLAY, very oily, wood fragments, wet		
20						TD= 20 ft.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB12	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/07/97	Drilling Ended: 05/07/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884856.7 E: 1156294.4	GS Elevation: 600.2

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	3.8	LAB	0-0.5	0-0.5 Stiff light brown-gray SILTY CLAY, trace to some fine gravel,dry		FILL
		17 40	4.1	LAB	1-2	1-2 Very stiff light brown SILTY CLAY and medium to coarse sand, dry		
		26 31 36 17	3.5		2-4	2-4 Same as above with bricks		FILL
5		18 20 20 22	8.1	LAB	4-6	4-6 Same as above		FILL
		29 100 50	7.8		6-8	6-8 Fine SAND, bricks, rocks, black silty clay		FILL
		100			8-10	8-10 No recovery, redrilled 10' north of location , refusal at 10.5'		FILL
10						TD= 10.5 ft.		
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS'-SCA-SB13	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/07/97	Drilling Ended: 05/08/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884629.7 E: 1156465.6	GS Elevation: 598.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		4	5.7		0-0.5	0-0.5 Loose dark brown-gray SILTY CLAY, some fine to coarse sand, dry		FILL
		10	10.2	LAB/SHE	1-2	1-2 Stiff gray CLAY and fine to medium sand, dry		
		4	4.4		2-4	2-4 Stiff dark brown SILTY CLAY, some coarse gravel and medium to coarse sand, dry		FILL
5		50/5"	8.1	LAB	4-8	4-8 Same as above, concrete at 5.25 ft.		
					8-8	8-8 Concrete, solid slab, no sample		FILL
		22			8-10	8-10 4" of tar, no sample		FILL
10		25			10-12	10-12 2" of tar, no sample		FILL
		6	5.2		12-14	12-14 Stiff olive brown SILTY CLAY, trace to some medium to coarse sand, damp		CL
15		3	8.4		14-16	14-16 Soft gray and olive brown SILTY CLAY, trace to some medium to coarse sand, damp		CL
		2	8.2		16-18	16-18 Very soft light gray CLAY, trace coarse sand, wet		CH
		3	5.4		18-20	18-20 Same as above		
20						TD= 20 ft. SHELBY TUBE COLLECTED AT 0.5 TO 2.5 FT.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB14	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/08/97	Drilling Ended: 05/08/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884934.6 E: 1156446.1	GS Elevation: 600.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		5	8.4	LAB	0-0.5	0-0.05 Loose dark brown fine to medium SAND and soft SILTY CLAY, wet		FILL
		5	8.9	LAB	1-2	1-2 Very stiff olive brown SILTY CLAY some coarse SAND and bricks,damp		FILL
		11						
		12						FILL
		33	12.3		2-4	2-4 Same as above		
		35						
		41						
5		14						FILL
		27	7.2	LAB	4-6	4-6 Dense dark brown to gray fine to medium SAND, trace fine gravel, damp		
		18						
		20						FILL
		8						
		14	6.6		6-8	6-8 Same as above with brick fragments		
		15						
		17						FILL
		9						
		9	10.4		8-10	8-10 Same as above, some clay in bands		
		15						
10		13						CH
		7						
		9	6.6		10-12	10-12 Very stiff dark gray CLAY, trace coarse sand, dry		
		13						
		19						CL
		7						
		11	6.5		12-14	12-14 Very stiff to soft olive brown SILTY CLAY, trace gravel, dry		
		14						
		17						CH
		5						
15		11	7.9		14-16	14-16 Very stiff to soft olive brown and gray CLAY, trace to some silt, moist		
		11						
		15						CH
		5						
		7	4.5		16-18	16-18 Same as above, irregular wisps of sand		
		8						
		12						CH
		5						
		7	8.2		18-20	18-20 Same as above		
		9						
20		14						
						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB15	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago		Project No: 730577
Client/Project: AlliedSignal, Inc./The Celotex Corporation		Contractor: Parsons Engineering Science, Inc.
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/13/97		Drilling Ended: 05/13/97
Drilling Method: 4.25" Hollow-Stem Auger		Boring Dia: 10"
Geologist: D.Callahan	Borehole Coordinates N: 1885237.1 E: 1156177.8	GS Elevation: 599.3

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		7	8.7	LAB	0-0.5	0-0.5 Loose gray fine SAND and SILT, plywood, damp		FILL
		8	5.8	LAB	1-2	1-2 Stiff gray SILTY CLAY, some coarse SAND, wood		FILL
		18	8.2		2-4	2-4 Dense gray-brown fine to medium SAND some clay, damp		
5		2	8.7		4-8	4-8 Soft black-gray to olive brown SILTY CLAY, some fine to medium SAND in layers, brick fragments, damp		FILL
		3	18.3		8-8	8-8 Dense black medium to coarse SAND and fine to coarse GRAVEL, oily coal, wood, bricks, damp		FILL
		3	24.0		8-10	8-10 Same as above, but very oily and wet		
10		4	15.8		10-12	10-12 Soft olive brown SILTY CLAY, trace coarse sand, very oily outside, some oil in voids, wet		CL
		4	59.3	LAB/SHE	12-14	12-14 Same as above, stiff, abundant oil in void spaces		CL
15		3	48.8		14-16	14-16 Same as above, thin bed of coarse gravel, less oily		CL
		3	31.3	SHELBY	16-18	16-18 Soft gray SILTY CLAY, some brown fine sand in wisps, damp		CL
		2	11.2		18-20	18-20 Stiff gray CLAY, trace coarse sand, damp		
20						TD= 20 Ft. SHELBY TUBES COLLECTED AT 12 TO 14 FT. AND 18 TO 18 FT.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCA-SB16	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/14/97	Drilling Ended: 05/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884990.9 E: 1156205.7	GS Elevation: 600.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	15.0	LAB	0-0.5	0-0.5 Soft olive brown SILTY CLAY, some coarse gravel, moist		FILL
		7, 10	13.9	LAB	1-2	1-2 Stiff dark brown SILTY CLAY, some coarse sand to gravel, damp		
		12, 18	14.8		2-4	2-4 Same as above, but very stiff		FILL
		20, 20						
		9, 10						FILL
5		12, 18	12.8		4-8	4-8 Same as above		
		9, 18			6-8	6-7.5 Loose light brown fine to medium SAND, well sorted, dry concrete at 7.5		FILL
		43, 58	28.0			7.5-8 No recovery		
		70			8-10	8-10 No recovery		FILL
10		18				10-12 Unable to drill, moved 5', blind drill to 12'		FILL
		6, 8						FILL
		9, 14	73.8	LAB	12-14	12-14 Very stiff olive brown SILTY CLAY, some coarse sand to fine gravel, wet on outside, 2-1" layers of coal tar		
		9, 12						CL
15		19, 21	54.8		14-16	14-16 Stiff olive brown SILTY CLAY abundant oil in void spaces		
		16, 22						CL
		12, 14	20.1		16-18	16-18 Same as above, no oil in voids only on surface		
		7, 9						CH
20		13, 18	15.3		18-20	18-20 Very stiff gray CLAY, trace coarse sand, dry		
						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS'-SCB-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 04/30/97	Drilling Ended: 04/30/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885416.1 E: 1156284.6	GS Elevation: 596.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		8	28.1		0-0.5			
		44	18.0	LAB	1-2	0-2 Soft dark gray to brown CLAY, some fine GRAVEL		FILL
		4	23.8		2-4	2-4 Stiff dark brown to olive SILTY CLAY, some coarse SAND and fine gravel		FILL
5			47.8	LAB	4-6	4-6 Soft dark gray silty clay, black tar, oily at 6', obstruction (concrete) at 6.5', moved rig 5' and redrilled		
			34.5		6-8	6-8 Soft black SILTY CLAY and SAND		CL
			43.7		8-10	8-10 Soft black SILTY CLAY and SAND, wet		CL
10						TD= 10 ft.		
15								
20								
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/01/97	Drilling Ended: 05/01/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: W. Borchardt	Borehole Coordinates N: 1885592.3 E: 1156215.7	GS Elevation: 596.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		8	4.0	LAB	0-0.5			FILL
		8	6.8	LAB	1-2	0-2 Brown-black, SAND CLAY, SILT, GRAVEL, coal fragments, cinders, moist		
		10						
		6						FILL
		12						
		12	18.1		2-4	2-4 Brown-black SILTY SAND with GRAVEL, cinders coal, moist		
		13						
		4						GC
5		6	14.0	LAB	4-6	4-6 Soft GRAVEL and CLAY, saturated		
		6						
		8						GC
		2						
		3	1.2		6-8	6-8 Gray-brown mottled CLAY, wet bottom black GRAVEL and CLAY, saturated		
		3						
		2						
						TD= 8 ft.		
10								
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/01/97	Drilling Ended: 05/01/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: W. Borchardt	Borehole Coordinates N: 1885670.9 E: 1156394.7	GS Elevation: 597.2

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	13.4	LAB	0-0.5	0-0.5 Topsoil, SILTY-SANDY CLAY, gravelly, dry		FILL
		24	18.4	LAB	1-2	1-2 Cinders, sand, gravel, black to brown, dry		FILL
		3	8.2		2-4	2-4 Tan, black-brown SAND and GRAVEL, SILT and CLAY, dry		FILL
5		4	28.0		4-8	4-8 Black CLAYEY, SILTY, SAND with cinders top 14", 2" layer of brown compacted clayey (brick like), bottom 3", gray limestone rock		F
		4	178.0	LAB	8-8	8-8 Black cinders sand, bottom 4" black silty clay, liquid at contact		FILL
		4	41.8		8-10	8-8.5 Same as above 8.5-10 Gray-olive SITLY CLAY mottled, soft, plastic		CL
10		3	48.1		10-12	10-12 Gray, olive SILTY CLAY with black mottling, soft, plastic, moist		CL
		3	188.0		12-14	12-14 Top 4" black SILTY CLAY, moist, gray-brown olive, SILTY CLAY, with black mottling, oil oozing from pores, strong odor, moist		CL
15		3	22.8		14-18	14-18 Gray CLAY, very soft, very plastic, moist to wet, pebbles		CH
		2	8.4		18-18	18-18 Same as above, more wet		CH
		3	15.2		18-20	18-20 Same as above, bottom 12" less silty, plastic, moist		
20						TD = 20 ft.		
25								
30								

BORING LOG	Boring ID.: SSAS1-SCB-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/01/97	Drilling Ended: 05/01/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: W.Borchardt	Borehole Coordinates N: 1885589.0 E: 1156331.6	GS Elevation: 596.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		8	11.8	LAB	0-0.5			
		20	8.4	LAB	1-2	0-2 Black cinders, brick pieces, gravel, sand, dry		FILL
		14						
		8	160.0		2-4	2-4 Charred wood, cinders, tar, gravel, dry		FILL
		8						
		10						
		14						
5		22	50.1	LAB	4-6	4-6 Mixed wood fragments, charred wood, cinders, tar, possible foundry sand, weathered brick fragments		FILL
		23						
		18						
		12						
		5	27.1		6-8	6-8 Black cinders, tar, black silty sand		FILL
		8						
		11						
						8-8.5 Black cinders and gravel		FILL
			19.5		8-10	8.5-10 Black to olive-gray SILTY CLAY, mottled, soft, plastic, moist		CL
10						TD= 10 ft.		
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB05	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/01/97	Drilling Ended: 05/01/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: W. Borchardt	Borehole Coordinates N: 1885413.1 E: 1156166.7	GS Elevation: 598.4

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		4	18.3	LAB	0-0.5			FILL
		10 23 15 17 14	38.0	LAB	1-2	0-2 Dark brown SANDY SILT, trace gravel, moist		FILL
			23.2		2-4	2-4 Dark brown to black SILTY SAND and gravel, moist		
5					4-8	4-8 Railroad tie, no sample		CL
		6 8 9 11 8	28.0	LAB	8-8	8-8 Olive gray with brown mottled CLAY, soft, plastic, moist		CH
		6 6 8 8	19.7		8-10	8-10 Same as above		CH
10		2 10 15	19.3		10-12	10-12 Olive brown SILTY CLAY with gray mottling, semi-plastic, hard, moist		CL
		3 6 5 11				12-14 Same as above		CL
						TD= 14 ft.		
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB06	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 05/02/97	Drilling Ended: 05/02/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885259.1 E: 1156434.8	GS Elevation: 595.7

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		18	9.0	LAB	0-0.5			
		8 11	9.2	LAB	1-2	0-2 Light brown fine to medium grained SAND, some SILT, damp		FILL
		50	12.0		2-4	2-4 Same as above		FILL
5		14 9 7 8	14.4		4-6	4-6 Same as above with concrete and rubble		FILL
		4 6 8 12	12.8		6-8	6-8 Stiff black to olive brown CLAY, trace fine gravel, damp		CH
		5 8 14 20	8.5		8-10	8-10 Very stiff olive brown CLAY, some fine gravel		CH
10		7 11 15 16	11.2		10-12	10-12 Stiff olive brown CLAY, trace fine gravel, damp		CH
		5 8 12 14	5.0		12-14	12-14 Same as above		CH
		5 12 13 24	19.7	LAB	14-16	14-16 Stiff gray SILTY CLAY, some fine gravel, 4" sand seam medium grained, wet		CL
15		6 9 13 19	11.3		16-18	16-18 Slightly stiff gray CLAYEY SILT, trace fine gravel, dry		ML
		5 11 15 18	9.5		18-20	18-20 Same as above		ML
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB07	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/13/97	Drilling Ended: 05/13/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885656.2 E: 1156161.5	GS Elevation: 595.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		8	14.4	LAB	0-0.5			FILL
		7	7.7	LAB	1-2	0-2 Loose light brown to dark gray fine to medium SAND and SILT, damp		
		3	8.1		2-4	2-4 Stiff dark brown and black medium to coarse grained SAND and fine GRAVEL, brick fragments, asphalt		FILL
5		4	20.8		4-6	4-6 Same as above		CL
		6	8.9		6-8	6-8 Stiff olive brown and gray SILTY CLAY, some fine gravel, damp		CL
		10	7.8		8-10	8-10 Same as above		CL
10		14	34.0	LAB	10-12	10-12 Same as above, soft, wet		CL
		4	17.7		12-14	12-14 Same as above		ML
15		18	18.2		14-16	14-16 Very stiff gray CLAYEY SILT, trace to some coarse sand, dry		CH
		24	9.7		16-18	16-18 Very stiff gray CLAY, trace coarse sand, damp		
		24	18.8		18-20	18-20 Same as above to 18.5', Stiff gray and multicolored fine to medium grained SAND, moist		SP
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCB-SB08	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/13/97	Drilling Ended: 05/13/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885514.5 E: 1156350.1	GS Elevation: 596.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		11	7.0	LAB	0-0.5			FILL
		7 8	3.2	LAB	1-2	0-2 Loose black, white, and light brown fine to coarse SAND and fine gravel, damp		
		9 12 14 11	5.1		2-4	2-4 Same as above with 4" thick tar beds		FILL
5		8 13 21 12	5.1		4-6	4-6 Loose black coarse SAND and fine GRAVEL, tar, coal, bricks, oily		FILL
		7 7 11 15	3.7		6-8	6-8 Soft to stiff black CLAY to 7.8' then stiff olive-brown SILTY CLAY moist		CL
		7 11 14 13	4.0		8-10	8-10 Soft olive brown SILTY CLAY, trace to some coarse sand, moist clay, wet.		CL
10		8 6 7 10	8.8		10-12	10-12 Same as above with oil in voids		CL
		7 7 8 11	18.5	LAB	12-14	12-14 Stiff gray CLAY some brown streaks of fine to medium sand, dry		CH
15		7 11 12 16	14.4		14-16	14-16 Same as above, very stiff, no sand, trace fine gravel		CH
		7 9 19 24	10.0		16-18	16-18 Same as above		CH
		8 11 13 18	9.5		18-20	18-20 Same as above		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS'-SCC-SBO'	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 04/29/97	Drilling Ended: 04/29/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885835.6 E: 1156397.7	GS Elevation: 597.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
			20.8	LAB	0-0.5	0-0.5 Loose dark brown SAND and SILT, dry		FILL
			28.0	LAB	0.5-2	0.5-1.5 Firm light brown SILTY CLAY		FILL
			23.4		2-4	1.5-4 Very loose olive brown to black, brick, purple to gray SAND, construction debris, small pockets of black tar, coal		FILL
5			18.5	SHELBY	4-6	4-6 Same as above		FILL
			74.3		6-8	6-8 Black oily tar and construction debris		FILL
						8-8.5 Same as above		
			18.3		8-10	8.5-10 Olive brown CLAY, trace silt, damp		CH
10			17.8		10-12	10-12 Olive brown CLAY, brown and oily material seeping		CH
			154.0	LAB	12-14	12-14 Same as above		CH
15			11.3		14-16	14-16 Light gray to olive brown soft CLAY		CH
			8.8		16-18	16-18 Soft to stiff light gray CLAY homogenous, damp		CH
			11.8		18-20	18-20 Stiff gray CLAY, trace fine gravel, laminated, damp		
20						TD= 20 ft. SHELBY TUBE COLLECTED FROM 4 TO 8 FT.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCC-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 04/30/97	Drilling Ended: 04/30/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885753.5 E: 1156232.8	GS Elevation: 597.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	9.7	LAB	0-0.5			
		9				0-2 Loose brown SILT, SAND, CLAY		FILL
		24	19.3	LAB	1-2			
		4						
		10						FILL
		13	20.1	SHELBY	2-4	2-4 Loose black construction debris, sand, coal tar, coal		
		7						
		27						
5		25						FILL
		46	28.9		4-6	4-6 Loose black to brown coal, SILTY CLAY and sand, construction debris		
		42						
		5						
		14						FILL
		6	989.0	LAB	6-8	6-8 Loose black SAND with tar odor, construction debris, gray CLAY with metallic sheen, wet		
		12						
		6						
		4				8-9.5 Black loose SAND		SP
		6	88.8		8-10			
10		10				9.5-10 Black to dark gray CLAY		CH
		4						
		6						CH
		8	75.3		10-12	10-12 Stiff olive brown CLAY, trace fine gravel		
		13						
		5						
		6						CH
		9	252.0		12-14	12-14 Same as above with oily substance		
		1						
		4						
15		5						CH
		5	71.8		14-16	14-16 Same as above, soft no oil		
		7						
		4						
		3						CH
		10	37.3		16-18	16-18 Same as above		
		15						
		4						
		12						CH
		12	13.8		18-20	18-20 Same as above		
		19						
20						TD= 20 ft. SHELBY TUBE COLLECTED FROM 2 TO 4 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS*-SCC-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Mike Swanson, Luke Hall	OSHA Level: Modified D
Drilling Started: 04/30/97	Drilling Ended: 04/30/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885781.6 E: 1156302.6	GS Elevation: 599.4

DEPTH (feet)	SAMPLE INTERVAL / BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		24.7	LAB	0-0.5			FILL
		30.8	LAB	1-2	0-2 Loose dark brown to dark gray SILTY CLAY		
		248.0		2-4	2-4 Loose black SAND and construction debris, tar very hard, dry		FILL
5		242.0		4-6	4-6 Black very hard tar and black loose SAND, 2" block of wood		F
		732.0		6-8	6-8 Same as above		FILL
		1084.0	LAB	8-10	8-10 Black SAND, wood, construction debris, tar,dripping with oil		FILL
10		125.0		10-12	10-12 Olive brown to black CLAY with sand and silt, oil in voids		CH
		88.8		12-14	12-14 Stiff olive brown CLAY trace fine gravel, oil in voids		CH
15		183.0		14-16	14-16 Very stiff light gray SILTY CLAY, trace fine gravel, saturated		CL
					TD= 16 ft.		
20							
25							
30							

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCC-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/13/97	Drilling Ended: 05/13/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885846.9 E: 1156310.1	GS Elevation: 598.0

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0	X	5	6.2	LAB	0-0.5	0-0.5 Loose dark gray fine to medium SAND and SILT		FILL
	X	21 26	5.3	LAB	1-2			FILL
	X	19 50 57 18	5.3		2-4	2-4 Concrete, loose black SILTY CLAY, concrete rubble, moist		FILL
5	X	5 11 11 12	5.3		4-6	4-6 Loose black SAND and GRAVEL, wood chips, coal, cinders, dry		FILL
	X	9 6 6 9	34.4		6-8	6-7 Same as above 7-8 Stiff black SILTY CLAY very oily, wet		FILL CL
	X	5 5 5 5	10.1		8-10	8-10 Very stiff dark gray and olive brown SILTY CLAY, oily, wet		CL
10	X	6 7 9 16	14.9		10-12	10-12 Stiff olive brown SILTY CLAY, some coarse sand, damp		CL
	X	7 9 10 12	16.5		12-14	12-14 Same as above, oil in voids		CL
	X	6 8 9 11	29.4	LAB	14-16	14-16 Same as above, oil in voids		CL
15	X	6 7 7 8	6.5		16-18	16-18 Soft light gray CLAY, some silt and fine sand, wet, oily suface sheen		CH
	X	5 6 7 10			18-20	18-20 No recovery		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCD-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago		Project No: 730577
Client/Project: AlliedSignal, Inc./The Celotex Corporation		Contractor: Parsons Engineering Science, Inc.
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/08/97	Drilling Ended: 05/08/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885202.0 E: 1156502.6	GS Elevation: 596.3

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		8	0.0	LAB	0-0.5			
			0.7	LAB/SHE	1-2	0-2 Loose gray-brown fine to medium SAND and CLAY, trace fine gravel, damp		SC
			2.7		2-4	2-4 Same as above with CLAYEY SAND lenses		SC
5			0.7		4-6	4-6 No recovery, rock		
			4.0		6-8	6-8 Very stiff black to olive brown SILTY CLAY, some medium to coarse sand, dry		CL
			2.8		8-10	8-10 Same as above		CL
10			4.3		10-12	10-12 Same as above, but very oily		CL
			7.0	LAB	12-14	12-14 Same as above, not oily, fine sand lenses		CL
15			4.8		14-16	14-16 Soft gray CLAY, moist		CH
			5.8	SHELBY	16-18	16-18 Very stiff gray SILT, dry		ML
			8.7		18-20	18-20 Same as above		
20						TD= 20 ft. SHELBY TUBES COLLECTED 0.5 TO 2.5 FT. AND 16 TO 18 FT.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCD-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/08/97	Drilling Ended: 05/08/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885208.6 E: 1156730.4	GS Elevation: 595.9

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	1.8	LAB	0-0.5			
		6 7	4.3	LAB	1-2	0-2 Loose brown fine to medium grained SAND, some CLAY, dry		SC
		50	8.1		2-4	2-4 Same as above		SC
5		11 11 12 11			4-6	4-6 No recovery		SC
		7 8 11 12	21.1		6-8	6-8 Stiff olive brown SILTY CLAY, trace to some fine to medium sand, dry		CL
		6 8 10 10	40.2	LAB	8-10	8-10 Same as above, soft		CL
10		9 10 13 18	19.1		10-12	10-12 Same as above, stiff		CL
		7 10 12 13	5.2		12-14	12-14 Soft gray CLAY some fine to medium brown sand streaks, moist		CH
15		5 5 6 22	2.9		14-16	14-16 Same as above to 15.8' then very stiff gray SILT, dry		CH
		26 34 36 28	7.5		16-18	16-18 Very stiff gray SILT, dry		ML
		14 21 41 52	2.4		18-20	18-20 Same as above		ML
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCO-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago		Project No: 730577
Client/Project: AlliedSignal, Inc./The Celotex Corporation		Contractor: Parsons Engineering Science, Inc.
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/12/97	Drilling Ended: 05/12/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885129.7 E: 1156594.3	GS Elevation: 598.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		7	5.5	LAB	0-0.5			FILL
			8.2	LAB	1-2	0-2 Loose to stiff gray fine SAND and SILT, trace fine gravel, dry		
			8.8		2-4	2-4 Loose multicolored SAND, fine to medium grained, asphalt, sand and gravel, wet		FILL
5			17.0	LAB	4-8	4-8 Loose black and brown fine to medium SAND, asphalt, gravel, odor, wet		
			9.5		8-8	8-8 Firm black fine to coarse SAND some fine gravel and clay, wet		SW
						8-8.5 Same as above		SW
			8.4		8-10	8.5-10 Stiff olive brown SILTY CLAY, damp		CL
10			7.1		10-12	10-12 Stiff olive brown SILTY CLAY, trace to some coarse sand, damp		CL
			4.1		12-14	12-14 Same as above		CL
15			15.0		14-18	14-18 Very stiff gray CLAY, trace coarse sand, damp		CH
						TD = 18 ft.		

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCE-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/08/97	Drilling Ended: 05/08/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884792.2 E: 1156609.9	GS Elevation: 598.4

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	15.6	LAB	0-0.5	0-0.5 Loose dark gray-brown SAND, some silt and clay, damp		FILL
		13 16	17.8	LAB	1-2	1-2 Hard light gray CLAY, trace fine sand, damp		FILL
		14 18 16 18	18.1		2-4	2-3.7 Loose brown and black fine SAND 3.7-4 Olive SILTY CLAY, dry		FILL
5		8 18 19 18	13.2		4-6	4-6 Firm brown fine sand and gray SILTY CLAY, some bricks, dry		FILL
		7 12 18 24	18.0		6-8	6-8 Stiff black and gray SILTY CLAY, bands of brown sand and fine gravel, damp		FILL
		7 6 9 11	23.2	LAB	8-10	8-10 Stiff dark olive brown SILTY CLAY, bricks, damp		FILL
10		8 14 17 23	21.1		10-12	10-12 Same as above		CL
		8 8 11 16	18.4		12-14	12-14 Same as above, moist		CL
15		5 5 8 11	14.3		14-16	14-16 Stiff gray CLAY with brown fine sand streaks, moist		CH
		5 10 7 37	10.0		16-18	16-18 Same as above, no sand, soft		CH
		28 46 25 22	7.9		18-20	18-20 Very stiff gray SILT, zero to some clay, dry		ML
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSASI-SCE-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/12/97	Drilling Ended: 05/12/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885010.7 E: 1156509.3	GS Elevation: 597.9

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		35	22.0	LAB	0-0.5			FILL
		4,1	4.1	LAB	1-2	0-2 Stiff dark brown-gray SILT, some medium to coarse SAND, trace fine gravel, dry, brick fragments		FILL
		5,4	5.4		2-4	2-4 Same as above		
5		21,9	21.9	LAB	4-6	4-6 Loose black fine to coarse SAND and fine GRAVEL, dry brick fragments, coal		FILL
		12,2	12.2		6-8	6-8 Same as above with pieces of porcelain		FILL
		10,9	10.9		8-10	8-10 Same as above, wet		FILL
10		11,8	11.8		10-12	10-12 Same as above with more porcelain and metal strips, wet		CL
		18,9	18.9		12-14	12-14 Stiff olive brown SILTY CLAY, trace coarse sand, very oily		CL
15		13,4	13.4		14-16	14-16 Same as above with 1" thick SAND seam, very oily		CL
		11,2	11.2		16-18	16-18 Stiff gray SILTY CLAY, trace to some medium to coarse SAND, damp		
		8,3	8.3		18-20	18-20 Very stiff gray SILTY, trace clay, dry		
20						TD= 20 ft.		
25								
30								

LAB. Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCE-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/12/97	Drilling Ended: 05/12/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884797.7 E: 1156779.8	GS Elevation: 594.1

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		5	6.2	LAB	0-0.5	0-0.5 Loose brown-gray fine to medium SAND and SILT, trace fine gravel, dry		FILL
		10 21	5.1	LAB	1-2	1-2 Loose light brown fine SAND, well sorted		FILL
		12 10 13 21	7.7		2-4	2-3.5 Very stiff black CLAY, dry		FILL
		7 9 11 22	9.0		4-6	3.5-4 Black SAND and GRAVEL, wet 4-5.5 *Same as above* 5.5-6 Stiff olive brown SILTY CLAY, dry		FILL
		10 12 14 17	5.9		6-8	6-8 Very stiff olive brown SILTY CLAY, trace coarse gravel (shale), dry		CL
		9 10 12 10	11.4	LAB	8-10	8-10 *Same as above*		CL
10						TD= 10 ft.		
15								
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCE-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/12/97	Drilling Ended: 05/12/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1885022.3 E: 1156679.3	GS Elevation: 593.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
			2.4	LAB	0-0.5	0-0.5 Loose light gray-brown fine to medium SAND and SILT, dry		FILL
			3.4	LAB	1-2	1-2 Loose asphalt, sand, gravel, dry		FILL
					2-4	2-4 No recovery		FILL
5			2.8		4-6	4-6 Stiff black CLAY to olive brown SILTY CLAY, dry		CL
			3.9		6-8	6-8 Same as above, soft		CL
			17.9	LAB	8-10	8-10 Very stiff olive brown SILTY CLAY, trace to some fine gravel, dry		CL
10			4.8		10-12	10-12 Same as above		CL
					12-14	12-14 Soft gray CLAY trace coarse sand to 11.5 then very stiff gray SILT, dry		CH
15			8.7		14-16	14-16 Soft gray CLAY, damp		CH
			8.1		16-18	16-18 Same as above		CH
			5.1		18-20	18-20 Same as above		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCE-SB05	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/14/97	Drilling Ended: 05/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884784.0 E: 1156472.7	GS Elevation: 600.2

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		5	12.4	LAB	0-0.5	0-2 Soft dark gray SILTY CLAY, some medium to coarse sand,wet (raining)		FILL
		7 7	9.8	LAB/SHE	1-2			
		7 11	8.5		2-4	2-4 Same as above wtih coarse GRAVEL		FILL
		21 33						
5		9 11	13.6		4-6	4-6 Same as above		FILL
		13 15						
		23 48	19.0	LAB	6-8	6-8 Firm light brown and dark gray fine to medium SAND, trace coarse gravel, brick fragments, slightly oily, moist		FILL
		65 8						
		9 16	17.6		8-10	8-10 Poor recovery, coarse GRAVEL		GW
10		23 10						
		12 14	38.9		10-12	10-12 Very poor recovery, coarse GRAVEL		GW
		15 10						
		12 13	18.8		12-14	12-14 Stiff to soft olive brown SILTY CLAY, trace to some coarse sand damp		CL
		14 8						
15		10 12	14.0		14-16	14-16 Same as above, stiff only		CL
		13 5						
		7 9	16.1		16-18	16-18 Soft gray CLAY trace to some brown fine to coarse sand in wisps, damp		CH
		11 7						
		8 9	12.0		18-20	18-20 Same as above, trace sand wisps		CH
20		10				TD= 20 ft. SHELBY TUBE COLLECTED FROM 0.5 TO 2.5 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/09/97	Drilling Ended: 05/09/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884417.6 E: 1158246.6	GS Elevation: 595.9

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	12.4	LAB	0-0.5			FILL
		8	15.7	LAB	1-2	0-2 Loose brown SAND, some clay, dry		
		4	22.0		2-4	2-4 Loose construction debris, wood, brick, asphalt, oily sand, dry		FILL
5		3	13.8		4-6	4-6 Same as above		
		4	15.6		6-8	6-8 Soft dark gray and olive brown SILTY CLAY, little fine to medium grained sand, moist		CL
		5	22.4		8-10	8-10 Same as above		CL
10		4	20.8		10-12	10-12 Stiff olive brown SILTY CLAY trace to some fine to medium sand, trace coarse gravel, moist		CL
		3	15.0		12-14	12-14 Soft to stiff light gray SILTY CLAY, moist		CL
15		2	19.7		14-16	14-16 Dense light gray SILT, trace to some clay and fine sand, damp		ML
		10	28.5	LAB	16-18	16-18 Very stiff light gray CLAY, trace coarse sand, damp		CH
		4	13.3		18-20	18-20 Same as above		
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB02	Page 1 of 1
Installation: **2800 South Sacramento Avenue, Chicago**	Project No: **730577**	
Client/Project: **AlliedSignal, Inc./The Celotex Corporation**	Contractor: **Parsons Engineering Science, Inc.**	
Drilling Contractor: **Rock & Soil Drilling, Inc.**	Drillers: **Dustin Jackson, Jeff Acosta**	OSHA Level: **Modified D**
Drilling Started: **05/09/97**	Drilling Ended: **05/09/97**	
Drilling Method: **4.25" Hollow-Stem Auger**	Boring Dia: **10"**	
Geologist: **D.Callahan**	Borehole Coordinates **N: 1884548.4 E: 1156277.3**	GS Elevation: **597.4**

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
0		4	16.6	LAB	0-0.5	0-2 Loose dark brown fine to medium SAND, some clay, trace fine gravel, damp		FILL
		7 17	19.3	LAB	1-2			
		13 21 34 42	13.6	SHELBY	2-4	2-4 Same as above to 3.7', then loose black SAND and brick fragments		FILL FILL
5		21 19 31 19	15.9		4-6	4-6 Construction debris, brick, wood, tar, gravel		FILL
		13 18 17 19	16.0		6-8	6-8 Stiff black SILTY CLAY, damp		CL
		12 14 16 19	15.2		8-10	8-10 Stiff olive brown SILTY CLAY, some coarse sand, damp		CL
10		7 12 15 18	18.0		10-12	10-12 Same as above		CL
		6 8 9 12	17.2		12-14	12-14 Stiff gray and olive brown CLAY, trace to some medium to coarse sand, damp		CH
15		6 6 7 9	18.3	LAB/SHE	14-16	14-16 Same as above, very soft and gray		CH
		6 5 7 9	15.2		16-18	16-18 Same as above		CH
		6 7 9 23	15.1		18-20	18-20 Same as above		CH
20						TD= 20 ft. SHELBY TUBES COLLECTED FROM 2 TO 4 AND 14 TO 16 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB03	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/09/97	Drilling Ended: 05/09/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884453.2 E: 1156440.3	GS Elevation: 598.1

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	12.8	LAB	0-0.5	0-0.5 Stiff gray SILTY CLAY, some medium to coarse sand, dry		FILL
		8	15.4	LAB	1-2	1-2 Dense gray fine to medium SAND, trace to some clay, damp		FILL
		10	10.4		2-4	2-4 Loose black fine to medium SAND, trace fine gravel, dry		FILL
5		18	18.3		4-6	4-6 Same as above		
		20	20.1		6-8	6-8 Same as above, becoming gravelly		FILL
		7	18.0		8-10	8-10 Same as above to 8.5', then very stiff dark gray and olive-brown SILTY CLAY, trace to some fine to coarse sand, damp		CL
10		5	12.2		10-12	10-12 Hard olive brown SILTY CLAY, some medium to coarse sand, dry		CL
		20	20.4		12-14	12-14 Same as above		CL
15		3	21.1		14-16	14-16 Soft light gray CLAY, some brown fine to medium sand in wisps, moist		CH
		4	15.5		16-18	16-18 Same as above to 17.5', then hard light gray SILT, dry		CH
		3	33.4	LAB	18-20	18-20 Stiff light gray CLAY, some fine sand, moist		
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/12/97	Drilling Ended: 05/12/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884423.1 E: 1156659.4	GS Elevation: 595.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		6	3.1	LAB	0-0.5			FILL
		13 14	4.3	LAB	1-2	0-2 Loose light to dark brown fine to medium SAND, some silt and clay dry		FILL
		23 26 18 18	2.7		2-4	2-4 Firm black fine grained SAND, dry		FILL
5		12 12 14 10	3.5		4-6	4-6 Same as above with coal fragments		FILL
		12 12 13 26	12.5		6-8	6-8 Stiff black SILTY CLAY, some coal and charred wood, damp		FILL
		3 3 3 10	32.4	LAB	8-10	8-10 Same as above		SC
10		7 8 7 8	2.8		10-12	10-12 Firm gray to olive brown fine to medium SAND, some silt, moist		SC
		12 13 13 15	4.1		12-14	12-14 Same as above with bands of peat, damp		SC
15		5 5 5 8	2.9		14-16	14-16 Same as above with bands of silt and peat (10%)		PT
		4 5 5 6	13.3		16-18	16-18 Same as above becoming darker and more peat-rich (80%)		PT
		6 8 8 10	8.1		18-20	18-20 Same as above, dark brown 80% peat, damp		
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB05	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/09/97	Drilling Ended: 05/09/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884560.3 E: 1156531.2	GS Elevation: 597.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		4	11.8	LAB	0-0.5			FILL
		18 15	13.8	LAB	1-2	0-2 Loose brown fine to medium SAND, some clay, damp		
		22 15 15 24	12.2		2-4	2-4 Same as above, multicolored SANDS (black, gray, light brown, homogeneous sand)		FILL
5		22 22	18.8		4-8	4-8 Same as above to 5.5', then black coarse GRAVEL and black medium to coarse sand, dry, loose, (coal, construction debris)		FILL
		10	10.8		8-8	8-8 Same as above		FILL
		9 11	11.1		8-10	8-10 Same as above to 8.5' then homogeneous SAND		FILL
10		4 4	11.5		10-12	10-12 Same as above, some CLAY, wet		FILL
		9 4	12.3		12-14	12-14 Loose black SAND and GRAVEL, construction debris, porcelain, wet		FILL
15		2 2	13.7	LAB	14-18	14-18 Same as above, strips of metal, wood, branched, wet, porcelain		FILL
		4 3			18-18	18-18 Black very loose construction debris, sludge, porcelain		FILL
		4 4			18-20	18-20 Same as above with glass		FILL
20					20-22	20-22 Same as above		FILL
		9 12 12 10			22-24	22-24 No recovery		FILL
25		5 12 28 33			24-28	24-28 Same as above		FILL
		23 28 24 22 39			28-28	28-28 Stiff gray CLAY some fine gravel, wet		CH
						TD= 28 ft.		
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB06	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/03/97	Drilling Ended: 06/03/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884361.7 E: 1156295.0	GS Elevation: 592.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		12	29.4	LAB	0-0.5	0-1.5 Dense dark brown fine to medium SAND and SILT, some clay, dry, trace fine gravel, brick		SM
		21 12	19.5	LAB	1-2	1.5-2 Very dense black medium to coarse SAND and GRAVEL, dry, wood		SP
		10 12 12 13	28.6		2-4	2-4 Soft olive brown SILTY CLAY, trace coarse gravel, damp		CL
5		4 5 12 13	20.8		4-6	4-6 Very stiff olive brown and dark gray SILTY CLAY, some coarse sand to fine gravel, damp		CL
		8 10 12 13	20.4		6-8	6-8 Same as above, trace sand only		CL
		5 7 11 13	27.5		8-10	8-10 Same as above, tar in voids, moist/soft in places		CL
10		5 7 8 6	28.9		10-12	10-12 Soft light gray SILTY CLAY, trace brown fine sand in wisps,moist		CL
		8 21 33 35	14.9		12-14	12-14 Very stiff light gray SILT, trace fine sand, dry		ML
15		10 12 20 21	31.4	LAB	14-18	14-18 Same as above to 15.5' then very stiff light gray CLAY, trace to some silt and fine sand, damp		CH
		7 12 19 29	27.1		18-18	18-18 Same as above, coarse SAND to fine GRAVEL		CH
		6 12 15 19	31.4		18-20	18-20 Same as above		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB07	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/14/97	Drilling Ended: 05/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884416.5 E: 1156581.2	GS Elevation: 595.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	8.0	LAB	0-0.5			FILL
		13	8.0	LAB	1-2	0-2 Loose dark brown fine to medium SAND and SILT, damp		
		23	8.3		2-4	2-4 Soft to hard black to tan fine to medium SAND, trace clay, some construction debris, coal , glass, coarse gravel, wood, damp		FILL
5		14	11.5		4-6	4-6 Loose tan to stained black fine to medium SAND, damp		
		18			6-8	6-8 Concrete, no recovery		FILL
		13	11.5		8-10	8-10 Stiff olive brown to dark gray SILTY CLAY, some coarse sand, damp		CL
10		14	11.8		10-12	10-12 Dense dark gray fine to medium SAND some silty lenses, trace wood, damp		SP
		4	28.8	LAB	12-14	12-14 Stiff black to dark gray SILTY CLAY, some fine to medium sand		CL
15		4	9.4		14-16	14-16 Soft brown-gray SILT and PEAT, damp		PT
		4	23.4		16-18	16-18 Very soft gray CLAYEY SILT, moist		ML
		4	7.8		18-20	18-20 Same as above to 19' then stiff gray to dark gray fine SAND some silt and clay, moist		SP
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCF-SB08	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/14/97	Drilling Ended: 05/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884648.7 E: 1156781.3	GS Elevation: 593.9

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		8	7.1	LAB	0-0.5	0-0.5 Stiff brown fine SAND and SILT, trace clay, dry		FILL
		19 44	10.5	LAB	1-2	1-2 Stiff brown silty clay, some medium to coarse sand, bricks, wood, coarse gravel, dry		FILL
		22 34 19 17	15.9	SHELBY	2-4	2-4 Stiff brown and black fine to coarse SAND, some clay, trace coarse gravel, damp		FILL
5		9 10 13 32	10.0		4-6	4-6 Stiff black and brown SILTY CLAY, some coarse sand, damp		CL
		7 9 11 12	12.5		6-8	6-8 Stiff olive brown to dark gray, SILTY CLAY, some coarse sand, damp		CL
		7 7 9 9	9.9		8-10	8-10 Same as above to 9' then very soft gray SILT, wet		CL ML
10		8 10 12 13	13.8	SHELBY	10-12	10-12 Very stiff olive brown SILTY CLAY, trace to some fine to coarse sand, damp		CL
		9 11 14 15	13.3		12-14	12-14 Stiff gray SILTY CLAY, some coarse sand, damp		CL
15		12 16 26 28	29.0	LAB	14-16	14-16 Very stiff gray SILT, dry		ML
		15 17 21 26	19.3		16-18	16-18 Same as above to 17.2' then stiff gray SILTY CLAY, trace fine sand, dry		CL
20		7 15 21 29	26.7	SHELBY	18-20	18-20 Very stiff gray CLAY, damp		CH
						TD= 20 ft. SHELBY TUBES COLLECTED FROM 2 TO 4, 10 TO 12, AND 18 TO 20 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAST-SCG-SB01	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/09/97	Drilling Ended: 05/09/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884310.7 E: 1158625.7	GS Elevation: 594.3

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	15.4	LAB	0-0.5			FILL
		8 10 5 50	12.1	LAB	1-2	0-2 Loose fine to medium SAND, some clay, damp		
			8.4		2-4	2-4 Same as above to 2.5' then hard black SILTY CLAY, some white coarse gravel		FILL
5		27 27 23	9.4		4-6	4-6 Coal, anthracite, dry		
		7 8 8 7	11.8		6-8	6-8 Same as above some coarse sand and fine gravel, dry		FILL
		5 4 3 2	17.0		8-10	8-10 Same as above, sand and gravel, bricks, dry		FILL
10		12 7 5 12	11.4		10-12	10-12 Same as above, wet		FILL
		5 4 3 2	14.5		12-14	12-14 Same as above, wood, tar, wet		FILL
15		4 3 2 2	14.9		14-18	14-18 Loose dark gray to gray fine to medium SAND, trace to some silt, moist		SP
		4 4 4 5	17.0	LAB	18-18	18-18 Same as above with thin layers of peat		SP
			10.7		18-20	18-20 Same as above with increasingly more peat		
20		4 4 4 5			20-22	20-22 Same as above, gray alternating bands of silt, fine sand and peat		PT
						TD= 22 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB02	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/03/97	Drilling Ended: 06/03/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884351.1 E: 1156228.5	GS Elevation: 592.6

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		12	225.0	LAB	0-0.5			
			197.0	LAB	1-2	0-2 Loose black sand, gravel, asphalt, coal, damp, petroium odor		FILL
		4 5 9 14	28.0		2-4	2-4 Stiff dark gray SILTY CLAY, homogeneous, trace coarse sand		CL
5		6 7 8 10	32.5		4-6	4-6 Stiff olive brown SILTY CLAY, pockets of wet, gray silt		CL
		7 9 13 14	45.6		6-8	6-8 Very stiff olive brown SILTY CLAY		CL
		8 10 15 16	49.3	LAB	8-10	8-10 Same as above some fine to medium sand		CL
10		8 8 15 17	20.7		10-12	10-12 Same as above becoming dark gray		CL
		29 45 60	12.4		12-14	12-14 Stiff light gray SILT, dry		ML
15		7 8 12 17	20.3		14-16	14-16 Stiff light gray CLAY, trace to some coarse sand, damp		CH
		8 10 13 16	43.6		16-18	16-18 Same as above		CH
		7 9 11 19	16.5		18-20	18-20 Same as above		CH
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB03	Page 1 of 2
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/04/97	Drilling Ended: 06/04/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884118.1 E: 1156281.2	GS Elevation: 592.0

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		50	20.2		0-0.5			FILL
			21.1	LAB	1-2	0-2 Very loose brown sand, gravel, asphalt, bricks, dry		FILL
			10.4		2-4	2-4 Construction debris, sand, gravel, brick fragments, dry		
5			11.1	LAB	4-6	4-6 Stiff black CLAY and yellow-brown medium dense SAND,dry slight smell		SP
			10.0		6-8	6-8 Loose light gray, dark brown, and light brown fine SAND, dry		SP
			5.9		8-10	8-10 Same as above		SC
10			5.1		10-12	10-12 Same as above, thin clay seams, moist, occasional peat band		SM
			11.1	LAB	12-14	12-14 Stiff to loose dark gray fine SAND, SILT and PEAT, wet at 13.2'		PT
15			8.9		14-16	14-16 Very spongy dark gray and dark brown PEAT and SILT, damp		PT
			8.9		16-18	16-18 Same as above		
			8.1		18-20	18-20 Same as above		
20					20-22	20-22 Same as above, dry		PT
					22-24	22-24 Same as above		PT
25					24-26	24-26 Same as above		PT
					26-28	26-28 Same as above		PT
					28-30	28-30 Same as above		PT
30					30-32	30-32 Same as above		PT
					32-34	32-34 Very hard dark brownish-gray SILTY CLAY, trace fine gravel, dry		CL
					34-36	34-36 No recovery		CL

LAB: Quanterra-North Canton

Continued

BORING LOG	Boring ID.: SSAS1-SCG-SB03	Page 2 of 2
Installation: 2800 South Sacramento Avenue, Chicago		Project No: 730577
Client/Project: AlliedSignal, Inc./The Celotex Corporation		Contractor: Parsons Engineering Science, Inc.

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
								CL
					38-38	38-38 Very stiff dark gray SILTY CLAY, some coarse angular gravel, dry		CL
					38-40	38-40 No Recovery		CL
40						TD= 40 ft.		
45								
50								
55								
60								
65								
70								

BORING LOG	Boring ID.: SSAS1-SCG-SB04	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 08/03/97	Drilling Ended: 08/03/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884207.2 E: 1156509.3	GS Elevation: 592.4

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
			27.3	LAB	0-0.5			FILL
1			30.7	LAB	1-2	0-2 Loose SAND and GRAVEL, asphalt, dry		
			18.8		2-4	2-4 Black SAND, gravel, brick, cinders		FILL
5			11.5		4-6	4-6 Same as above to 5' then SILTY CLAY, trace fine sand, damp		FILL
			7.7		6-8	6-8 Same as above to 7' then SAND and GRAVEL, wood, wet in spots		FILL
			47.8	LAB	8-10	8-10 Same as above to 8.8' then coal to 9.8' then green sand, oily metallic sheen, moist		FILL
10			28.1		10-12	10-12 Loose black fine to medium SAND, oily, wet		SP
			20.4		12-14	12-14 Stiff olive brown-dark gray SILTY CLAY		CL
15			12.7		14-16	14-16 Soft dark gray SILTY CLAY to 14.8' then alternating bands of gray fine sand and silt and brown peat		CL
						TD = 16 ft.		
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB05	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/03/97	Drilling Ended: 06/03/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884214.2 E: 1156365.4	GS Elevation: 593.8

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		23	18.7		0-0.5			
		32 32	10.2	LAB	1-2	0-2 Loose light gray and brown SAND and GRAVEL, bricks		FILL
		37 15 13 39	8.9		2-4	2-4 Very loose SAND and GRAVEL, coal, dry		FILL
5		20 10 8 10	45.8		4-6	4-6 Very loose SAND, SILT, GRAVEL, coal, dry		FILL
		18 8 11 9	25.5	LAB	6-8	6-8 Olive brown SILTY CLAY, trace fine gravel, dry		CL
		15 17 13 12	24.2		8-10	8-10 Very loose light brown fine to medium SAND, dry		SP
10		17 12 11 8	30.1	LAB	10-12	10-12 Same as above		SP
		5 3 2 3	24.0		12-14	12-14 Soft spongy light gray fine SAND and SILT, with thin layers of peat, moist		ML
15		2 3 3 2	18.8		14-16	14-16 Same as above, mostly peat in some places		PT
		2 2 2 3 2	25.1		18-18	18-18 Same as above, increasing peat, wet		PT
			9.2		18-20	18-20 Same as above, mostly peat, very soft and spongy, moist		PT
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB08	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 05/14/97	Drilling Ended: 05/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884319.3 E: 1156469.5	GS Elevation: 594.7

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		5	7.8	LAB	0-0.5			FILL
		7	8.1	LAB/SHE	1-2	0-2 Loose light gray fine to medium SAND and SILT, dry		
		25	20.3		2-4	2-4 Dense black coarse SAND and GRAVEL, construction debris, coal		FILL
5		42	88.8	LAB	4-6	4-6 Very loose black coal, dry		CL
		3	32.4		6-8	6-8 Stiff black to dark gray, SILTY CLAY, some coarse sand, damp		CL
		1	12.0		8-10	8-10 Stiff light to dark gray fine to medium SAND, trace coarse gravel, wet		SP
10		3	8.1		10-12	10-12 Same as above, no gravel, trace peat		SP
		4	8.9	SHELBY	12-14	12-14 Same as above becoming more peat rich		PT
15		4	9.9		14-16	14-16 Soft dark brown PEAT some fine sand, wet		PT
		4	11.3		16-18	16-18 Same as above		PT
		4	7.2		18-20	18-20 Same as above		T
20						TD= 20 ft. SHELBY TUBES COLLECTED AT 0.5 TO 2.5 AND 12 TO 14 FT.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB07	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/04/97	Drilling Ended: 06/04/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884288.0 E: 1156349.2	GS Elevation: 593.2

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		31	37.2	LAB	0-0.5			
		22 32	8.2		1-2	0-2 Loose white coarse SAND and GRAVEL, concrete, asphalt, dry		FILL
		19 21 22 25	100.1	LAB	2-4	2-4 Dense black SAND and GRAVEL, bricks, oily material, coal, dry		FILL
5		11 12 14 16	37.2		4-6	4-6 Black SAND and GRAVEL, metal wires, dry		FILL
		5 6 7 6	179.8		6-8	6-8 Soft mixed light gray -light green SILTY CLAY and gray sand, moist smells		CL
		5 6 7 6	179.7	LAB	8-10	8-10 Same as above		CL
10		2 3 4 4	25.2		10-12	10-12 Soft dark gray to dark brown SILT and PEAT, spongy, damp		PT
		3 3 4 7	13.3		12-14	12-14 Same as above		PT
15		4 4 5 8	18.1		14-16	14-16 Same as above		PT
		5 6 6 7	8.4		16-18	16-18 Same as above moist in spots		PT
		4 4 5 6	8.5		18-20	18-20 Same as above, wet		PT
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB08	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/16/97	Drilling Ended: 06/16/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884352.5 E: 1156367.4	GS Elevation: 593.5

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		43	32.8		0-0.5			FILL
			72.1	LAB	1-2	0-2 Loose white sand, gravel,and asphalt, black tar, moist		
			31.5	LAB	2-4	2-4 Stiff black to dark olive brown SILTY CLAY, damp		CL
5			28.8		4-6	4-6 Same as above, some fine SAND		
			29.8		6-8	6-8 Soft light olive brown to green SILTY CLAY some fine sand, moist.		CL
			49.1	LAB	8-10	8-10 Same as above		CL
10			27.3		10-12	10-12 Loose light brown to olive brown fine to medium SAND, some clay wet		SC
			38.7	LAB	12-14	12-14 Stiff to very stiff light gray SANDY CLAY to 12.8' then stiff light gray medium to coarse SAND and fine to coarse gravel, wet		SC
15			22.8		14-18	14-18 Very stiff gray SILT, dry		ML
						TD= 18 ft.		
20								
25								
30								

LAB: Quanterra-North Canton

BORING LOG	Boring ID.: SSAS1-SCG-SB09	Page 1 of 1
Installation: 2800 South Sacramento Avenue, Chicago	Project No: 730577	
Client/Project: AlliedSignal, Inc./The Celotex Corporation	Contractor: Parsons Engineering Science, Inc.	
Drilling Contractor: Rock & Soil Drilling, Inc.	Drillers: Dustin Jackson, Jeff Acosta	OSHA Level: Modified D
Drilling Started: 06/14/97	Drilling Ended: 06/14/97	
Drilling Method: 4.25" Hollow-Stem Auger	Boring Dia: 10"	
Geologist: D.Callahan	Borehole Coordinates N: 1884223.2 E: 1156265.6	GS Elevation: 592.3

DEPTH (feet)	SAMPLE INTERVAL	BLOW COUNTS	HEADSPACE (ppm)	CHEMICAL SAMPLES: Analyses	CHEMICAL SAMPLES: Interval (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	USCS SOIL CLASSIFICATION
		84	12.5		0-0.5			
		28 16	8.1	LAB	1-2	0-2 Loose black asphalt, fine black SAND, tar, wood, dry		FILL
		12 10	5.3		2-4	2-4 Same as above plus coal dust, clay, concrete chunks		FILL
5		10 12 9 7	2.5		4-6	4-6 Same as above		FILL
		4 4 2 2	3.6	LAB	6-8	6-8 Soft olive brown light gray fine SAND and CLAY, moist		SC
		3 3 2 3	22.6	LAB	8-10	8-10 Same as above to 9.2' then soft dark gray-brown fine SAND and PEAT, moist		SC
10		4 4 3 3	20.1		10-12	10-12 Soft dark gray to dark brown SILT and PEAT, spongy, damp		PT
		4 4 3 3	9.0		12-14	12-14 Same as above		PT
15		4 4 6 5	7.6		14-16	14-16 Same as above		PT
		3 3 3 3	0		16-18	16-18 Same as above moist at 18'		PT
		2 2 3 3	0		18-20	18-20 Same as above		PT
20						TD= 20 ft.		
25								
30								

LAB: Quanterra-North Canton

APPENDIX B
SUMMARY ANALYTICAL DATA TABLES

THE FORMER OSCOTOX SITE
DATA REPORT
OCTOBER 1997

FIRST CLASS MAIL

ELECTRONIC DATA DISK
ENCLOSED

RECYCLABLE
ANTI-STATIC
FLOPPY DISK
MAILER

ALLIED SIGNAL, INC/THE OSCOTOX SITE

CAUTION: FLOPPY DISK ENCLOSED

DO NOT BEND OR FOLD, AVOID EXPOSURE TO ALL MAGNETIC FIELDS

TABLE 3-1

ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromomethane	ug/kg	12 UJ9	12 U	1600 U	32000 U	12 UJ9	11 UJ9	130 UJ9
Vinyl Chloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Chloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Methylene Chloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Acetone	ug/kg	12 U	12 U	1900 J9	32000 UJ9	12 UJ9	11 U	1400 J9
Carbon Disulfide	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1-Dichloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1-Dichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Chloroform	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
2-Butanone	ug/kg	12 U	12 U	1600 U	32000 U	12 UJ9	11 U	130 UJ9
1,1,1-Trichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Carbon Tetrachloride	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromodichloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,2-Dichloropropane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Trichloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Dibromochloromethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Benzene	ug/kg	12 U	12 U	8100 J7	32000 J10	12 U	11 U	130 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Bromoform	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 U	1600 U	32000 U	12 UJ9	11 U	130 UJ9
2-Hexanone	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Tetrachloroethene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Toluene	ug/kg	12 U	12 U	24000 J7	110000 J7	12 U	11 U	130 U
Chlorobenzene	ug/kg	12 U	12 U	1600 U	32000 U	12 U	11 U	130 U
Ethylbenzene	ug/kg	12 U	12 U	18000 J7	120000 J7	12 U	11 U	130 U
Styrene	ug/kg	12 U	12 U	6400	17000 J1	12 U	11 U	130 U
Xylenes (total)	ug/kg	12 U	12 U	73000 J7	430000 J7	12 U	11 U	130 U

TAL
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ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01 0/6	SCA-SB03-SS01 1/2	SCA-SB03-SS01 14/16	SCA-SB04-SS01 0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01 14/16	SCA-SB05-SS01 0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Bromomethane	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 U	16000 U	12 U
Vinyl Chloride	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Chloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Methylene Chloride	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Acetone	ug/kg	5700 J9	12 U	1100 J10	12 U	12 U	16000 U	12 U
Carbon Disulfide	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1-Dichloroethene	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1-Dichloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,2-Dichloroethene (total)	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
Chloroform	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,2-Dichloroethane	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
2-Butanone	ug/kg	120 U	12 U	1600 U	12 U	12 U	16000 U	12 U
1,1,1-Trichloroethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Carbon Tetrachloride	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Bromodichloromethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
1,2-Dichloropropane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
cis-1,3-Dichloropropene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Trichloroethene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Dibromochloromethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
1,1,2-Trichloroethane	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Benzene	ug/kg	120 U	12 U	15000	12 UJ9	12 U	11000 J1	12 U
trans-1,3-Dichloropropene	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
Bromoform	ug/kg	120 U	12 U	1600 U	12 UJ9	12 U	16000 U	12 U
4-Methyl-2-pentanone	ug/kg	120 U	12 UJ10	1600 U	12 UJ10	12 UJ9	16000 U	12 U
2-Hexanone	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Tetrachloroethene	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Toluene	ug/kg	120 U	12 UJ9	16000	12 UJ9	12 UJ9	32000	12 U
Chlorobenzene	ug/kg	120 U	12 UJ9	1600 U	12 UJ9	12 UJ9	16000 U	12 U
Ethylbenzene	ug/kg	120 U	12 UJ9	22000	12 UJ9	12 UJ9	18000	12 U
Styrene	ug/kg	120 U	12 UJ9	1400 J1	12 UJ9	12 UJ9	16000 U	12 U
Xylenes (total)	ug/kg	120 U	12 UJ9	57000	12 UJ9	12 UJ9	76000	12 U

TAB -1

ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromomethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Vinyl Chloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Chloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Methylene Chloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Acetone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Carbon Disulfide	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1-Dichloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1-Dichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloroethene (total)	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Chloroform	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
2-Butanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,1-Trichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Carbon Tetrachloride	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromodichloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,2-Dichloropropane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Trichloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Dibromochloromethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,2-Trichloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Benzene	ug/kg	12 U	6200 J1	11 U	11 U	11 U	12 U	12 U
trans-1,3-Dichloropropene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Bromoform	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
4-Methyl-2-pentanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
2-Hexanone	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Tetrachloroethene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Toluene	ug/kg	12 U	22000	11 U	11 U	11 U	12 U	12 U
Chlorobenzene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Ethylbenzene	ug/kg	12 U	12000	11 U	11 U	11 U	12 U	12 U
Styrene	ug/kg	12 U	10000 U	11 U	11 U	11 U	12 U	12 U
Xylenes (total)	ug/kg	12 U	46000	11 U	11 U	11 U	12 U	12 U

TAL -1
ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A/E070180010	A/F180147003	A/E070180011	A/F180147004	A/E070180012	A/E070180013	A/E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Volatile Organic Compounds								
Chloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromomethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Vinyl Chloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Methylene Chloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Acetone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Carbon Disulfide	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1-Dichloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1-Dichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloroethene (total)	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chloroform	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
2-Butanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,1-Trichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Carbon Tetrachloride	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromodichloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,2-Dichloropropane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
cis-1,3-Dichloropropene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Trichloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Dibromochloromethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,2-Trichloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Benzene	ug/kg		11 U		400 J1	12 U	12 U	34000
trans-1,3-Dichloropropene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Bromoform	ug/kg		11 U		1600 U	12 U	12 U	15000 U
4-Methyl-2-pentanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
2-Hexanone	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Tetrachloroethene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
1,1,2,2-Tetrachloroethane	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Toluene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Chlorobenzene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Ethylbenzene	ug/kg		11 U		3500	12 U	12 U	80000
Styrene	ug/kg		11 U		1600 U	12 U	12 U	15000 U
Xylenes (total)	ug/kg		11 U		750 J1	12 U	12 U	88000

TABLE 3-1
ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB99-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromomethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Vinyl Chloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Chloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Methylene Chloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Acetone	ug/kg	12 U	12 U	12 U	42	11 U	11 U	1200
Carbon Disulfide	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1-Dichloroethene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1-Dichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Chloroform	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
2-Butanone	ug/kg	12 U	12 U	12 U	12 J1	11 U	11 U	120 U
1,1,1-Trichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Carbon Tetrachloride	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromodichloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,2-Dichloropropane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Trichloroethene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Dibromochloromethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Benzene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
Bromoform	ug/kg	12 U	12 U	12 U	12 U	11 U	11 U	120 U
4-Methyl-2-pentanone	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
2-Hexanone	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Tetrachloroethene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Toluene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Chlorobenzene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Ethylbenzene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Styrene	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U
Xylenes (total)	ug/kg	12 U	12 U	12 U	12 UJ9	11 U	11 U	120 U

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ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromomethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Vinyl Chloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Chloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Methylene Chloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Acetone	ug/kg	9 J1	360	11000 U	12 U	11 U	2000	13 U
Carbon Disulfide	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1-Dichloroethene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1-Dichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloroethene (total)	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Chloroform	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
2-Butanone	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1,1-Trichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Carbon Tetrachloride	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromodichloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,2-Dichloropropane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
cis-1,3-Dichloropropene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Trichloroethene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Dibromochloromethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
1,1,2-Trichloroethane	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Benzene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
trans-1,3-Dichloropropene	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
Bromoform	ug/kg	12 U	28 U	11000 U	12 U	11 U	110 U	13 U
4-Methyl-2-pentanone	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
2-Hexanone	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Tetrachloroethene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Toluene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Chlorobenzene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Ethylbenzene	ug/kg	12 U	28 U	10000	12 UJ9	11 U	110 U	13 U
Styrene	ug/kg	12 U	28 U	11000 U	12 UJ9	11 U	110 U	13 U
Xylenes (total)	ug/kg	12 U	28 U	18000	12 UJ9	11 U	110 U	13 U

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ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Volatile Organic Compounds								
Chloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromomethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Vinyl Chloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Methylene Chloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Acetone	ug/kg	1200	780	11 U	12 U		12 U	
Carbon Disulfide	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1-Dichloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1-Dichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,2-Dichloroethene (total)	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chloroform	ug/kg	110 U	40 U	11 U	12 U		3 J1	
1,2-Dichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
2-Butanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,1-Trichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Carbon Tetrachloride	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromodichloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,2-Dichloropropane	ug/kg	110 U	40 U	11 U	12 U		12 U	
cis-1,3-Dichloropropene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Trichloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Dibromochloromethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,2-Trichloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Benzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
trans-1,3-Dichloropropene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Bromoform	ug/kg	110 U	40 U	11 U	12 U		12 U	
4-Methyl-2-pentanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
2-Hexanone	ug/kg	110 U	40 U	11 U	12 U		12 U	
Tetrachloroethene	ug/kg	110 U	40 U	11 U	12 U		12 U	
1,1,2,2-Tetrachloroethane	ug/kg	110 U	40 U	11 U	12 U		12 U	
Toluene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Chlorobenzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Ethylbenzene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Styrene	ug/kg	110 U	40 U	11 U	12 U		12 U	
Xylenes (total)	ug/kg	110 U	40 U	11 U	12 U		12 U	

TABLE 4-1
ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB104-SS01 1/2	SCA SB14 SS01 4/6	SCA SB14 SS01 4/6	SCA SB15 SS01 0/6	SCA SB15 SS01-1/2	SCA SB105 SS01 1/2	SCA SB15 SS01 12/14
LOCATION:		SCA SB14	SCA SB14	SCA SB14	SCA SB15	SCA SB15	SCA-SB15	SCA SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097817	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U		12 U				
Bromomethane	ug/kg	11 U		12 U				
Vinyl Chloride	ug/kg	11 U		12 U				
Chloroethane	ug/kg	11 U		12 U				
Methylene Chloride	ug/kg	11 U		12 U				
Acetone	ug/kg	11 U		12 U				
Carbon Disulfide	ug/kg	11 U		12 U				
1,1-Dichloroethene	ug/kg	11 U		12 U				
1,1-Dichloroethane	ug/kg	11 U		12 U				
1,2-Dichloroethene (total)	ug/kg	11 U		12 U				
Chloroform	ug/kg	11 U		12 U				
1,2-Dichloroethane	ug/kg	11 U		12 U				
2-Butanone	ug/kg	11 U		12 U				
1,1,1-Trichloroethane	ug/kg	11 U		12 U				
Carbon Tetrachloride	ug/kg	11 U		12 U				
Bromodichloromethane	ug/kg	11 U		12 U				
1,2-Dichloropropane	ug/kg	11 U		12 U				
cis-1,3-Dichloropropene	ug/kg	11 U		12 U				
Trichloroethene	ug/kg	11 U		12 U				
Dibromochloromethane	ug/kg	11 U		12 U				
1,1,2-Trichloroethane	ug/kg	11 U		12 U				
Benzene	ug/kg	11 U		12 U				
trans-1,3-Dichloropropene	ug/kg	11 U		12 U				
Bromoform	ug/kg	11 U		12 U				
4-Methyl-2-pentanone	ug/kg	11 U		12 U				
2-Hexanone	ug/kg	11 U		12 U				
Tetrachloroethene	ug/kg	11 U		12 U				
1,1,2,2-Tetrachloroethane	ug/kg	11 U		12 U				
Toluene	ug/kg	11 U		12 U				
Chlorobenzene	ug/kg	11 U		12 U				
Ethylbenzene	ug/kg	11 U		12 U				
Styrene	ug/kg	11 U		12 U				
Xylenes (total)	ug/kg	11 U		12 U				

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ANALYTICAL RESULTS - AREA A SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		F184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Volatile Organic Compounds					
Chloromethane	ug/kg	1600 U			1400 U
Bromomethane	ug/kg	1600 U			1400 U
Vinyl Chloride	ug/kg	1600 U			1400 U
Chloroethane	ug/kg	1600 U			1400 U
Methylene Chloride	ug/kg	1600 U			1400 U
Acetone	ug/kg	530 J1			1500
Carbon Disulfide	ug/kg	1600 U			1400 U
1,1-Dichloroethene	ug/kg	1600 U			1400 U
1,1-Dichloroethane	ug/kg	1600 U			1400 U
1,2-Dichloroethene (total)	ug/kg	1600 U			1400 U
Chloroform	ug/kg	1600 U			1400 U
1,2-Dichloroethane	ug/kg	1600 U			1400 U
2-Butanone	ug/kg	1600 U			1400 U
1,1,1-Trichloroethane	ug/kg	1600 U			1400 U
Carbon Tetrachloride	ug/kg	1600 U			1400 U
Bromodichloromethane	ug/kg	1600 U			1400 U
1,2-Dichloropropane	ug/kg	1600 U			1400 U
cis-1,3-Dichloropropene	ug/kg	1600 U			1400 U
Trichloroethene	ug/kg	1600 U			1400 U
Dibromochloromethane	ug/kg	1600 U			1400 U
1,1,2-Trichloroethane	ug/kg	1600 U			1400 U
Benzene	ug/kg	16000			8700
trans-1,3-Dichloropropene	ug/kg	1600 U			1400 U
Bromoform	ug/kg	1600 U			1400 U
4-Methyl-2-pentanone	ug/kg	1600 U			1400 U
2-Hexanone	ug/kg	1600 U			1400 U
Tetrachloroethene	ug/kg	1600 U			1400 U
1,1,2,2-Tetrachloroethane	ug/kg	1600 U			1400 U
Toluene	ug/kg	20000			1400 J1
Chlorobenzene	ug/kg	1600 U			1400 U
Ethylbenzene	ug/kg	16000			20000
Styrene	ug/kg	7700			1400 U
Xylenes (total)	ug/kg	72000			32000 J3

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ANALYTICAL RESULTS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB SB01 SS01 1/2	SCB SB01 SS01 4/6	SCB SB01 SS01 4/6	SCB SB02 SS01 0/6	SCB SB02 SS01 1/2	SCB SB02 SS01 1/2	SCB SB02 SS01 4/6
LOCATION:		SCB SB01	SCB SB01	SCB SB01	SCB SB02	SCB SB02	SCB SB02	SCB SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromomethane	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 U		12 U	
Vinyl Chloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Chloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Methylene Chloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Acetone	ug/kg	130 J9	490 J9	1100 J9	12 U		12 U	
Carbon Disulfide	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1-Dichloroethene	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1-Dichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,2-Dichloroethene (total)	ug/kg	11 U	140 U	140 U	12 U		12 U	
Chloroform	ug/kg	11 U	140 U	140 U	12 U		4 J1	
1,2-Dichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
2-Butanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 U		12 U	
1,1,1-Trichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Carbon Tetrachloride	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromodichloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,2-Dichloropropane	ug/kg	11 U	140 U	140 U	12 U		12 U	
cis-1,3-Dichloropropene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Trichloroethene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Dibromochloromethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
1,1,2-Trichloroethane	ug/kg	11 U	140 U	140 U	12 U		12 U	
Benzene	ug/kg	11 U	140 U	140 U	12 U		12 U	
trans-1,3-Dichloropropene	ug/kg	11 U	140 U	140 U	12 U		12 U	
Bromoform	ug/kg	11 U	140 U	140 U	12 U		12 U	
4-Methyl-2-pentanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 UJ9		12 U	
2-Hexanone	ug/kg	11 UJ9	140 UJ9	140 UJ9	12 UJ9		12 U	
Tetrachloroethene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
1,1,2,2-Tetrachloroethane	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Toluene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Chlorobenzene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Ethylbenzene	ug/kg	11 U	140 U	80 J1	12 UJ9		3 J1	
Styrene	ug/kg	11 U	140 U	140 U	12 UJ9		12 U	
Xylenes (total)	ug/kg	11 U	140 U	140	12 UJ9		3 J1	

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ANALYTICAL RESULTS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromomethane	ug/kg	1500 U	11 UJ9	12 UJ9	1600 U	11 UJ9	11 UJ9	11 UJ9
Vinyl Chloride	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Chloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Methylene Chloride	ug/kg	1500 U	11 U	16	1600 U	11 U	8 J10	11 U
Acetone	ug/kg	800 J1	11 UJ9	12 UJ9	2600	11 UJ9	11 UJ9	42 J9
Carbon Disulfide	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1-Dichloroethene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1-Dichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloroethene (total)	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Chloroform	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
2-Butanone	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1,1-Trichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Carbon Tetrachloride	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromodichloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,2-Dichloropropane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
cis-1,3-Dichloropropene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Trichloroethene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Dibromochloromethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
1,1,2-Trichloroethane	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Benzene	ug/kg	700 J1	11 U	12 U	1600 U	11 U	11 UJ9	3 J1
trans-1,3-Dichloropropene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Bromoform	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
4-Methyl-2-pentanone	ug/kg	1500 U	11 UJ9	12 UJ9	1600 U	11 UJ9	11 UJ9	11 UJ9
2-Hexanone	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Tetrachloroethene	ug/kg	1500 U	11 U	2 J1	1600 U	11 U	2 J10	11 U
1,1,2,2-Tetrachloroethane	ug/kg	1500 U	11 U	3 J1	1600 U	11 U	11 UJ9	11 U
Toluene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	16
Chlorobenzene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	11 U
Ethylbenzene	ug/kg	14000	11 U	12 U	3200	11 U	11 UJ9	17
Styrene	ug/kg	1500 U	11 U	12 U	1600 U	11 U	11 UJ9	2 J1
Xylenes (total)	ug/kg	13000	11 U	12 U	2700	11 U	11 UJ9	50

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ANALYTICAL RESULTS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromomethane	ug/kg	11 UJ9	11 UJ9	11 UJ9	17 UJ9	11 UJ9	11 UJ9	1500 U
Vinyl Chloride	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Methylene Chloride	ug/kg	11 U	4 J10	11 U	17 U	11 U	11 U	1500 U
Acetone	ug/kg	11 UJ9	11 UJ9	11 UJ9	51 J9	11 UJ9	11 UJ9	3000 J9
Carbon Disulfide	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1-Dichloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1-Dichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloroethene (total)	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chloroform	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
2-Butanone	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 UJ9	350 J10
1,1,1-Trichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Carbon Tetrachloride	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromodichloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,2-Dichloropropane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
cis-1,3-Dichloropropene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Trichloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Dibromochloromethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1,2-Trichloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Benzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
trans-1,3-Dichloropropene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Bromoform	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
4-Methyl-2-pentanone	ug/kg	11 UJ9	11 UJ9	11 UJ9	17 UJ9	11 UJ9	11 UJ9	1500 U
2-Hexanone	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Tetrachloroethene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Toluene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Chlorobenzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Ethylbenzene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Styrene	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U
Xylenes (total)	ug/kg	11 U	11 UJ9	11 U	17 U	11 U	11 U	1500 U

TAB -1

ANALYTICAL RESULTS - AREA B SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Volatile Organic Compounds							
Chloromethane	ug/kg			120 U			
Bromomethane	ug/kg			120 U			
Vinyl Chloride	ug/kg			120 U			
Chloroethane	ug/kg			120 U			
Methylene Chloride	ug/kg			120 U			
Acetone	ug/kg			1400			
Carbon Disulfide	ug/kg			120 U			
1,1-Dichloroethene	ug/kg			120 U			
1,1-Dichloroethane	ug/kg			120 U			
1,2-Dichloroethene (total)	ug/kg			120 U			
Chloroform	ug/kg			120 U			
1,2-Dichloroethane	ug/kg			120 U			
2-Butanone	ug/kg			120 U			
1,1,1-Trichloroethane	ug/kg			120 U			
Carbon Tetrachloride	ug/kg			120 U			
Bromodichloromethane	ug/kg			120 U			
1,2-Dichloropropane	ug/kg			120 U			
cis-1,3-Dichloropropene	ug/kg			120 U			
Trichloroethene	ug/kg			120 U			
Dibromochloromethane	ug/kg			120 U			
1,1,2-Trichloroethane	ug/kg			120 U			
Benzene	ug/kg			120 U			
trans-1,3-Dichloropropene	ug/kg			120 U			
Bromoform	ug/kg			120 U			
4-Methyl-2-pentanone	ug/kg			120 U			
2-Hexanone	ug/kg			120 U			
Tetrachloroethene	ug/kg			120 U			
1,1,2,2-Tetrachloroethane	ug/kg			120 U			
Toluene	ug/kg			120 U			
Chlorobenzene	ug/kg			120 U			
Ethylbenzene	ug/kg			120 U			
Styrene	ug/kg			120 U			
Xylenes (total)	ug/kg			120 U			

TAL J-1

ANALYTICAL RESULTS - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB01 SS01-0/6	SCC SB01 SS01-1/2	SCC SB01 SS01 12/14	SCC SB02 SS01 0/6	SCC SB02 SS01 1/2	SCC SB02 SS01 6/8	SCC SB03 SS01-0/6
LOCATION:		SCC-SB01	SCC SB01	SCC SB01	SCC SB02	SCC SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Volatile Organic Compounds								
Chloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromomethane	ug/kg	14 U	11 U	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
Vinyl Chloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Chloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Methylene Chloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Acetone	ug/kg	14 UJ9	11 UJ9	3000	11 U	36 R13	11000	11 UJ9
Carbon Disulfide	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1-Dichloroethene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1-Dichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloroethene (total)	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Chloroform	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
2-Butanone	ug/kg	14 UJ9	11 UJ9	1600 U	11 U	12 UJ9	1400 U	11 UJ9
1,1,1-Trichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Carbon Tetrachloride	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromodichloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,2-Dichloropropane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
cis-1,3-Dichloropropene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Trichloroethene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Dibromochloromethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
1,1,2-Trichloroethane	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Benzene	ug/kg	14 U	11 U	1400 J1	11 U	12 U	3000	11 U
trans-1,3-Dichloropropene	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
Bromoform	ug/kg	14 U	11 U	1600 U	11 U	12 U	1400 U	11 U
4-Methyl-2-pentanone	ug/kg	14 UJ9	11 UJ10	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
2-Hexanone	ug/kg	14 UJ9	11 UJ10	1600 U	11 UJ9	12 UJ9	1400 U	11 UJ9
Tetrachloroethene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
1,1,2,2-Tetrachloroethane	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Toluene	ug/kg	14 U	11 UJ9	700 J1	11 U	12 U	1900	11 U
Chlorobenzene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Ethylbenzene	ug/kg	14 U	11 UJ9	6400	11 U	12 U	29000	11 U
Styrene	ug/kg	14 U	11 UJ9	1600 U	11 U	12 U	1400 U	11 U
Xylenes (total)	ug/kg	14 U	11 UJ9	11000	11 U	12 U	25000	11 U

TABLE 3-1

ANALYTICAL RESULTS - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB94-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg		12 U		1700 U			
Bromomethane	ug/kg		12 U		1700 U			
Vinyl Chloride	ug/kg		12 U		1700 U			
Chloroethane	ug/kg		12 U		1700 U			
Methylene Chloride	ug/kg		12 U		1700 U			
Acetone	ug/kg		12 U		1100 J1			
Carbon Disulfide	ug/kg		12 U		1700 U			
1,1-Dichloroethene	ug/kg		12 U		1700 U			
1,1-Dichloroethane	ug/kg		12 U		1700 U			
1,2-Dichloroethene (total)	ug/kg		12 U		1700 U			
Chloroform	ug/kg		12 U		1700 U			
1,2-Dichloroethane	ug/kg		12 U		1700 U			
2-Butanone	ug/kg		12 U		1700 U			
1,1,1-Trichloroethane	ug/kg		12 U		1700 U			
Carbon Tetrachloride	ug/kg		12 U		1700 U			
Bromodichloromethane	ug/kg		12 U		1700 U			
1,2-Dichloropropane	ug/kg		12 U		1700 U			
cis-1,3-Dichloropropene	ug/kg		12 U		1700 U			
Trichloroethene	ug/kg		12 U		1700 U			
Dibromochloromethane	ug/kg		12 U		1700 U			
1,1,2-Trichloroethane	ug/kg		12 U		1700 U			
Benzene	ug/kg		12 U		4300			
trans-1,3-Dichloropropene	ug/kg		12 U		1700 U			
Bromoform	ug/kg		12 U		1700 U			
4-Methyl-2-pentanone	ug/kg		12 U		1700 U			
2-Hexanone	ug/kg		12 U		1700 U			
Tetrachloroethene	ug/kg		12 U		1700 U			
1,1,2,2-Tetrachloroethane	ug/kg		12 U		1700 U			
Toluene	ug/kg		12 U		1900			
Chlorobenzene	ug/kg		12 U		1700 U			
Ethylbenzene	ug/kg		12 U		20000			
Styrene	ug/kg		12 U		470 J1			
Xylenes (total)	ug/kg		12 U		21000			

TAB .-1
ANALYTICAL RESULTS - AREA C SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB04 SS01 14/16
LOCATION:		SCC SB04
DEPTH RANGE:		14 to 16 feet
SAMPLE DATE:		05/12/97
MATRIX:		Soil
SAMPLE TYPE:		Field Sample
LAB SAMPLE ID:		A7E140163020
EPA SAMPLE ID:		E146320
SAMPLE TYPE:		N1
SDG NO:		AS08
Volatile Organic Compounds		
Chloromethane	ug/kg	
Bromomethane	ug/kg	
Vinyl Chloride	ug/kg	
Chloroethane	ug/kg	
Methylene Chloride	ug/kg	
Acetone	ug/kg	
Carbon Disulfide	ug/kg	
1,1-Dichloroethene	ug/kg	
1,1-Dichloroethane	ug/kg	
1,2 Dichloroethene (total)	ug/kg	
Chloroform	ug/kg	
1,2 Dichloroethane	ug/kg	
2-Butanone	ug/kg	
1,1,1-Trichloroethane	ug/kg	
Carbon Tetrachloride	ug/kg	
Bromodichloromethane	ug/kg	
1,2-Dichloropropane	ug/kg	
cis-1,3-Dichloropropene	ug/kg	
Trichloroethene	ug/kg	
Dibromochloromethane	ug/kg	
1,1,2-Trichloroethane	ug/kg	
Benzene	ug/kg	
trans-1,3-Dichloropropene	ug/kg	
Bromoform	ug/kg	
4-Methyl-2-pentanone	ug/kg	
2-Hexanone	ug/kg	
Tetrachloroethene	ug/kg	
1,1,2,2-Tetrachloroethane	ug/kg	
Toluene	ug/kg	
Chlorobenzene	ug/kg	
Ethylbenzene	ug/kg	
Styrene	ug/kg	
Xylenes (total)	ug/kg	

TAE -1

ANALYTICAL RESULTS - AREA D SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromomethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Vinyl Chloride	ug/kg	11 U		11 U		120 U	11 U	12 U
Chloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Methylene Chloride	ug/kg	11 U		11 U		120 U	15 UB	12 UB
Acetone	ug/kg	11 U		11 U		250 UB	11 UJ9	12 UJ9
Carbon Disulfide	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1-Dichloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1-Dichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloroethene (total)	ug/kg	11 U		11 U		120 U	11 U	12 U
Chloroform	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
2-Butanone	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,1-Trichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Carbon Tetrachloride	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromodichloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,2-Dichloropropane	ug/kg	11 U		11 U		120 U	11 U	12 U
cis-1,3-Dichloropropene	ug/kg	11 U		11 U		120 U	11 U	12 U
Trichloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
Dibromochloromethane	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,2-Trichloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Benzene	ug/kg	11 U		11 U		120 U	11 U	12 U
trans-1,3-Dichloropropene	ug/kg	11 U		11 U		120 U	11 U	12 U
Bromoform	ug/kg	11 U		11 U		120 U	11 U	12 U
4-Methyl-2-pentanone	ug/kg	11 U		11 U		120 U	11 U	12 U
2-Hexanone	ug/kg	11 U		11 U		120 U	11 UJ9	12 UJ9
Tetrachloroethene	ug/kg	11 U		11 U		120 U	11 U	12 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U		11 U		120 U	11 U	12 U
Toluene	ug/kg	11 U		11 U		29 J1	11 U	12 U
Chlorobenzene	ug/kg	11 U		11 U		120 U	11 U	12 U
Ethylbenzene	ug/kg	11 U		11 U		230	11 U	12 U
Styrene	ug/kg	11 U		11 U		120 U	11 U	12 U
Xylenes (total)	ug/kg	11 U		11 U		280	11 U	12 U

TAB -1

ANALYTICAL RESULTS - AREA D SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD SB02 SS01-8/10	SCD-SB03 SS01 0/6	SCD SB03 SS01-1/2	SCD-SB03 SS01-4/6
LOCATION:		SCD SB02	SCD-SB03	SCD SB03	SCD-SB03
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Volatile Organic Compounds					
Chloromethane	ug/kg	120 U	11 U	11 U	110 U
Bromomethane	ug/kg	120 U	11 U	11 U	110 U
Vinyl Chloride	ug/kg	120 U	11 U	11 U	110 U
Chloroethane	ug/kg	120 U	11 U	11 U	110 U
Methylene Chloride	ug/kg	120 U	11 U	11 U	110 U
Acetone	ug/kg	6500 DJ2	11 U	11 U	5100
Carbon Disulfide	ug/kg	120 U	11 U	11 U	110 U
1,1-Dichloroethene	ug/kg	120 U	11 U	11 U	110 U
1,1-Dichloroethane	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloroethene (total)	ug/kg	120 U	11 U	11 U	110 U
Chloroform	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloroethane	ug/kg	120 U	11 U	11 U	110 U
2-Butanone	ug/kg	120 U	11 U	11 U	110 U
1,1,1-Trichloroethane	ug/kg	120 U	11 U	11 U	110 U
Carbon Tetrachloride	ug/kg	120 U	11 U	11 U	110 U
Bromodichloromethane	ug/kg	120 U	11 U	11 U	110 U
1,2-Dichloropropane	ug/kg	120 U	11 U	11 U	110 U
cis-1,3-Dichloropropene	ug/kg	120 U	11 U	11 U	110 U
Trichloroethene	ug/kg	120 U	11 U	11 U	110 U
Dibromochloromethane	ug/kg	120 U	11 U	11 U	110 U
1,1,2-Trichloroethane	ug/kg	120 U	11 U	11 U	110 U
Benzene	ug/kg	120 U	11 U	11 U	110 U
trans-1,3-Dichloropropene	ug/kg	120 U	11 U	11 U	110 U
Bromoform	ug/kg	120 U	11 U	11 U	110 U
4-Methyl-2-pentanone	ug/kg	120 U	11 U	11 U	110 U
2-Hexanone	ug/kg	120 UJ9	11 U	11 U	110 U
Tetrachloroethene	ug/kg	120 U	11 U	11 U	110 U
1,1,2,2-Tetrachloroethane	ug/kg	120 U	11 U	11 U	110 U
Toluene	ug/kg	120 U	11 U	11 U	110 U
Chlorobenzene	ug/kg	120 U	11 U	11 U	110 U
Ethylbenzene	ug/kg	120 U	11 U	11 U	82 J1
Styrene	ug/kg	120 U	11 U	11 U	110 U
Xylenes (total)	ug/kg	120 U	11 U	11 U	240

TABLE 3-1

ANALYTICAL RESULTS - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromomethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Vinyl Chloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Chloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Methylene Chloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Acetone	ug/kg	11 U	14	5000	5200	12 U	6400	11 U
Carbon Disulfide	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1-Dichloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1-Dichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Chloroform	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
2-Butanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Carbon Tetrachloride	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromodichloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,2-Dichloropropane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Trichloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Dibromochloromethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Benzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Bromoform	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
2-Hexanone	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Tetrachloroethene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Toluene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	300 J1	11 U
Chlorobenzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Ethylbenzene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Styrene	ug/kg	11 U	12 U	1600 U	1400 U	12 U	1400 U	11 U
Xylenes (total)	ug/kg	11 U	12 U	1600 U	1400 U	12 U	440 J1	11 U

TAL J-1

ANALYTICAL RESULTS - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-1/2	SCF-SB03-SS01-1/2	SCF-SB03-SS01-8/10	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10	SCF-SB06-SS01-0/6
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromomethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Vinyl Chloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Methylene Chloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Acetone	ug/kg	11 U	11 U	1000	9800	400	2500	
Carbon Disulfide	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1-Dichloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1-Dichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloroethene (total)	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chloroform	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
2-Butanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,1-Trichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Carbon Tetrachloride	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromodichloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,2-Dichloropropane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
cis-1,3-Dichloropropene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Trichloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Dibromochloromethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,2-Trichloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Benzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
trans-1,3-Dichloropropene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Bromoform	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
4-Methyl-2-pentanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
2-Hexanone	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Tetrachloroethene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
1,1,2,2-Tetrachloroethane	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Toluene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Chlorobenzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Ethylbenzene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Styrene	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	
Xylenes (total)	ug/kg	11 U	11 U	61 U	1400 U	34 U	1500 U	

TAL -1

ANALYTICAL RESULTS - AREA E SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Volatile Organic Compounds			
Chloromethane	ug/kg		
Bromomethane	ug/kg		
Vinyl Chloride	ug/kg		
Chloroethane	ug/kg		
Methylene Chloride	ug/kg		
Acetone	ug/kg		
Carbon Disulfide	ug/kg		
1,1-Dichloroethene	ug/kg		
1,1-Dichloroethane	ug/kg		
1,2-Dichloroethene (total)	ug/kg		
Chloroform	ug/kg		
1,2-Dichloroethane	ug/kg		
2-Butanone	ug/kg		
1,1,1-Trichloroethane	ug/kg		
Carbon Tetrachloride	ug/kg		
Bromodichloromethane	ug/kg		
1,2-Dichloropropane	ug/kg		
cis-1,3-Dichloropropene	ug/kg		
Trichloroethene	ug/kg		
Dibromochloromethane	ug/kg		
1,1,2-Trichloroethane	ug/kg		
Benzene	ug/kg		
trans-1,3-Dichloropropene	ug/kg		
Bromoform	ug/kg		
4-Methyl-2-pentanone	ug/kg		
2-Hexanone	ug/kg		
Tetrachloroethene	ug/kg		
1,1,2,2-Tetrachloroethane	ug/kg		
Toluene	ug/kg		
Chlorobenzene	ug/kg		
Ethylbenzene	ug/kg		
Styrene	ug/kg		
Xylenes (total)	ug/kg		

TAL -1

ANALYTICAL RESULTS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromomethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Vinyl Chloride	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Chloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Methylene Chloride	ug/kg	14 UB	9 UB	28 J1	12 UB	140 J10	68 J1	100 J1
Acetone	ug/kg	11 UJ9	12 UJ9	1700	12 UJ9	18000 DJ2	10000 DJ2	4700 DJ2
Carbon Disulfide	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1-Dichloroethene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1-Dichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Chloroform	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
2-Butanone	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Carbon Tetrachloride	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromodichloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,2-Dichloropropane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Trichloroethene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Dibromochloromethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Benzene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
Bromoform	ug/kg	11 U	12 U	120 U	12 U	150 U	110 U	120 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
2-Hexanone	ug/kg	11 UJ9	12 UJ9	120 UJ9	12 UJ9	150 UJ9	110 UJ9	120 UJ9
Tetrachloroethene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Toluene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Chlorobenzene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Ethylbenzene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Styrene	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U
Xylenes (total)	ug/kg	11 U	12 U	120 U	12 UJ9	150 U	110 U	120 U

TAB. 1
ANALYTICAL RESULTS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Bromomethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Vinyl Chloride	ug/kg	12 U	12 U	120 U	11 U		11 U	
Chloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
Methylene Chloride	ug/kg	25 UB	11 J1	120 U	11 U		11 U	
Acetone	ug/kg	12 UJ9	12 U	490 UB	11 U		11 U	
Carbon Disulfide	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,1-Dichloroethene	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,1-Dichloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	120 U	11 U		11 U	
Chloroform	ug/kg	12 U	12 U	120 U	11 U		11 U	
1,2-Dichloroethane	ug/kg	12 U	12 U	120 U	11 U		11 U	
2-Butanone	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,1-Trichloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Carbon Tetrachloride	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Bromodichloromethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,2-Dichloropropane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
cis-1,3-Dichloropropene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Trichloroethene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Dibromochloromethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,2-Trichloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Benzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
trans-1,3-Dichloropropene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Bromoform	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
2-Hexanone	ug/kg	12 UJ10	12 U	120 UJ9	11 U		11 U	
Tetrachloroethene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
1,1,2,2-Tetrachloroethane	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Toluene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Chlorobenzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Ethylbenzene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Styrene	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	
Xylenes (total)	ug/kg	12 UJ9	12 U	120 U	11 U		11 U	

TAB -1

ANALYTICAL RESULTS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		E184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromomethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Vinyl Chloride	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Methylene Chloride	ug/kg	40 U	26 UB	10 UB	53 UB	1400 U	11 U	120 U
Acetone	ug/kg	700	60 U	18 UB	2000 J9	9100	9 J1	1400
Carbon Disulfide	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1-Dichloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1-Dichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloroethene (total)	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chloroform	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
2-Butanone	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,1-Trichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Carbon Tetrachloride	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromodichloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,2-Dichloropropane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
cis-1,3-Dichloropropene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Trichloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Dibromochloromethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,2-Trichloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Benzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
trans-1,3-Dichloropropene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Bromoform	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
4-Methyl-2-pentanone	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
2-Hexanone	ug/kg	40 U	60 U	12 UJ9	210 UJ9	1400 U	11 U	120 U
Tetrachloroethene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
1,1,2,2-Tetrachloroethane	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Toluene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Chlorobenzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Ethylbenzene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Styrene	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U
Xylenes (total)	ug/kg	40 U	60 U	12 U	210 U	1400 U	11 U	120 U

TAB -1
ANALYTICAL RESULTS - AREA F SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Volatile Organic Compounds								
Chloromethane	ug/kg							
Bromomethane	ug/kg							
Vinyl Chloride	ug/kg							
Chloroethane	ug/kg							
Methylene Chloride	ug/kg							
Acetone	ug/kg							
Carbon Disulfide	ug/kg							
1,1-Dichloroethene	ug/kg							
1,1-Dichloroethane	ug/kg							
1,2-Dichloroethene (total)	ug/kg							
Chloroform	ug/kg							
1,2-Dichloroethane	ug/kg							
2-Butanone	ug/kg							
1,1,1-Trichloroethane	ug/kg							
Carbon Tetrachloride	ug/kg							
Bromodichloromethane	ug/kg							
1,2-Dichloropropane	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Trichloroethene	ug/kg							
Dibromochloromethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
Benzene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
Bromoform	ug/kg							
4-Methyl-2-pentanone	ug/kg							
2-Hexanone	ug/kg							
Tetrachloroethene	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
Toluene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Styrene	ug/kg							
Xylenes (total)	ug/kg							

TAB 1
ANALYTICAL RESULTS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB01-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromomethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Vinyl Chloride	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Methylene Chloride	ug/kg	10 UB	11 UB	30 UB	7 J10	14000 U	15000 U	1500 U
Acetone	ug/kg	11 UJ9	12 UJ9	120 UB	440 J7	14000 U	6700 J1	5900
Carbon Disulfide	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1-Dichloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1-Dichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloroethene (total)	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chloroform	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
2-Butanone	ug/kg	11 U	12 U	76 U	34 J1	14000 U	15000 U	1500 U
1,1,1-Trichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Carbon Tetrachloride	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromodichloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,2-Dichloropropane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
cis-1,3-Dichloropropene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Trichloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Dibromochloromethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1,2-Trichloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Benzene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1800
trans-1,3-Dichloropropene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Bromoform	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
4-Methyl-2-pentanone	ug/kg	11 U	12 U	76 U	25 J1	14000 U	15000 U	1500 U
2-Hexanone	ug/kg	11 UJ9	12 UJ9	76 UJ9	36 U	14000 U	15000 U	1500 U
Tetrachloroethene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
1,1,2,2-Tetrachloroethane	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Toluene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Chlorobenzene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Ethylbenzene	ug/kg	11 U	12 U	76 U	36 U	27000	8400 J1	16000
Styrene	ug/kg	11 U	12 U	76 U	36 U	14000 U	15000 U	1500 U
Xylenes (total)	ug/kg	11 U	12 U	76 U	36 U	56000	17000	13000

TAL 3-1

ANALYTICAL RESULTS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Volatile Organic Compounds								
Chloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromomethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Vinyl Chloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Chloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Methylene Chloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Acetone	ug/kg	670	740	800	1600	10 U	11 U	800 J7
Carbon Disulfide	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1-Dichloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1-Dichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,2-Dichloroethene (total)	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Chloroform	ug/kg	54 U	53 U	61 U	41 J1	10 U	11 U	40 U
1,2-Dichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
2-Butanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,1-Trichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Carbon Tetrachloride	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromodichloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,2-Dichloropropane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
cis-1,3-Dichloropropene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Trichloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Dibromochloromethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,2-Trichloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Benzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
trans-1,3-Dichloropropene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Bromoform	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
4-Methyl-2-pentanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
2-Hexanone	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Tetrachloroethene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
1,1,2,2-Tetrachloroethane	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Toluene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	9 J1
Chlorobenzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Ethylbenzene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	41 J7
Styrene	ug/kg	54 U	53 U	61 U	120 U	10 U	11 U	40 U
Xylenes (total)	ug/kg	54 U	53 U	61 U	120 U	10 U	7 J1	36 J10

TABLE 4-1

ANALYTICAL RESULTS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB04-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Volatile Organic Compounds								
Chloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromomethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Vinyl Chloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Chloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Methylene Chloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Acetone	ug/kg	130 J7	10 J1	730	200			5600 U
Carbon Disulfide	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1-Dichloroethene	ug/kg	12 U	10 U	57 U	12 U			8500
1,1-Dichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,2-Dichloroethene (total)	ug/kg	12 U	10 U	57 U	12 U			5600 U
Chloroform	ug/kg	12 U	3 J1	57 U	12 U			5600 U
1,2-Dichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
2-Butanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,1-Trichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Carbon Tetrachloride	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromodichloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,2-Dichloropropane	ug/kg	12 U	10 U	57 U	12 U			5600 U
cis-1,3-Dichloropropene	ug/kg	12 U	10 U	57 U	12 U			5600 U
Trichloroethene	ug/kg	12 U	10 U	57 U	12 U			7900
Dibromochloromethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,2-Trichloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Benzene	ug/kg	12 U	10 U	57 U	12 U			57000
trans-1,3-Dichloropropene	ug/kg	12 U	10 U	57 U	12 U			5600 U
Bromoform	ug/kg	12 U	10 U	57 U	12 U			5600 U
4-Methyl-2-pentanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
2-Hexanone	ug/kg	12 U	10 U	57 U	12 U			5600 U
Tetrachloroethene	ug/kg	12 U	10 U	57 U	12 U			5600 U
1,1,2,2-Tetrachloroethane	ug/kg	12 U	10 U	57 U	12 U			5600 U
Toluene	ug/kg	12 U	10 U	57 U	12 U			68000
Chlorobenzene	ug/kg	12 U	10 U	57 U	12 U			8000
Ethylbenzene	ug/kg	8 J10	10 U	57 U	12 U			17000
Styrene	ug/kg	12 U	10 U	57 U	12 U			26000
Xylenes (total)	ug/kg	7 J10	10 U	57 U	12 U			80000

TABLE 3-1

ANALYTICAL RESULTS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Volatile Organic Compounds								
Chloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromomethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Vinyl Chloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Chloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Methylene Chloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Acetone	ug/kg	25000	13 U		1400 J1	1600	1700	200 J4
Carbon Disulfide	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1-Dichloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1-Dichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,2-Dichloroethene (total)	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Chloroform	ug/kg	1300 U	8 J1		1500 U	1400 U	1600 U	11 U
1,2-Dichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
2-Butanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1,1-Trichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Carbon Tetrachloride	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromodichloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,2-Dichloropropane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
cis-1,3-Dichloropropene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Trichloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Dibromochloromethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
1,1,2-Trichloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Benzene	ug/kg	1300 U	13 U		1500 U	500 J1	1600 U	11 U
trans-1,3-Dichloropropene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
Bromoform	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 U
4-Methyl-2-pentanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	4 J10
2-Hexanone	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Tetrachloroethene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
1,1,2,2-Tetrachloroethane	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Toluene	ug/kg	1300 U	4 J1		1500 U	730 J1	1600 U	11 UJ9
Chlorobenzene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Ethylbenzene	ug/kg	1300 U	8 J1		1500 U	740 J1	1600 U	11 UJ9
Styrene	ug/kg	1300 U	13 U		1500 U	1400 U	1600 U	11 UJ9
Xylenes (total)	ug/kg	1300 U	38		1500 U	3100	1600 U	11 UJ9

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ANALYTICAL RESULTS - AREA G SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG SB09-SS01 1/2	SCG SB09 SS01 6/8	SCG SB09 SS01 8/10
LOCATION:		SCG SB09	SCG SB09	SCG SB09
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	8 to 10 feet
SAMPLE DATE:		06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129004	A7F170129005	A7F170129006
EPA SAMPLE ID:		F172904	F172905	F172906
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS11	AS11
Volatile Organic Compounds				
Chloromethane	ug/kg	11 U	13 U	14 U
Bromomethane	ug/kg	11 U	13 U	14 U
Vinyl Chloride	ug/kg	11 U	13 U	14 U
Chloroethane	ug/kg	11 U	13 U	14 U
Methylene Chloride	ug/kg	11 U	13 U	14 U
Acetone	ug/kg	180	90	190
Carbon Disulfide	ug/kg	11 U	13 U	14 U
1,1-Dichloroethene	ug/kg	11 U	13 U	14 U
1,1-Dichloroethane	ug/kg	11 U	13 U	14 U
1,2-Dichloroethene (total)	ug/kg	11 U	13 U	14 U
Chloroform	ug/kg	11 U	3 J1	3 J1
1,2-Dichloroethane	ug/kg	11 U	13 U	14 U
2-Butanone	ug/kg	11 U	13 U	12 J1
1,1,1-Trichloroethane	ug/kg	11 U	13 U	14 U
Carbon Tetrachloride	ug/kg	11 U	13 U	14 U
Bromodichloromethane	ug/kg	11 U	13 U	14 U
1,2-Dichloropropane	ug/kg	11 U	13 U	14 U
cis-1,3-Dichloropropene	ug/kg	11 U	13 U	14 U
Trichloroethene	ug/kg	11 U	13 U	14 U
Dibromochloromethane	ug/kg	11 U	13 U	14 U
1,1,2-Trichloroethane	ug/kg	11 U	13 U	14 U
Benzene	ug/kg	7 J1	13 U	14 U
trans-1,3-Dichloropropene	ug/kg	11 U	13 U	14 U
Bromoform	ug/kg	11 U	13 U	14 U
4-Methyl-2-pentanone	ug/kg	11 U	13 U	14 UJ9
2-Hexanone	ug/kg	11 U	13 U	14 UJ9
Tetrachloroethene	ug/kg	11 U	13 U	14 UJ9
1,1,2,2-Tetrachloroethane	ug/kg	11 U	13 U	14 UJ9
Toluene	ug/kg	5 J1	13 U	14 UJ9
Chlorobenzene	ug/kg	11 U	13 U	14 UJ9
Ethylbenzene	ug/kg	11 U	13 U	14 UJ9
Styrene	ug/kg	11 U	13 U	14 UJ9
Xylenes (total)	ug/kg	3 J1	13 U	14 UJ9

TABLE 3-1
ANALYTICAL RESULTS - BACKGROUND SOILS
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Volatile Organic Compounds				
Chloromethane	ug/kg	12 U	12 U	62 U
Bromomethane	ug/kg	12 U	12 U	62 U
Vinyl Chloride	ug/kg	12 U	12 U	62 U
Chloroethane	ug/kg	12 U	12 U	62 U
Methylene Chloride	ug/kg	8 J1	8 J1	62 U
Acetone	ug/kg	12 U	44	960
Carbon Disulfide	ug/kg	12 U	12 U	62 U
1,1-Dichloroethene	ug/kg	12 U	12 U	62 U
1,1-Dichloroethane	ug/kg	12 U	12 U	62 U
1,2-Dichloroethene (total)	ug/kg	12 U	12 U	62 U
Chloroform	ug/kg	33	10 J1	62 U
1,2-Dichloroethane	ug/kg	12 U	12 U	62 U
2-Butanone	ug/kg	12 U	12 U	62 U
1,1,1-Trichloroethane	ug/kg	12 U	12 U	62 U
Carbon Tetrachloride	ug/kg	5 J1	12 U	62 U
Bromodichloromethane	ug/kg	12 U	12 U	62 U
1,2-Dichloropropane	ug/kg	12 U	12 U	62 U
cis-1,3-Dichloropropene	ug/kg	12 U	12 U	62 U
Trichloroethene	ug/kg	12 U	12 U	62 U
Dibromochloromethane	ug/kg	12 U	12 U	62 U
1,1,2-Trichloroethane	ug/kg	12 U	12 U	62 U
Benzene	ug/kg	12 U	12 U	62 U
trans-1,3-Dichloropropene	ug/kg	12 U	12 U	62 U
Bromoform	ug/kg	12 U	12 U	62 U
4-Methyl-2-pentanone	ug/kg	12 UJ9	12 UJ9	62 U
2-Hexanone	ug/kg	12 UJ9	12 UJ9	62 U
Tetrachloroethene	ug/kg	12 UJ9	12 UJ9	62 U
1,1,2,2-Tetrachloroethane	ug/kg	12 UJ9	12 UJ9	62 U
Toluene	ug/kg	12 UJ9	12 UJ9	62 U
Chlorobenzene	ug/kg	12 UJ9	12 UJ9	62 U
Ethylbenzene	ug/kg	12 UJ9	12 UJ9	62 U
Styrene	ug/kg	12 UJ9	12 UJ9	62 U
Xylenes (total)	ug/kg	12 UJ9	12 UJ9	62 U

TA B-1
ANALYTICAL RESULTS - GROUNDWATER
VOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA TW01 GW01	SCB TW02 GW01	SCC TW03 GW01	GWRB1 6/6/97	TB2 6/6/97	TB1 6/6/97
LOCATION:		SCA SB01	SCB SB02	SCC SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Volatile Organic Compounds							
Chloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	500 U	10 U	10 U	3 J1	10 U	10 U
Acetone	ug/L	500 U	10	6 J1	10 U	10 U	10 U
Carbon Disulfide	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Chloroform	ug/L	500 U	10 U	10 U	17	10 U	10 U
1,2-Dichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	1300	3 J1	2 J1	10 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L	730	3 J1	3 J1	10 U	10 U	10 U
Chlorobenzene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	800	8 J1	11	10 U	10 U	10 U
Styrene	ug/L	500 U	10 U	10 U	10 U	10 U	10 U
Xylenes (total)	ug/L	2500	14	19	10 U	10 U	10 U

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TAB 5-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB01-SS01 0/6	SCA SB01 SS01 1/2	SCA SB01 SS01-6/8	SCA SB01 SS01 6/8	SCA SB02 SS01 0/6	SCA SB02-SS01-1/2	SCA SB02 SS01-8/10
LOCATION:		SCA-SB01	SCA SB01	SCA SB01	SCA-SB01	SCA SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Semivolatile Organic Compounds								
Phenol	ug/kg	400 U				520 U		
Bis(2-chloroethyl)ether	ug/kg	400 U				520 U		
2-Chlorophenol	ug/kg	400 U				520 U		
1,3-Dichlorobenzene	ug/kg	400 U				520 U		
1,4-Dichlorobenzene	ug/kg	400 U				520 U		
1,2-Dichlorobenzene	ug/kg	400 U				520 U		
2-Methylphenol	ug/kg	400 U				520 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	400 U				520 U		
4-Methylphenol	ug/kg	400 U				520 U		
N-Nitrosodinpropylamine	ug/kg	400 U				520 U		
Hexachloroethane	ug/kg	400 U				520 U		
Nitrobenzene	ug/kg	400 U				520 U		
Isophorone	ug/kg	400 U				520 U		
2-Nitrophenol	ug/kg	400 U				520 U		
2,4-Dimethylphenol	ug/kg	400 U				520 U		
Bis(2-chloroethoxy)methane	ug/kg	400 U				520 U		
2,4-Dichlorophenol	ug/kg	400 U				520 U		
1,2,4-Trichlorobenzene	ug/kg	400 U				520 U		
Naphthalene	ug/kg	400 U	410 U	2500000	2900000	87 UB	220 UB	62000
4-Chloroaniline	ug/kg	400 U				520 U		
Hexachlorobutadiene	ug/kg	400 U				520 U		
4-Chloro-3-Methylphenol	ug/kg	400 U				520 U		
2-Methylnaphthalene	ug/kg	400 U	410 U	660000	800000	520 U	130 J1	15000 J1
Hexachlorocyclopentadiene	ug/kg	400 U				520 U		
2,4,6-Trichlorophenol	ug/kg	400 U				520 UJ9		
2,4,5-Trichlorophenol	ug/kg	980 U				1300 U		
2-Chloronaphthalene	ug/kg	400 U				520 U		
2-Nitroaniline	ug/kg	980 U				1300 U		
Dimethylphthalate	ug/kg	400 U				520 U		
Acenaphthylene	ug/kg	400 U	410 U	430000 U	420000 U	53 J1	950 U	43000 U
2,6-Dinitrotoluene	ug/kg	400 U				520 U		
3-Nitroaniline	ug/kg	980 U				1300 U		
Acenaphthene	ug/kg	120 J1	72 J1	240000 J1	300000 J1	180 J1	320 J1	49000
2,4-Dinitrophenol	ug/kg	980 UJ9				1300 U		
4-Nitrophenol	ug/kg	980 UJ9				1300 UJ9		
Dibenzofuran	ug/kg	400 U				120 J1		
2,4-Dinitrotoluene	ug/kg	400 U				520 U		
Diethylphthalate	ug/kg	400 U				520 U		

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	400 U				520 U		
Fluorene	ug/kg	98 J1	58 J1	300000 J1	360000 J1	180 J1	460 J1	52000
4-Nitroaniline	ug/kg	980 U				1300 U		
4,6-Dinitro-2-methylphenol	ug/kg	980 U				1300 U		
N-Nitrosodiphenylamine (1)	ug/kg	400 U				520 U		
4-Bromophenyl-phenylether	ug/kg	400 U				520 U		
Hexachlorobenzene	ug/kg	400 U				520 U		
Pentachlorophenol	ug/kg	980 U				1300 U		
Phenanthrene	ug/kg	1200	760	860000	970000	2200	4400	320000
Anthracene	ug/kg	280 J1	160 J1	200000 J1	240000 J1	420 J1	1000	29000 J1
Carbazole	ug/kg	100 J1				150 J1		
Di-n-Butylphthalate	ug/kg	400 U				520 U		
Fluoranthene	ug/kg	2600	1200	540000	650000	3100	5500	280000
Pyrene	ug/kg	2200	1100	530000	580000	2400	4600	220000
Butylbenzylphthalate	ug/kg	400 U				520 U		
3,3-Dichlorobenzidine	ug/kg	400 U				520 U		
Benzo(a)Anthracene	ug/kg	1200	650	200000 J1	250000 J1	1300	2600	66000
Chrysene	ug/kg	1100	590	230000 J1	270000 J1	1300	2400	33000 J1
bis(2-ethylhexyl)Phthalate	ug/kg	210 J1				83 J1		
Di-n-octylphthalate	ug/kg	400 U				520 U		
Benzo(b)fluoranthene	ug/kg	1600	800	240000 J1	300000 J1	1600	2700	49000
Benzo(k)fluoranthene	ug/kg	540	270 J1	69000 J1	120000 J1	650	970	18000 J1
Benzo(a)pyrene	ug/kg	1100	590	150000 J1	190000 J1	1200	2000	33000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	580	270 J1	82000 J1	100000 J1	650	1100	12000 J1
Dibenz(a,h)anthracene	ug/kg	140 J1	81 J1	430000 U	420000 U	190 J1	290 J1	43000 U
Benzo(g,h,i)perylene	ug/kg	380 J1	190 J1	78000 J1	100000 J1	430 J1	760 J1	9700 J1

TAB. J-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg	390 U			390 U			400 U
Bis(2-chloroethyl)ether	ug/kg	390 U			390 U			400 U
2-Chlorophenol	ug/kg	390 U			390 U			400 U
1,3-Dichlorobenzene	ug/kg	390 U			390 U			400 U
1,4-Dichlorobenzene	ug/kg	390 U			390 U			400 U
1,2-Dichlorobenzene	ug/kg	390 U			390 U			400 U
2-Methylphenol	ug/kg	390 U			390 U			400 U
2,2-oxybis(1-Chloropropane)'	ug/kg	390 U			390 U			400 U
4-Methylphenol	ug/kg	390 U			390 U			400 U
N-Nitrosodinpropylamine	ug/kg	390 U			390 U			400 U
Hexachloroethane	ug/kg	390 U			390 U			400 U
Nitrobenzene	ug/kg	390 U			390 U			400 U
Isophorone	ug/kg	390 U			390 U			400 U
2-Nitrophenol	ug/kg	390 U			390 U			400 U
2,4-Dimethylphenol	ug/kg	390 U			390 U			400 U
Bis(2-chloroethoxy)methane	ug/kg	390 U			390 U			400 U
2,4-Dichlorophenol	ug/kg	390 U			390 U			400 U
1,2,4-Trichlorobenzene	ug/kg	390 U			390 U			400 U
Naphthalene	ug/kg	270 J1	250 J10	1000000	320 J1	430 J1	1200000	400 U
4-Chloroaniline	ug/kg	390 U			390 U			400 U
Hexachlorobutadiene	ug/kg	390 U			390 U			400 U
4-Chloro-3-Methylphenol	ug/kg	390 U			390 U			400 U
2-Methylnaphthalene	ug/kg	76 J1	77 J10	340000	100 J1	140 J1	350000	76 J1
Hexachlorocyclopentadiene	ug/kg	390 U			390 U			400 U
2,4,6-Trichlorophenol	ug/kg	390 UJ9			390 U			400 U
2,4,5-Trichlorophenol	ug/kg	950 U			940 U			960 U
2-Chloronaphthalene	ug/kg	390 U			390 U			400 U
2-Nitroaniline	ug/kg	950 U			940 U			960 U
Dimethylphthalate	ug/kg	390 U			390 U			400 U
Acenaphthylene	ug/kg	390 U	390 UJ9	160000 U	390 U	520 U	18000 J1	400 U
2,6-Dinitrotoluene	ug/kg	390 U			390 U			400 U
3-Nitroaniline	ug/kg	950 U			940 U			960 U
Acenaphthene	ug/kg	72 J1	110 J10	150000 J1	120 J1	210 J1	120000 J1	400 U
2,4-Dinitrophenol	ug/kg	950 U			940 U			960 U
4-Nitrophenol	ug/kg	950 UJ9			940 UJ9			960 U
Dibenzofuran	ug/kg	390 U			84 J1			400 U
2,4-Dinitrotoluene	ug/kg	390 U			390 U			400 U
Diethylphthalate	ug/kg	390 U			390 U			400 U

TAB 3-2

ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	390 U			390 U			400 U
Fluorene	ug/kg	390 U	100 J10	160000 J1	120 J1	290 J1	140000 J1	400 U
4-Nitroaniline	ug/kg	950 U			940 U			960 U
4,6-Dinitro-2-methylphenol	ug/kg	950 U			940 U			960 U
N-Nitrosodiphenylamine (1)	ug/kg	390 U			390 U			400 U
4-Bromophenyl-phenylether	ug/kg	390 U			390 U			400 U
Hexachlorobenzene	ug/kg	390 U			390 U			400 U
Pentachlorophenol	ug/kg	950 U			940 U			960 U
Phenanthrene	ug/kg	620	1000 J9	370000	910	2600	250000	440
Anthracene	ug/kg	150 J1	210 J10	57000 J1	170 J1	570	85000 J1	120 J1
Carbazole	ug/kg	55 J1			81 J1			400 U
Di-n-Butylphthalate	ug/kg	390 U			390 U			400 U
Fluoranthene	ug/kg	1100	1300 J9	180000	1500	3200	100000 J1	370 J1
Pyrene	ug/kg	1000	1500 J9	200000 J9	1200	2700	87000 J1	300 J1
Butylbenzylphthalate	ug/kg	390 U			390 U			400 U
3,3-Dichlorobenzidine'	ug/kg	390 U			390 U			400 U
Benzo(a)Anthracene	ug/kg	620	860 J9	53000 J1	840	1400	25000 J1	400 U
Chrysene	ug/kg	570	680 J9	46000 J1	750	1300	26000 J1	400 U
bis(2-ethylhexyl)Phthalate	ug/kg	140 J1			150 J1			93 J1
Di-n-octylphthalate	ug/kg	390 U			390 U			400 U
Benzo(b)fluoranthene	ug/kg	930	960 J9	38000 J1	1100	1600	22000 J1	210 J1
Benzo(k)fluoranthene	ug/kg	260 J1	400 J9	18000 J1	310 J1	550	160000 U	84 J1
Benzo(a)pyrene	ug/kg	670	750 J9	32000 J1	730	1200	18000 J1	160 J1
Indeno(1,2,3-cd)pyrene	ug/kg	340 J1	380 J10	160000 U	380 J1	510 J1	160000 U	98 J1
Dibenz(a,h)anthracene	ug/kg	59 J1	54 J10	160000 U	150 J1	140 J1	160000 U	400 U
Benzo(g,h,i)perylene	ug/kg	290 J1	330 J10	160000 U	280 J1	470 J1	160000 U	92 J1

TABLE 5-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB05 SS01 1/2	SCA SB05 SS01 16/18	SCA SB06 SS01 0/6	SCA SB06 SS01 0/6	SCA SB06 SS01 1/2	SCA SB06 SS01 4/6	SCA SB07 SS01 0/6
LOCATION:		SCA-SB05	SCA SB05	SCA SB06	SCA-SB06	SCA SB06	SCA-SB06	SCA SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg			370 U	1500 U			390 U
Bis(2-chloroethyl)ether	ug/kg			370 U	1500 U			390 U
2-Chlorophenol	ug/kg			370 U	1500 U			390 U
1,3-Dichlorobenzene	ug/kg			370 U	1500 U			390 U
1,4-Dichlorobenzene	ug/kg			370 U	1500 U			390 U
1,2-Dichlorobenzene	ug/kg			370 U	1500 U			390 U
2-Methylphenol	ug/kg			370 U	1500 U			390 U
2,2-oxybis(1-Chloropropane)'	ug/kg			370 U	1500 U			390 U
4-Methylphenol	ug/kg			370 U	1500 U			390 U
N-Nitrosodinpropylamine	ug/kg			370 U	1500 U			390 U
Hexachloroethane	ug/kg			370 U	1500 U			390 U
Nitrobenzene	ug/kg			370 U	1500 U			390 U
Isophorone	ug/kg			370 U	1500 U			390 U
2-Nitrophenol	ug/kg			370 U	1500 U			390 U
2,4-Dimethylphenol	ug/kg			370 U	1500 U			390 U
Bis(2-chloroethoxy)methane	ug/kg			370 U	1500 U			390 U
2,4-Dichlorophenol	ug/kg			370 U	1500 U			390 U
1,2,4-Trichlorobenzene	ug/kg			370 U	1500 U			390 U
Naphthalene	ug/kg	90 J1	160000	39 J1	1500 U	600 J1	250 J1	390 U
4-Chloroaniline	ug/kg			370 U	1500 U			390 U
Hexachlorobutadiene	ug/kg			370 U	1500 U			390 U
4-Chloro-3-Methylphenol	ug/kg			370 U	1500 U			390 U
2-Methylnaphthalene	ug/kg	49 J1	30000	370 U	1500 U	330 J1	120 J1	390 U
Hexachlorocyclopentadiene	ug/kg			370 U	1500 U			390 U
2,4,6-Trichlorophenol	ug/kg			370 U	1500 U			390 U
2,4,5-Trichlorophenol	ug/kg			900 U	3600 U			940 U
2-Chloronaphthalene	ug/kg			370 U	1500 U			390 U
2-Nitroaniline	ug/kg			900 U	3600 U			940 U
Dimethylphthalate	ug/kg			370 U	1500 U			390 U
Acenaphthylene	ug/kg	390 U	20000 U	370 U	1500 U	100 J1	400 U	390 U
2,6-Dinitrotoluene	ug/kg			370 U	1500 U			390 U
3-Nitroaniline	ug/kg			900 U	3600 U			940 U
Acenaphthene	ug/kg	390 U	14000 J1	370 U	420 J1	440 J1	310 J1	390 U
2,4-Dinitrophenol	ug/kg			900 U	3600 U			940 U
4-Nitrophenol	ug/kg			900 U	3600 U			940 U
Dibenzofuran	ug/kg			370 U	310 J1			390 U
2,4-Dinitrotoluene	ug/kg			370 U	1500 U			390 U
Diethylphthalate	ug/kg			370 U	1500 U			390 U

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg			370 U	1500 U			390 U
Fluorene	ug/kg	47 J1	13000 J1	370 U	830 J10	580 J1	340 J1	390 U
4-Nitroaniline	ug/kg			900 U	3600 U			940 U
4,6-Dinitro-2-methylphenol	ug/kg			900 U	3600 U			940 U
N-Nitrosodiphenylamine (1)	ug/kg			370 U	1500 U			390 U
4-Bromophenyl-phenylether	ug/kg			370 U	1500 U			390 U
Hexachlorobenzene	ug/kg			370 U	1500 U			390 U
Pentachlorophenol	ug/kg			900 UJ5	3600 U			940 U
Phenanthrene	ug/kg	270 J1	25000	340 J10	6100 J7	3600	2700	1200
Anthracene	ug/kg	66 J1	3900 J1	68 J10	2000 J7	830	660	290 J1
Carbazole	ug/kg			370 U	240 J1			84 J1
Di-n-Butylphthalate	ug/kg			370 U	1500 U			390 U
Fluoranthene	ug/kg	260 J1	9400 J1	620 J7	8200 J7	5200	3300 D	2000
Pyrene	ug/kg	210 J1	9000 J1	570	7000	5100	2800	2000
Butylbenzylphthalate	ug/kg			370 U	1500 U			390 U
3,3-Dichlorobenzidine'	ug/kg			370 U	1500 U			390 U
Benzo(a)Anthracene	ug/kg	110 J1	2500 J1	350 J1	3000	2600	1800	900
Chrysene	ug/kg	130 J1	3100 J1	380	3200	2600	1600	860
bis(2-ethylhexyl)Phthalate	ug/kg			77 J1	1500 U			310 J1
Di-n-octylphthalate	ug/kg			370 U	1500 U			390 U
Benzo(b)fluoranthene	ug/kg	140 J1	20000 U	470	3100	4100	2800	1200
Benzo(k)fluoranthene	ug/kg	46 J1	20000 U	160 J1	1300 J1	1300	740	350 J1
Benzo(a)pyrene	ug/kg	110 J1	20000 U	360 J1	2400	3100	2000	850
Indeno(1,2,3-cd)pyrene	ug/kg	64 J1	20000 U	210 J1	1100 J1	1700	1100	420
Dibenz(a,h)anthracene	ug/kg	390 U	20000 U	81 J10	300 J10	530 J1	320 J1	200 J1
Benzo(g,h,i)perylene	ug/kg	58 J1	20000 U	190 J1	920 J1	1600	890	380 J1

TABLE 7-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB07-SS01 1/2	SCA SB07 SS01-1/2	SCA SB07-SS01 8/10	SCA SB07 SS01 8/10	SCA SB08 SS01 0/6	SCA SB08 SS01 1/2	SCA SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA SB07	SCA-SB07	SCA SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0 5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re Sample	Field Sample	Field Re Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7E180147003	A7E070180011	A7E180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	E184703	E078011	E184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Semivolatile Organic Compounds								
Phenol	ug/kg					380 U		
Bis(2-chloroethyl)ether	ug/kg					380 U		
2-Chlorophenol	ug/kg					380 U		
1,3-Dichlorobenzene	ug/kg					380 U		
1,4-Dichlorobenzene	ug/kg					380 U		
1,2-Dichlorobenzene	ug/kg					380 U		
2-Methylphenol	ug/kg					380 U		
2,2-oxybis(1-Chloropropane)'	ug/kg					380 U		
4-Methylphenol	ug/kg					380 U		
N-Nitrosodinpropylamine	ug/kg					380 U		
Hexachloroethane	ug/kg					380 U		
Nitrobenzene	ug/kg					380 U		
Isophorone	ug/kg					380 U		
2-Nitrophenol	ug/kg					380 U		
2,4-Dimethylphenol	ug/kg					380 U		
Bis(2-chloroethoxy)methane	ug/kg					380 U		
2,4-Dichlorophenol	ug/kg					380 U		
1,2,4-Trichlorobenzene	ug/kg					380 U		
Naphthalene	ug/kg	73 J1		420000		180 J1	200 J1	1100000
4-Chloroaniline	ug/kg					380 U		
Hexachlorobutadiene	ug/kg					380 U		
4-Chloro-3-Methylphenol	ug/kg					380 U		
2-Methylnaphthalene	ug/kg	39 J1		230000		150 J1	120 J1	410000
Hexachlorocyclopentadiene	ug/kg					380 U		
2,4,6-Trichlorophenol	ug/kg					380 U		
2,4,5-Trichlorophenol	ug/kg					930 U		
2-Chloronaphthalene	ug/kg					380 U		
2-Nitroaniline	ug/kg					930 U		
Dimethylphthalate	ug/kg					380 U		
Acenaphthylene	ug/kg	390 U		110000 U		380 U	390 U	160000 U
2,6-Dinitrotoluene	ug/kg					380 U		
3-Nitroaniline	ug/kg					930 U		
Acenaphthene	ug/kg	67 J1		98000 J1		98 J1	64 J1	230000
2,4-Dinitrophenol	ug/kg					930 U		
4-Nitrophenol	ug/kg					930 U		
Dibenzofuran	ug/kg					66 J1		
2,4-Dinitrotoluene	ug/kg					380 U		
Diethylphthalate	ug/kg					380 U		

TAB. -2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg					380 U		
Fluorene	ug/kg	130 J1		130000		150 J1	76 J1	190000
4-Nitroaniline	ug/kg					930 U		
4,6-Dinitro-2-methylphenol	ug/kg					930 U		
N-Nitrosodiphenylamine (1)	ug/kg					380 U		
4-Bromophenyl-phenylether	ug/kg					380 U		
Hexachlorobenzene	ug/kg					380 U		
Pentachlorophenol	ug/kg					930 U		
Phenanthrene	ug/kg	1600		520000		1100	650	590000
Anthracene	ug/kg	390		120000		220 J1	160 J1	130000 J1
Carbazole	ug/kg					75 J1		
Di-n-Butylphthalate	ug/kg					380 U		
Fluoranthene	ug/kg	2100		320000		1200	1200	290000
Pyrene	ug/kg	2200		350000		1300	1000	330000
Butylbenzylphthalate	ug/kg					380 U		
3,3-Dichlorobenzidine'	ug/kg					380 U		
Benzo(a)Anthracene	ug/kg	910		130000		570	540	110000 J1
Chrysene	ug/kg	880		130000		620	500	110000 J1
bis(2-ethylhexyl)Phthalate	ug/kg					210 J1		
Di-n-octylphthalate	ug/kg					380 U		
Benzo(b)fluoranthene	ug/kg	1000		120000		740	750	84000 J1
Benzo(k)fluoranthene	ug/kg	270 J1		50000 J1		220 J1	210 J1	30000 J1
Benzo(a)pyrene	ug/kg	730		110000 J1		550	510	68000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1		41000 J1		300 J1	380 J1	23000 J1
Dibenz(a,h)anthracene	ug/kg	81 J1		15000 J1		76 J1	110 J1	160000 U
Benzo(g,h,i)perylene	ug/kg	310 J1		37000 J1		240 J1	360 J1	26000 J1

TAL J-2

ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB09 SS01 0/6	SCA SB09 SS01 1/2	SCA SB09 SS01 1/2	SCA SB09 SS01 4/6	SCA SB10 SS01 0/6	SCA SB10 SS01 1/2	SCA SB10 SS01 10/12
LOCATION:		SCA-SB09	SCA SB09	SCA SB09	SCA SB09	SCA SB10	SCA SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U				380 U		
Bis(2-chloroethyl)ether	ug/kg	380 U				380 U		
2-Chlorophenol	ug/kg	380 U				380 U		
1,3-Dichlorobenzene	ug/kg	380 U				380 U		
1,4-Dichlorobenzene	ug/kg	380 U				380 U		
1,2-Dichlorobenzene	ug/kg	380 U				380 U		
2-Methylphenol	ug/kg	380 U				380 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U				380 U		
4-Methylphenol	ug/kg	380 U				380 U		
N-Nitrosodinpropylamine	ug/kg	380 U				380 U		
Hexachloroethane	ug/kg	380 U				380 U		
Nitrobenzene	ug/kg	380 U				380 U		
Isophorone	ug/kg	380 U				380 U		
2-Nitrophenol	ug/kg	380 U				380 U		
2,4-Dimethylphenol	ug/kg	380 U				380 U		
Bis(2-chloroethoxy)methane	ug/kg	380 U				380 U		
2,4-Dichlorophenol	ug/kg	380 U				380 U		
1,2,4-Trichlorobenzene	ug/kg	380 U				380 U		
Naphthalene	ug/kg	390	2000 J1	5800 J1	200 J1	100 J1	22000 J1	400 U
4-Chloroaniline	ug/kg	380 U				380 U		
Hexachlorobutadiene	ug/kg	380 U				380 U		
4-Chloro-3-Methylphenol	ug/kg	380 U				380 U		
2-Methylnaphthalene	ug/kg	440	19000 U	31000 U	110 J1	94 J1	20000 J1	400 U
Hexachlorocyclopentadiene	ug/kg	380 U				380 U		
2,4,6-Trichlorophenol	ug/kg	380 U				380 U		
2,4,5-Trichlorophenol	ug/kg	930 U				910 U		
2-Chloronaphthalene	ug/kg	380 U				380 U		
2-Nitroaniline	ug/kg	930 U				910 U		
Dimethylphthalate	ug/kg	380 U				380 U		
Acenaphthylene	ug/kg	93 J1	19000 U	31000 U	810 U	69 J1	15000 J1	400 U
2,6-Dinitrotoluene	ug/kg	380 U				380 U		
3-Nitroaniline	ug/kg	930 U				910 U		
Acenaphthene	ug/kg	230 J1	9400 J1	10000 J1	140 J1	44 J1	23000 J1	400 U
2,4-Dinitrophenol	ug/kg	930 U				910 U		
4-Nitrophenol	ug/kg	930 U				910 U		
Dibenzofuran	ug/kg	200 J1				61 J1		
2,4-Dinitrotoluene	ug/kg	380 U				380 U		
Diethylphthalate	ug/kg	380 U				380 U		

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB99-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	380 U				380 U		
Fluorene	ug/kg	210 J1	16000 J1	19000 J1	250 J1	57 J1	51000 J1	400 U
4-Nitroaniline	ug/kg	930 U				910 U		
4,6-Dinitro-2-methylphenol	ug/kg	930 U				910 U		
N-Nitrosodiphenylamine (1)	ug/kg	380 U				380 U		
4-Bromophenyl-phenylether	ug/kg	380 U				380 U		
Hexachlorobenzene	ug/kg	380 U				380 U		
Pentachlorophenol	ug/kg	930 U				910 U		
Phenanthrene	ug/kg	1400	80000	120000	2000	620	400000	160 J1
Anthracene	ug/kg	260 J1	49000	53000	1000	130 J1	85000 J1	400 U
Carbazole	ug/kg	100 J1				59 J1		
Di-n-Butylphthalate	ug/kg	380 U				380 U		
Fluoranthene	ug/kg	1800	130000	170000	4000	1100	340000	120 J1
Pyrene	ug/kg	1800	100000	130000	1700	990	300000	100 J1
Butylbenzylphthalate	ug/kg	380 U				380 U		
3,3-Dichlorobenzidine	ug/kg	380 U				380 U		
Benzo(a)Anthracene	ug/kg	840	57000	75000	1700	510	140000	47 J1
Chrysene	ug/kg	790	56000	77000	1900	570	130000	53 J1
bis(2-ethylhexyl)Phthalate	ug/kg	630				410		
Di-n-octylphthalate	ug/kg	380 U				380 U		
Benzo(b)fluoranthene	ug/kg	950	58000	83000	1900	740	120000	400 U
Benzo(k)fluoranthene	ug/kg	350 J1	24000	30000 J1	650 J1	260 J1	53000 J1	400 U
Benzo(a)pyrene	ug/kg	680	46000	62000	1200	480	96000	400 U
Indeno(1,2,3-cd)pyrene	ug/kg	480	21000	27000 J1	580 J1	390	52000 J1	400 U
Dibenz(a,h)anthracene	ug/kg	380 U	5700 J1	8600 J1	220 J1	380 U	15000 J1	400 U
Benzo(g,h,i)perylene	ug/kg	530	21000	25000 J1	510 J1	360 J1	49000 J1	400 U

TAB 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB11-SS01-0/6	SCA SB11-SS01-1/2	SCA SB11-SS01 14/16	SCA SB12 SS01 0/6	SCA SB12-SS01 1/2	SCA SB12-SS01 4/6	SCA SB13 SS01-0/6
LOCATION:		SCA SB11	SCA SB11	SCA SB11	SCA SB12	SCA SB12	SCA SB12	SCA SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Semivolatile Organic Compounds								
Phenol	ug/kg	390 U			2600 U			420 U
Bis(2-chloroethyl)ether	ug/kg	390 U			2600 U			420 U
2-Chlorophenol	ug/kg	390 U			2600 U			420 U
1,3-Dichlorobenzene	ug/kg	390 U			2600 U			420 U
1,4-Dichlorobenzene	ug/kg	390 U			2600 U			420 U
1,2-Dichlorobenzene	ug/kg	390 U			2600 U			420 U
2-Methylphenol	ug/kg	390 U			2600 U			420 U
2,2-oxybis(1-Chloropropane)'	ug/kg	390 U			2600 U			420 U
4-Methylphenol	ug/kg	390 U			2600 U			420 U
N-Nitrosodinpropylamine	ug/kg	390 U			2600 U			420 U
Hexachloroethane	ug/kg	390 U			2600 U			420 U
Nitrobenzene	ug/kg	390 U			2600 U			420 U
Isophorone	ug/kg	390 U			2600 U			420 U
2-Nitrophenol	ug/kg	390 U			2600 U			420 U
2,4-Dimethylphenol	ug/kg	390 U			2600 U			420 U
Bis(2-chloroethoxy)methane	ug/kg	390 U			2600 U			420 U
2,4-Dichlorophenol	ug/kg	390 U			2600 U			420 U
1,2,4-Trichlorobenzene	ug/kg	390 U			2600 U			420 U
Naphthalene	ug/kg	390 U	370 J1	1400000	2600 U	1800	27000	50 J1
4-Chloroaniline	ug/kg	390 U			2600 U			420 U
Hexachlorobutadiene	ug/kg	390 U			2600 U			420 U
4-Chloro-3-Methylphenol	ug/kg	390 U			2600 U			420 U
2-Methylnaphthalene	ug/kg	390 U	200 J1	290000	2600 U	550	12000 J1	420 U
Hexachlorocyclopentadiene	ug/kg	390 U			2600 U			420 U
2,4,6-Trichlorophenol	ug/kg	390 U			2600 U			420 U
2,4,5-Trichlorophenol	ug/kg	960 U			6300 U			1000 U
2-Chloronaphthalene	ug/kg	390 U			2600 U			420 U
2-Nitroaniline	ug/kg	960 U			6300 U			1000 U
Dimethylphthalate	ug/kg	390 U			2600 U			420 U
Acenaphthylene	ug/kg	390 U	500 U	220000 U	2600 U	84 J1	1300 J1	420 U
2,6-Dinitrotoluene	ug/kg	390 U			2600 U			420 U
3-Nitroaniline	ug/kg	960 U			6300 U			1000 U
Acenaphthene	ug/kg	48 J1	240 J1	290000	450 J1	780	18000	420 U
2,4-Dinitrophenol	ug/kg	960 U			6300 U			1000 U
4-Nitrophenol	ug/kg	960 U			6300 U			1000 U
Dibenzofuran	ug/kg	390 U			560 J1			420 U
2,4-Dinitrotoluene	ug/kg	390 U			2600 U			420 U
Diethylphthalate	ug/kg	390 U			2600 U			420 U

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	390 U			2600 U			420 U
Fluorene	ug/kg	390 U	350 J1	390000	1200 J1	840	19000	420 U
4-Nitroaniline	ug/kg	960 U			6300 U			1000 U
4,6-Dinitro-2-methylphenol	ug/kg	960 U			6300 U			1000 U
N-Nitrosodiphenylamine (1)	ug/kg	390 U			2600 U			420 U
4-Bromophenyl-phenylether	ug/kg	390 U			2600 U			420 U
Hexachlorobenzene	ug/kg	390 U			2600 U			420 U
Pentachlorophenol	ug/kg	960 U			6300 U			1000 U
Phenanthrene	ug/kg	440	2600	1300000	13000	3900	66000	210 J1
Anthracene	ug/kg	140 J1	700	250000	3300	380 J1	6800 J1	420 U
Carbazole	ug/kg	46 J1			310 J1			420 U
Di-n-Butylphthalate	ug/kg	390 U			2600 U			420 U
Fluoranthene	ug/kg	920	3200	710000	14000	2800	38000	210 J1
Pyrene	ug/kg	910	2400	610000	13000	2500	32000	150 J1
Butylbenzylphthalate	ug/kg	92 J1			2600 U			420 U
3,3-Dichlorobenzidine	ug/kg	390 U			2600 U			420 U
Benzo(a)Anthracene	ug/kg	540	1300	220000	7300	900	8800 J1	77 J1
Chrysene	ug/kg	510	1200	210000 J1	6700	710	6000 J1	85 J1
bis(2-ethylhexyl)Phthalate	ug/kg	130 J1			2600 U			420 U
Di-n-octylphthalate	ug/kg	390 U			2600 U			420 U
Benzo(b)fluoranthene	ug/kg	700	1200	170000 J1	5800	820	6400 J1	110 J1
Benzo(k)fluoranthene	ug/kg	210 J1	490 J1	82000 J1	2300 J1	330 J1	2600 J1	420 U
Benzo(a)pyrene	ug/kg	480	950	140000 J1	4700	650	4900 J1	78 J1
Indeno(1,2,3-cd)pyrene	ug/kg	260 J1	420 J1	43000 J1	1500 J1	230 J1	13000 U	420 U
Dibenz(a,h)anthracene	ug/kg	67 J1	110 J1	220000 U	640 J1	53 J1	13000 U	420 U
Benzo(g,h,i)perylene	ug/kg	230 J1	440 J1	45000 J1	1500 J1	280 J1	1300 J1	420 U

TAB 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/18/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7E180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Semivolatile Organic Compounds								
Phenol	ug/kg				380 U	390 U		400 U
Bis(2-chloroethyl)ether	ug/kg				380 U	390 U		400 U
2-Chlorophenol	ug/kg				380 U	390 U		400 U
1,3-Dichlorobenzene	ug/kg				380 U	390 U		400 U
1,4-Dichlorobenzene	ug/kg				380 U	390 U		400 U
1,2-Dichlorobenzene	ug/kg				380 U	390 U		400 U
2-Methylphenol	ug/kg				380 U	390 U		400 U
2,2-oxybis(1-Chloropropane)'	ug/kg				380 U	390 U		400 U
4-Methylphenol	ug/kg				380 U	390 U		400 U
N-Nitrosodinpropylamine	ug/kg				380 U	390 U		400 U
Hexachloroethane	ug/kg				380 U	390 U		400 U
Nitrobenzene	ug/kg				380 U	390 U		400 U
Isophorone	ug/kg				380 U	390 U		400 U
2-Nitrophenol	ug/kg				380 U	390 U		400 U
2,4-Dimethylphenol	ug/kg				380 U	390 U		400 U
Bis(2-chloroethoxy)methane	ug/kg				380 U	390 U		400 U
2,4-Dichlorophenol	ug/kg				380 U	390 U		400 U
1,2,4-Trichlorobenzene	ug/kg				380 U	390 U		400 U
Naphthalene	ug/kg	440	720	1800 J1	380 U	390 U		400 U
4-Chloroaniline	ug/kg				380 U	390 U		400 U
Hexachlorobutadiene	ug/kg				380 U	390 U		400 U
4-Chloro-3-Methylphenol	ug/kg				380 U	390 U		400 U
2-Methylnaphthalene	ug/kg	190 J1	240 J1	9200 U	380 U	390 U		400 U
Hexachlorocyclopentadiene	ug/kg				380 U	390 U		400 U
2,4,6-Trichlorophenol	ug/kg				380 U	390 U		400 U
2,4,5-Trichlorophenol	ug/kg				930 U	950 U		970 U
2-Chloronaphthalene	ug/kg				380 U	390 U		400 U
2-Nitroaniline	ug/kg				930 U	950 U		970 U
Dimethylphthalate	ug/kg				380 U	390 U		400 U
Acenaphthylene	ug/kg	380 U	390 U	9200 U	380 U	390 U		400 U
2,6-Dinitrotoluene	ug/kg				380 U	390 U		400 U
3-Nitroaniline	ug/kg				930 U	950 U		970 U
Acenaphthene	ug/kg	410	320 J1	1500 J1	380 U	390 U		400 U
2,4-Dinitrophenol	ug/kg				930 U	950 U		970 U
4-Nitrophenol	ug/kg				930 U	950 U		970 U
Dibenzofuran	ug/kg				380 U	390 U		400 U
2,4-Dinitrotoluene	ug/kg				380 U	390 U		400 U
Diethylphthalate	ug/kg				380 U	390 U		400 U

TAL 3-2

ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg				380 U	390 U		400 U
Fluorene	ug/kg	490	330 J1	1500 J1	380 U	390 U		400 U
4-Nitroaniline	ug/kg				930 U	950 U		970 U
4,6-Dinitro-2-methylphenol	ug/kg				930 U	950 U		970 U
N-Nitrosodiphenylamine (1)	ug/kg				380 U	390 U		400 U
4-Bromophenyl-phenylether	ug/kg				380 U	390 U		400 U
Hexachlorobenzene	ug/kg				380 U	390 U		400 U
Pentachlorophenol	ug/kg				930 U	950 U		970 U
Phenanthrene	ug/kg	2100	1100	37000	380 U	83 J1		47 J1
Anthracene	ug/kg	360 J1	190 J1	7000 J1	380 U	390 U		400 U
Carbazole	ug/kg				380 U	390 U		400 U
Di-n-Butylphthalate	ug/kg				380 U	390 U		400 U
Fluoranthene	ug/kg	1600	810	55000	55 J1	84 J1		87 J1
Pyrene	ug/kg	1300	740	47000	380 U	89 J1		100 J1
Butylbenzylphthalate	ug/kg				380 U	390 U		400 U
3,3-Dichlorobenzidine'	ug/kg				380 U	390 U		400 U
Benzo(a)Anthracene	ug/kg	550	240 J1	27000	380 U	390 U		150 J1
Chrysene	ug/kg	490	220 J1	26000	380 U	46 J10		180 J10
bis(2-ethylhexyl)Phthalate	ug/kg				86 J1	390 U		400 U
Di-n-octylphthalate	ug/kg				380 U	390 U		400 U
Benzo(b)fluoranthene	ug/kg	570	240 J1	27000	380 U	43 J10		330 J10
Benzo(k)fluoranthene	ug/kg	180 J1	95 J1	8200 J1	380 U	390 U		120 J1
Benzo(a)pyrene	ug/kg	410	190 J1	19000	380 U	390 U		300 J1
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	72 J1	7600 J1	380 U	390 U		130 J1
Dibenz(a,h)anthracene	ug/kg	380 U	390 U	2900 J1	380 U	390 U		400 U
Benzo(g,h,i)perylene	ug/kg	160 J1	70 J1	7800 J1	380 U	390 U		160 J1

TAB. .-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB104-SS01 1/2	SCA SB14 SS01 4/6	SCA-SB14 SS01-4/6	SCA SB15 SS01 0/6	SCA SB15 SS01 1/2	SCA SB105 SS01 1/2	SCA SB15 SS01 12/14
LOCATION:		SCA SB14	SCA SB14	SCA SB14	SCA SB15	SCA SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg		1500 U			1100 U		23000 J1
Bis(2-chloroethyl)ether	ug/kg		1500 U			1100 U		160000 U
2-Chlorophenol	ug/kg		1500 U			1100 U		160000 U
1,3-Dichlorobenzene	ug/kg		1500 U			1100 U		160000 U
1,4-Dichlorobenzene	ug/kg		1500 U			1100 U		160000 U
1,2-Dichlorobenzene	ug/kg		1500 U			1100 U		160000 U
2-Methylphenol	ug/kg		1500 U			1100 U		160000 U
2,2-oxybis(1-Chloropropane)'	ug/kg		1500 U			1100 U		160000 U
4-Methylphenol	ug/kg		1500 U			1100 U		42000 J1
N-Nitrosodinpropylamine	ug/kg		1500 U			1100 U		160000 U
Hexachloroethane	ug/kg		1500 U			1100 U		160000 U
Nitrobenzene	ug/kg		1500 U			1100 U		160000 U
Isophorone	ug/kg		1500 U			1100 U		160000 U
2-Nitrophenol	ug/kg		1500 U			1100 U		160000 U
2,4-Dimethylphenol	ug/kg		1500 U			1100 U		160000 U
Bis(2-chloroethoxy)methane	ug/kg		1500 U			1100 U		160000 U
2,4-Dichlorophenol	ug/kg		1500 U			1100 U		160000 U
1,2,4-Trichlorobenzene	ug/kg		1500 U			1100 U		160000 U
Naphthalene	ug/kg		380 J1		85 J1	5300	410 U	920000
4-Chloroaniline	ug/kg		1500 U			1100 U		160000 U
Hexachlorobutadiene	ug/kg		1500 U			1100 U		160000 U
4-Chloro-3-Methylphenol	ug/kg		1500 U			1100 U		160000 U
2-Methylnaphthalene	ug/kg		180 J1		60 J1	2300	410 U	240000
Hexachlorocyclopentadiene	ug/kg		1500 U			1100 U		160000 U
2,4,6-Trichlorophenol	ug/kg		1500 U			1100 U		160000 U
2,4,5-Trichlorophenol	ug/kg		3600 U			2600 U		400000 U
2-Chloronaphthalene	ug/kg		1500 U			1100 U		160000 U
2-Nitroaniline	ug/kg		3600 U			2600 U		400000 U
Dimethylphthalate	ug/kg		1500 U			1100 U		160000 U
Acenaphthylene	ug/kg		1500 U		500 U	1100 U	410 U	160000 U
2,6-Dinitrotoluene	ug/kg		1500 U			1100 U		160000 U
3-Nitroaniline	ug/kg		3600 U			2600 U		400000 U
Acenaphthene	ug/kg		460 J1		130 J1	1200	410 U	150000 J1
2,4-Dinitrophenol	ug/kg		3600 U			2600 U		400000 U
4-Nitrophenol	ug/kg		3600 U			2600 U		400000 U
Dibenzofuran	ug/kg		200 J1			950 J1		140000 J1
2,4-Dinitrotoluene	ug/kg		1500 U			1100 U		160000 U
Diethylphthalate	ug/kg		1500 U			1100 U		160000 U

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg		1500 U			1100 U		160000 U
Fluorene	ug/kg		360 J1		110 J1	1300	410 U	140000 J1
4-Nitroaniline	ug/kg		3600 U			2600 U		400000 U
4,6-Dinitro-2-methylphenol	ug/kg		3600 U			2600 U		400000 U
N-Nitrosodiphenylamine (1)	ug/kg		1500 U			1100 U		160000 U
4-Bromophenyl-phenylether	ug/kg		1500 U			1100 U		160000 U
Hexachlorobenzene	ug/kg		1500 U			1100 U		160000 U
Pentachlorophenol	ug/kg		3600 U			2600 R5		400000 U
Phenanthrene	ug/kg		3700		1200	6300 J7	240 J10	350000
Anthracene	ug/kg		790 J1		260 J1	1700 J7	46 J10	38000 J1
Carbazole	ug/kg		680 J1			770 J1		40000 J1
Di-n-Butylphthalate	ug/kg		1500 U			1100 U		160000 U
Fluoranthene	ug/kg		6700		2000	4700 J7	440 J7	170000
Pyrene	ug/kg		5700		2100	4400 R5	520 J7	130000 J1
Butylbenzylphthalate	ug/kg		1500 U			1100 U		160000 U
3,3-Dichlorobenzidine'	ug/kg		1500 U			1100 U		160000 U
Benzo(a)Anthracene	ug/kg		4200		1200	2300 J7	220 J10	32000 J1
Chrysene	ug/kg		4400		1100	2300 J7	280 J10	160000 U
bis(2-ethylhexyl)Phthalate	ug/kg		1500 U			1100 U		160000 U
Di-n-octylphthalate	ug/kg		1500 U			1100 U		160000 U
Benzo(b)fluoranthene	ug/kg		5500		1300	2300 J7	340 J10	160000 U
Benzo(k)fluoranthene	ug/kg		1800		440 J1	820 J10	120 J10	160000 U
Benzo(a)pyrene	ug/kg		4000		1100	1900 J7	240 J10	160000 U
Indeno(1,2,3-cd)pyrene	ug/kg		1900		630	930 J10	160 J10	160000 U
Dibenz(a,h)anthracene	ug/kg		700 J1		110 J1	180 J1	410 U	160000 U
Benzo(g,h,i)perylene	ug/kg		2100		660	830 J10	150 J10	160000 U

TAB. .-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		E184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Semivolatile Organic Compounds					
Phenol	ug/kg				
Bis(2-chloroethyl)ether	ug/kg				
2-Chlorophenol	ug/kg				
1,3-Dichlorobenzene	ug/kg				
1,4-Dichlorobenzene	ug/kg				
1,2-Dichlorobenzene	ug/kg				
2-Methylphenol	ug/kg				
2,2'-oxybis(1-Chloropropane)	ug/kg				
4-Methylphenol	ug/kg				
N-Nitrosodinpropylamine	ug/kg				
Hexachloroethane	ug/kg				
Nitrobenzene	ug/kg				
Isophorone	ug/kg				
2-Nitrophenol	ug/kg				
2,4-Dimethylphenol	ug/kg				
Bis(2-chloroethoxy)methane	ug/kg				
2,4-Dichlorophenol	ug/kg				
1,2,4-Trichlorobenzene	ug/kg				
Naphthalene	ug/kg		380 U	400 U	58000 D
4-Chloroaniline	ug/kg				
Hexachlorobutadiene	ug/kg				
4-Chloro-3-Methylphenol	ug/kg				
2-Methylnaphthalene	ug/kg		380 U	400 U	20000
Hexachlorocyclopentadiene	ug/kg				
2,4,6-Trichlorophenol	ug/kg				
2,4,5-Trichlorophenol	ug/kg				
2-Chloronaphthalene	ug/kg				
2-Nitroaniline	ug/kg				
Dimethylphthalate	ug/kg				
Acenaphthylene	ug/kg		380 U	400 U	1500 J1
2,6-Dinitrotoluene	ug/kg				
3-Nitroaniline	ug/kg				
Acenaphthene	ug/kg		380 U	120 J1	29000
2,4-Dinitrophenol	ug/kg				
4-Nitrophenol	ug/kg				
Dibenzofuran	ug/kg				
2,4-Dinitrotoluene	ug/kg				
Diethylphthalate	ug/kg				

TABLE 3-2
ANALYTICAL RESULTS - AREA A SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		F184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Semivolatile Organic Compounds					
4-Chlorophenyl-phenylether	ug/kg				
Fluorene	ug/kg		380 U	140 J1	40000 D
4-Nitroaniline	ug/kg				
4,6-Dinitro-2-methylphenol	ug/kg				
N-Nitrosodiphenylamine (1)	ug/kg				
4-Bromophenyl-phenylether	ug/kg				
Hexachlorobenzene	ug/kg				
Pentachlorophenol	ug/kg				
Phenanthrene	ug/kg		380	1500	150000 D
Anthracene	ug/kg		85 J1	340 J1	140000 D
Carbazole	ug/kg				
Di-n-Butylphthalate	ug/kg				
Fluoranthene	ug/kg		730	2800	82000 D
Pyrene	ug/kg		740	2600	78000 D
Butylbenzylphthalate	ug/kg				
3,3-Dichlorobenzidine'	ug/kg				
Benzo(a)Anthracene	ug/kg		300 J1	1100	25000
Chrysene	ug/kg		360 J1	1200	25000
bis(2-ethylhexyl)Phthalate	ug/kg				
Di-n-octylphthalate	ug/kg				
Benzo(b)fluoranthene	ug/kg		430	1500	20000
Benzo(k)fluoranthene	ug/kg		160 J1	570	9500
Benzo(a)pyrene	ug/kg		310 J1	1100	14000
Indeno(1,2,3-cd)pyrene	ug/kg		160 J1	540	5900
Dibenz(a,h)anthracene	ug/kg		380 U	400 U	1600 J1
Benzo(g,h,i)perylene	ug/kg		160 J1	570	4600

TAB ,-2

ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB01-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Semivolatile Organic Compounds								
Phenol	ug/kg				13000 U	13000 U		170000 U
Bis(2-chloroethyl)ether	ug/kg				13000 U	13000 U		170000 U
2-Chlorophenol	ug/kg				13000 U	13000 U		170000 U
1,3-Dichlorobenzene	ug/kg				13000 U	13000 U		170000 U
1,4-Dichlorobenzene	ug/kg				13000 U	13000 U		170000 U
1,2-Dichlorobenzene	ug/kg				13000 U	13000 U		170000 U
2-Methylphenol	ug/kg				13000 U	13000 U		170000 U
2,2-oxybis(1-Chloropropane)'	ug/kg				13000 U	13000 U		170000 U
4-Methylphenol	ug/kg				13000 U	13000 U		170000 U
N-Nitrosodinpropylamine	ug/kg				13000 U	13000 U		170000 U
Hexachloroethane	ug/kg				13000 U	13000 U		170000 U
Nitrobenzene	ug/kg				13000 U	13000 U		170000 U
Isophorone	ug/kg				13000 U	13000 U		170000 U
2-Nitrophenol	ug/kg				13000 U	13000 U		170000 U
2,4-Dimethylphenol	ug/kg				13000 U	13000 U		170000 U
Bis(2-chloroethoxy)methane	ug/kg				13000 U	13000 U		170000 U
2,4-Dichlorophenol	ug/kg				13000 U	13000 U		170000 U
1,2,4-Trichlorobenzene	ug/kg				13000 U	13000 U		170000 U
Naphthalene	ug/kg	1100 J1	79000	71000	8300 J1	5700 J1		57000 J1
4-Chloroaniline	ug/kg				13000 U	13000 U		170000 U
Hexachlorobutadiene	ug/kg				13000 U	13000 U		170000 U
4-Chloro-3-Methylphenol	ug/kg				13000 U	13000 U		170000 U
2-Methylnaphthalene	ug/kg	520 J1	41000 J1	28000	2100 J1	1800 J1		170000 U
Hexachlorocyclopentadiene	ug/kg				13000 U	13000 U		170000 UJ9
2,4,6-Trichlorophenol	ug/kg				13000 U	13000 U		170000 U
2,4,5-Trichlorophenol	ug/kg				31000 U	31000 U		400000 U
2-Chloronaphthalene	ug/kg				13000 U	13000 U		170000 U
2-Nitroaniline	ug/kg				31000 U	31000 U		400000 U
Dimethylphthalate	ug/kg				13000 U	13000 U		170000 U
Acenaphthylene	ug/kg	3600 U	46000 U	22000 U	810 J1	13000 U		170000 U
2,6-Dinitrotoluene	ug/kg				13000 U	13000 U		170000 U
3-Nitroaniline	ug/kg				31000 U	31000 U		400000 U
Acenaphthene	ug/kg	1000 J1	110000	72000	3700 J1	6200 J1		120000 J1
2,4-Dinitrophenol	ug/kg				31000 U	31000 U		400000 U
4-Nitrophenol	ug/kg				31000 UJ9	31000 UJ9		400000 UJ9
Dibenzofuran	ug/kg				2200 J1	3500 J1		80000 J1
2,4-Dinitrotoluene	ug/kg				13000 U	13000 U		170000 U
Diethylphthalate	ug/kg				13000 U	13000 U		170000 U

TABLE 3-2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg				13000 U	13000 U		170000 U
Fluorene	ug/kg	770 J1	95000	58000	3600 J1	6400 J1		120000 J1
4-Nitroaniline	ug/kg				31000 U	31000 UJ9		400000 UJ9
4,6-Dinitro-2-methylphenol	ug/kg				31000 U	31000 U		400000 U
N-Nitrosodiphenylamine (1)	ug/kg				13000 U	13000 U		170000 U
4-Bromophenyl-phenylether	ug/kg				13000 U	13000 U		170000 U
Hexachlorobenzene	ug/kg				13000 U	13000 U		170000 U
Pentachlorophenol	ug/kg				31000 U	31000 U		400000 U
Phenanthrene	ug/kg	8100	230000	120000	30000	49000		730000
Anthracene	ug/kg	1800 J1	40000 J1	15000 J1	7900 J1	13000		50000 J1
Carbazole	ug/kg				3700 J1	4900 J1		26000 J1
Di-n-Butylphthalate	ug/kg				13000 U	13000 U		170000 U
Fluoranthene	ug/kg	23000	160000	72000	50000	71000		700000
Pyrene	ug/kg	18000	110000	51000	43000	58000		590000
Butylbenzylphthalate	ug/kg				13000 U	13000 U		170000 U
3,3-Dichlorobenzidine	ug/kg				13000 U	13000 U		170000 U
Benzo(a)Anthracene	ug/kg	10000	41000 J1	15000 J1	23000	32000		160000 J1
Chrysene	ug/kg	12000	48000	18000 J1	23000	35000		110000 J1
bis(2-ethylhexyl)Phthalate	ug/kg				13000 U	13000 U		170000 U
Di-n-octylphthalate	ug/kg				13000 U	13000 U		170000 U
Benzo(b)fluoranthene	ug/kg	17000	42000 J1	15000 J1	31000	45000		120000 J1
Benzo(k)fluoranthene	ug/kg	6200	18000 J10	5900 J10	10000 J1	14000		49000 J1
Benzo(a)pyrene	ug/kg	13000	34000 J1	12000 J1	21000	34000		89000 J1
Indeno(1,2,3-cd)pyrene	ug/kg	6500	13000 J1	4500 J1	9800 J1	15000		30000 J1
Dibenz(a,h)anthracene	ug/kg	1700 J1	46000 U	22000 U	2800 J1	4400 J1		170000 U
Benzo(g,h,i)perylene	ug/kg	6400	12000 J1	4100 J1	8800 J1	14000		26000 J1

TAB -2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Semivolatile Organic Compounds								
Phenol	ug/kg		2500 U			1500 U		
Bis(2-chloroethyl)ether	ug/kg		2500 U			1500 U		
2-Chlorophenol	ug/kg		2500 U			1500 U		
1,3-Dichlorobenzene	ug/kg		2500 U			1500 U		
1,4-Dichlorobenzene	ug/kg		2500 U			1500 U		
1,2-Dichlorobenzene	ug/kg		2500 U			1500 U		
2-Methylphenol	ug/kg		2500 U			1500 U		
2,2-oxybis(1-Chloropropane)'	ug/kg		2500 U			1500 U		
4-Methylphenol	ug/kg		2500 U			1500 U		
N-Nitrosodinpropylamine	ug/kg		2500 U			1500 U		
Hexachloroethane	ug/kg		2500 U			1500 U		
Nitrobenzene	ug/kg		2500 U			1500 U		
Isophorone	ug/kg		2500 U			1500 U		
2-Nitrophenol	ug/kg		2500 U			1500 U		
2,4-Dimethylphenol	ug/kg		2500 U			1500 U		
Bis(2-chloroethoxy)methane	ug/kg		2500 U			1500 U		
2,4-Dichlorophenol	ug/kg		2500 U			1500 U		
1,2,4-Trichlorobenzene	ug/kg		2500 U			1500 U		
Naphthalene	ug/kg		290 J1	17000 J1	580000	500 UB	3000 UB	380000
4-Chloroaniline	ug/kg		2500 U			1500 U		
Hexachlorobutadiene	ug/kg		2500 U			1500 U		
4-Chloro-3-Methylphenol	ug/kg		2500 U			1500 U		
2-Methylnaphthalene	ug/kg		2500 U	150000 U	200000	200 J1	1500 J1	94000 J1
Hexachlorocyclopentadiene	ug/kg		2500 U			1500 U		
2,4,6-Trichlorophenol	ug/kg		2500 U			1500 U		
2,4,5-Trichlorophenol	ug/kg		6100 U			3600 U		
2-Chloronaphthalene	ug/kg		2500 U			1500 U		
2-Nitroaniline	ug/kg		6100 U			3600 U		
Dimethylphthalate	ug/kg		2500 U			1500 U		
Acenaphthylene	ug/kg		2500 U	150000 U	15000 J1	1500 U	1700 J1	140000 U
2,6-Dinitrotoluene	ug/kg		2500 U			1500 U		
3-Nitroaniline	ug/kg		6100 U			3600 U		
Acenaphthene	ug/kg		680 J1	26000 J1	260000	640 J1	3000 J1	180000
2,4-Dinitrophenol	ug/kg		6100 U			3600 U		
4-Nitrophenol	ug/kg		6100 UJ9			3600 UJ9		
Dibenzofuran	ug/kg		2500 U			320 J1		
2,4-Dinitrotoluene	ug/kg		2500 U			1500 U		
Diethylphthalate	ug/kg		2500 U			1500 U		

TABLE -2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg		2500 U			1500 U		
Fluorene	ug/kg		750 J1	28000 J1	210000	620 J1	4400 J1	180000
4-Nitroaniline	ug/kg		6100 UJ9			3600 U		
4,6-Dinitro-2-methylphenol	ug/kg		6100 U			3600 U		
N-Nitrosodiphenylamine (1)	ug/kg		2500 U			1500 U		
4-Bromophenyl-phenylether	ug/kg		2500 U			1500 U		
Hexachlorobenzene	ug/kg		2500 U			1500 U		
Pentachlorophenol	ug/kg		6100 U			3600 U		
Phenanthrene	ug/kg		7600	470000	780000	5400	34000	890000
Anthracene	ug/kg		2100 J1	120000 J1	230000	1200 J1	9000	260000
Carbazole	ug/kg		670 J1			690 J1		
Di-n-Butylphthalate	ug/kg		2500 U			1500 U		
Fluoranthene	ug/kg		15000	750000	480000	10000	57000	730000
Pyrene	ug/kg		10000	710000	410000	8700	50000	630000
Butylbenzylphthalate	ug/kg		2500 U			1500 U		
3,3-Dichlorobenzidine'	ug/kg		2500 U			1500 U		
Benzo(a)Anthracene	ug/kg		6200	340000	200000	4400	30000	310000
Chrysene	ug/kg		7500	380000	180000	4600	28000	280000
bis(2-ethylhexyl)Phthalate	ug/kg		390 J1			260 J1		
Di-n-octylphthalate	ug/kg		2500 U			1500 U		
Benzo(b)fluoranthene	ug/kg		9200	450000	170000	6300	44000	350000
Benzo(k)fluoranthene	ug/kg		3500	170000	64000 J1	2100	14000	120000 J1
Benzo(a)pyrene	ug/kg		7100	290000	150000	4000	30000	310000
Indeno(1,2,3-cd)pyrene	ug/kg		3400	130000 J1	74000 J1	1800	16000	160000
Dibenz(a,h)anthracene	ug/kg		840 J1	37000 J1	22000 J1	560 J1	3800 J1	37000 J1
Benzo(g,h,i)perylene	ug/kg		3000	110000 J1	64000 J1	1600	15000	150000

TAB ,-2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB SB05 SS01 0/6	SCB SB05 SS01 0/6	SCB SB05 SS01 1/2	SCB SB05 SS01 6/8	SCB SB06 SS01 0/6	SCB SB06 SS01 1/2	SCB SB06 SS01 14/16
LOCATION:		SCB SB05	SCB SB05	SCB SB05	SCB SB05	SCB SB06	SCB SB06	SCB SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U	380 U			380 U		
Bis(2-chloroethyl)ether	ug/kg	380 U	380 U			380 U		
2-Chlorophenol	ug/kg	380 U	380 U			380 U		
1,3-Dichlorobenzene	ug/kg	380 U	380 U			380 U		
1,4-Dichlorobenzene	ug/kg	380 U	380 U			380 U		
1,2-Dichlorobenzene	ug/kg	380 U	380 U			380 U		
2-Methylphenol	ug/kg	380 U	380 U			380 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U	380 U			380 U		
4-Methylphenol	ug/kg	380 U	380 U			380 U		
N-Nitrosodinpropylamine	ug/kg	380 U	380 U			380 U		
Hexachloroethane	ug/kg	380 U	380 U			380 U		
Nitrobenzene	ug/kg	380 U	380 U			380 U		
Isophorone	ug/kg	380 U	380 U			380 U		
2-Nitrophenol	ug/kg	380 U	380 U			380 U		
2,4-Dimethylphenol	ug/kg	380 U	380 U			380 U		
Bis(2-chloroethoxy)methane	ug/kg	380 U	380 U			380 U		
2,4-Dichlorophenol	ug/kg	380 U	380 U			380 U		
1,2,4-Trichlorobenzene	ug/kg	380 U	380 U			380 U		
Naphthalene	ug/kg	380 U	380 U	380 U	790	380 U	380 U	400 U
4-Chloroaniline	ug/kg	380 U	380 U			380 U		
Hexachlorobutadiene	ug/kg	380 U	380 U			380 U		
4-Chloro-3-Methylphenol	ug/kg	380 U	380 U			380 U		
2-Methylnaphthalene	ug/kg	380 U	380 U	380 U	280 J1	380 U	380 U	400 U
Hexachlorocyclopentadiene	ug/kg	380 U	380 U			380 U		
2,4,6-Trichlorophenol	ug/kg	380 U	380 U			380 U		
2,4,5-Trichlorophenol	ug/kg	920 U	920 U			920 U		
2-Chloronaphthalene	ug/kg	380 U	380 U			380 U		
2-Nitroaniline	ug/kg	920 U	920 U			920 U		
Dimethylphthalate	ug/kg	380 U	380 U			380 U		
Acenaphthylene	ug/kg	380 U	380 U	380 U	83 J1	380 U	380 U	400 U
2,6-Dinitrotoluene	ug/kg	380 U	380 U			380 U		
3-Nitroaniline	ug/kg	920 U	920 U			920 U		
Acenaphthene	ug/kg	380 U	380 U	380 U	460 J1	380 U	380 U	400 U
2,4-Dinitrophenol	ug/kg	920 U	920 U			920 U		
4-Nitrophenol	ug/kg	920 UJ9	920 UJ9			920 UJ9		
Dibenzofuran	ug/kg	380 U	380 U			380 U		
2,4-Dinitrotoluene	ug/kg	380 U	380 U			380 U		
Diethylphthalate	ug/kg	380 U	380 U			380 U		

TAB. 3-2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	380 U	380 U			380 U		
Fluorene	ug/kg	380 U	380 U	43 J1	520 J1	380 U	380 U	400 U
4-Nitroaniline	ug/kg	920 UJ9	920 UJ9			920 U		
4,6-Dinitro-2-methylphenol	ug/kg	920 U	920 U			920 U		
N-Nitrosodiphenylamine (1)	ug/kg	380 U	380 U			380 U		
4-Bromophenyl-phenylether	ug/kg	380 U	380 U			380 U		
Hexachlorobenzene	ug/kg	380 U	380 U			380 U		
Pentachlorophenol	ug/kg	920 UJ5	920 U			920 U		
Phenanthrene	ug/kg	370 J1	560	390	2000	220 J1	120 J10	59 J1
Anthracene	ug/kg	64 J1	86 J1	59 J1	610	380 U	380 U	400 U
Carbazole	ug/kg	380 U	380 U			380 U		
Di-n-Butylphthalate	ug/kg	380 U	380 U			380 U		
Fluoranthene	ug/kg	790	910	780	2200	400	180 J10	400 U
Pyrene	ug/kg	640	660	550	1500	340 J1	230 J10	400 U
Butylbenzylphthalate	ug/kg	380 U	380 U			380 U		
3,3-Dichlorobenzidine	ug/kg	380 U	380 U			380 U		
Benzo(a)Anthracene	ug/kg	370 J1	390	290 J1	780	160 J1	100 J10	400 U
Chrysene	ug/kg	440	480	390	1000	190 J1	110 J10	400 U
bis(2-ethylhexyl)Phthalate	ug/kg	380 U	380 U			66 J1		
Di-n-octylphthalate	ug/kg	380 U	380 U			380 U		
Benzo(b)fluoranthene	ug/kg	500	480	430	1100	230 J1	110 J10	400 U
Benzo(k)fluoranthene	ug/kg	210 J1	210 J1	200 J1	390 J1	88 J1	49 J10	400 U
Benzo(a)pyrene	ug/kg	370 J1	400	320 J1	760	150 J1	100 J10	400 U
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	200 J1	190 J1	420 J1	81 J1	66 J10	400 U
Dibenz(a,h)anthracene	ug/kg	57 J1	52 J1	55 J1	110 J1	380 U	380 U	400 U
Benzo(g,h,i)perylene	ug/kg	170 J1	160 J1	170 J1	320 J1	71 J1	57 J10	400 U

TABLE 4-2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Semivolatile Organic Compounds							
Phenol	ug/kg						
Bis(2-chloroethyl)ether	ug/kg						
2-Chlorophenol	ug/kg						
1,3-Dichlorobenzene	ug/kg						
1,4-Dichlorobenzene	ug/kg						
1,2-Dichlorobenzene	ug/kg						
2-Methylphenol	ug/kg						
2,2-oxybis(1-Chloropropane)'	ug/kg						
4-Methylphenol	ug/kg						
N-Nitrosodinpropylamine	ug/kg						
Hexachloroethane	ug/kg						
Nitrobenzene	ug/kg						
Isophorone	ug/kg						
2-Nitrophenol	ug/kg						
2,4-Dimethylphenol	ug/kg						
Bis(2-chloroethoxy)methane	ug/kg						
2,4-Dichlorophenol	ug/kg						
1,2,4-Trichlorobenzene	ug/kg						
Naphthalene	ug/kg	260 J1	820 J1	410 U	20000 U	260 J1	8000 J1
4-Chloroaniline	ug/kg						
Hexachlorobutadiene	ug/kg						
4-Chloro-3-Methylphenol	ug/kg						
2-Methylnaphthalene	ug/kg	1900 U	480 J1	410 U	20000 U	1900 U	8100 J1
Hexachlorocyclopentadiene	ug/kg						
2,4,6-Trichlorophenol	ug/kg						
2,4,5-Trichlorophenol	ug/kg						
2-Chloronaphthalene	ug/kg						
2-Nitroaniline	ug/kg						
Dimethylphthalate	ug/kg						
Acenaphthylene	ug/kg	1900 U	1500 U	410 U	20000 U	1900 U	10000 U
2,6-Dinitrotoluene	ug/kg						
3-Nitroaniline	ug/kg						
Acenaphthene	ug/kg	430 J1	740 J1	410 U	5600 J1	290 J1	12000
2,4-Dinitrophenol	ug/kg						
4-Nitrophenol	ug/kg						
Dibenzofuran	ug/kg						
2,4-Dinitrotoluene	ug/kg						
Diethylphthalate	ug/kg						

TAB. 2-2
ANALYTICAL RESULTS - AREA B SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Semivolatile Organic Compounds							
4-Chlorophenyl-phenylether	ug/kg						
Fluorene	ug/kg	520 J1	930 J1	410 U	5300 J1	310 J1	13000
4-Nitroaniline	ug/kg						
4,6-Dinitro-2-methylphenol	ug/kg						
N-Nitrosodiphenylamine (1)	ug/kg						
4-Bromophenyl-phenylether	ug/kg						
Hexachlorobenzene	ug/kg						
Pentachlorophenol	ug/kg						
Phenanthrene	ug/kg	5200	7300	410 U	57000	4800	53000
Anthracene	ug/kg	1500 J1	1600	410 U	13000 J1	1300 J1	8300 J1
Carbazole	ug/kg						
Di-n-Butylphthalate	ug/kg						
Fluoranthene	ug/kg	7500	6500	410 U	84000	8900	32000
Pyrene	ug/kg	8200	6600	410 U	88000	8500	30000
Butylbenzylphthalate	ug/kg						
3,3-Dichlorobenzidine'	ug/kg						
Benzo(a)Anthracene	ug/kg	3800	2700	410 U	46000	4400	9300 J1
Chrysene	ug/kg	4100	3100	410 U	50000	4400	7900 J1
bis(2-ethylhexyl)Phthalate	ug/kg						
Di-n-octylphthalate	ug/kg						
Benzo(b)fluoranthene	ug/kg	4000	2700	410 U	53000	5500	6300 J1
Benzo(k)fluoranthene	ug/kg	1500 J1	960 J1	410 U	19000 J1	2400	2600 J1
Benzo(a)pyrene	ug/kg	3200	2100	410 U	44000	3900	5100 J1
Indeno(1,2,3-cd)pyrene	ug/kg	2000	1300 J1	410 U	29000	3000	2400 J1
Dibenz(a,h)anthracene	ug/kg	580 J1	330 J1	410 U	6800 J1	1000 J1	10000 U
Benzo(g,h,i)perylene	ug/kg	2100	1100 J1	410 U	26000	2900	2400 J1

TAB. -2
ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB01-SS01 0/6	SCC SB01 SS01 1/2	SCC SB01 SS01 12/14	SCC SB02 SS01 0/6	SCC SB02 SS01 1/2	SCC SB02-SS01 6/8	SCC SB03-SS01 0/6
LOCATION:		SCC SB01	SCC SB01	SCC SB01	SCC SB02	SCC SB02	SCC-SB02	SCC SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Semivolatile Organic Compounds								
Phenol	ug/kg	470 U			3600 U			1800 U
Bis(2-chloroethyl)ether	ug/kg	470 U			3600 U			1800 U
2-Chlorophenol	ug/kg	470 U			3600 U			1800 U
1,3-Dichlorobenzene	ug/kg	470 U			3600 U			1800 U
1,4-Dichlorobenzene	ug/kg	470 U			3600 U			1800 U
1,2-Dichlorobenzene	ug/kg	470 U			3600 U			1800 U
2-Methylphenol	ug/kg	470 U			3600 U			1800 U
2,2-oxybis(1-Chloropropane)'	ug/kg	470 U			3600 U			1800 U
4-Methylphenol	ug/kg	470 U			3600 U			1800 U
N-Nitrosodinpropylamine	ug/kg	470 U			3600 U			1800 U
Hexachloroethane	ug/kg	470 U			3600 U			1800 U
Nitrobenzene	ug/kg	470 U			3600 U			1800 U
Isophorone	ug/kg	470 U			3600 U			1800 U
2-Nitrophenol	ug/kg	470 U			3600 U			1800 U
2,4-Dimethylphenol	ug/kg	470 U			3600 U			1800 U
Bis(2-chloroethoxy)methane	ug/kg	470 U			3600 U			1800 U
2,4-Dichlorophenol	ug/kg	470 U			3600 U			1800 U
1,2,4-Trichlorobenzene	ug/kg	470 U			3600 U			1800 U
Naphthalene	ug/kg	56 J1	4400 J1	130000	3600 U	6400 J1	1200000	360 J1
4-Chloroaniline	ug/kg	470 U			3600 U			1800 U
Hexachlorobutadiene	ug/kg	470 U			3600 U			1800 U
4-Chloro-3-Methylphenol	ug/kg	470 U			3600 U			1800 U
2-Methylnaphthalene	ug/kg	470 U	1700 J1	91000	3600 U	3100 J1	790000	1800 U
Hexachlorocyclopentadiene	ug/kg	470 U			3600 U			1800 U
2,4,6-Trichlorophenol	ug/kg	470 U			3600 U			1800 U
2,4,5-Trichlorophenol	ug/kg	1100 U			8800 U			4400 U
2-Chloronaphthalene	ug/kg	470 U			3600 U			1800 U
2-Nitroaniline	ug/kg	1100 U			8800 U			4400 U
Dimethylphthalate	ug/kg	470 U			3600 U			1800 U
Acenaphthylene	ug/kg	470 U	12000 U	21000 J1	3600 U	19000 U	30000 J1	1800 U
2,6-Dinitrotoluene	ug/kg	470 U			3600 U			1800 U
3-Nitroaniline	ug/kg	1100 U			8800 U			4400 U
Acenaphthene	ug/kg	470 U	6200 J1	27000	3600 U	9200 J1	420000	600 J1
2,4-Dinitrophenol	ug/kg	1100 U			8800 U			4400 U
4-Nitrophenol	ug/kg	1100 UJ9			8800 UJ9			4400 UJ9
Dibenzofuran	ug/kg	470 U			3600 U			1800 U
2,4-Dinitrotoluene	ug/kg	470 U			3600 U			1800 U
Diethylphthalate	ug/kg	470 U			3600 U			1800 U

TABLE 2-2
ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	470 U			3600 U			1800 U
Fluorene	ug/kg	470 U	5100 J1	27000	3600 U	8800 J1	250000	1800 U
4-Nitroaniline	ug/kg	1100 UJ9			8800 UJ9			4400 UJ9
4,6-Dinitro-2-methylphenol	ug/kg	1100 U			8800 U			4400 U
N-Nitrosodiphenylamine (1)	ug/kg	470 U			3600 U			1800 U
4-Bromophenyl-phenylether	ug/kg	470 U			3600 U			1800 U
Hexachlorobenzene	ug/kg	470 U			3600 U			1800 U
Pentachlorophenol	ug/kg	1100 U			8800 U			4400 U
Phenanthrene	ug/kg	1000	47000	70000	8900	85000	800000	5900
Anthracene	ug/kg	180 J1	11000 J1	26000	1800 J1	23000	200000	1300 J1
Carbazole	ug/kg	91 J1			690 J1			520 J1
Di-n-Butylphthalate	ug/kg	470 U			3600 U			1800 U
Fluoranthene	ug/kg	2000	78000	30000	23000	140000	340000	12000
Pyrene	ug/kg	1600	58000	38000	17000	100000	440000	9100
Butylbenzylphthalate	ug/kg	470 U			3600 U			1800 U
3,3-Dichlorobenzidine'	ug/kg	470 U			3600 U			1800 U
Benzo(a)Anthracene	ug/kg	1000	35000	15000 J1	8200	60000	160000 J1	5900
Chrysene	ug/kg	1200	41000	18000 J1	9800	70000	170000 J1	6800
bis(2-ethylhexyl)Phthalate	ug/kg	180 J1			670 J1			510 J1
Di-n-octylphthalate	ug/kg	470 U			3600 U			1800 U
Benzo(b)fluoranthene	ug/kg	1500	60000	10000 J1	9400	93000	120000 J1	10000
Benzo(k)fluoranthene	ug/kg	540	18000	4000 J1	3500 J1	28000	43000 J1	2900
Benzo(a)pyrene	ug/kg	1100	44000	12000 J1	6500	66000	130000 J1	7100
Indeno(1,2,3-cd)pyrene	ug/kg	620	23000	3300 J1	3000 J1	33000	43000 J1	3500
Dibenz(a,h)anthracene	ug/kg	190 J1	5600 J1	21000 U	800 J1	8400 J1	190000 U	980 J1
Benzo(g,h,i)perylene	ug/kg	640	22000	3100 J1	2900 J1	30000	41000 J1	3200

TAL J-2

ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB03 SS01 1/2	SCC SB01 SS01 1/2	SCC SB03 SS01 8/10	SCC SB03 SS01 8/10	SCC SB04 SS01 0/6	SCC SB04 SS01 0/6	SCC SB04 SS01 1/2
LOCATION:		SCC SB03	SCC SB03	SCC SB03	SCC SB03	SCC SB04	SCC SB04	SCC SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re Sample	Field Sample	Field Re Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U		6600 UJ2				
Bis(2-chloroethyl)ether	ug/kg	380 U		6600 UJ2				
2-Chlorophenol	ug/kg	380 U		6600 UJ2				
1,3-Dichlorobenzene	ug/kg	380 U		6600 UJ2				
1,4-Dichlorobenzene	ug/kg	380 U		6600 UJ2				
1,2-Dichlorobenzene	ug/kg	380 U		6600 UJ2				
2-Methylphenol	ug/kg	380 U		6600 UJ2				
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U		6600 UJ2				
4-Methylphenol	ug/kg	380 U		6600 UJ2				
N-Nitrosodinpropylamine	ug/kg	380 U		6600 UJ2				
Hexachloroethane	ug/kg	380 U		6600 UJ2				
Nitrobenzene	ug/kg	380 U		6600 UJ2				
Isophorone	ug/kg	380 U		6600 UJ2				
2-Nitrophenol	ug/kg	380 U		6600 UJ2				
2,4-Dimethylphenol	ug/kg	380 U		6600 UJ2				
Bis(2-chloroethoxy)methane	ug/kg	380 U		6600 UJ2				
2,4-Dichlorophenol	ug/kg	380 U		6600 UJ2				
1,2,4-Trichlorobenzene	ug/kg	380 U		6600 UJ2				
Naphthalene	ug/kg	56 J1		1100000 J2		450 J1	1300	5200 J1
4-Chloroaniline	ug/kg	380 U		6600 UJ2				
Hexachlorobutadiene	ug/kg	380 U		6600 UJ2				
4-Chloro-3-Methylphenol	ug/kg	380 U		6600 UJ2				
2-Methylnaphthalene	ug/kg	380 U		560000 J2		170 J1	470 J1	1400 J1
Hexachlorocyclopentadiene	ug/kg	380 U		6600 UJ2				
2,4,6-Trichlorophenol	ug/kg	380 U		6600 UJ2				
2,4,5-Trichlorophenol	ug/kg	920 U		16000 UJ2				
2-Chloronaphthalene	ug/kg	380 U		6600 UJ2				
2-Nitroaniline	ug/kg	920 U		16000 UJ2				
Dimethylphthalate	ug/kg	380 U		6600 UJ2				
Acenaphthylene	ug/kg	380 U		22000 J2		750 U	740 U	12000 U
2,6-Dinitrotoluene	ug/kg	380 U		6600 UJ2				
3-Nitroaniline	ug/kg	920 U		16000 UJ2				
Acenaphthene	ug/kg	380 U		280000 J2		210 J1	410 J1	5000 J1
2,4-Dinitrophenol	ug/kg	920 U		16000 UJ2				
4-Nitrophenol	ug/kg	920 UJ9		16000 UJ2				
Dibenzofuran	ug/kg	380 U		50000 J2				
2,4-Dinitrotoluene	ug/kg	380 U		6600 UJ2				
Diethylphthalate	ug/kg	380 U		6600 UJ2				

TAB. 3-2

ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB94-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	380 U		6600 UJ2				
Fluorene	ug/kg	380 U		160000 J2		200 J1	360 J1	4900 J1
4-Nitroaniline	ug/kg	920 UJ9		16000 UJ2				
4,6-Dinitro-2-methylphenol	ug/kg	920 U		16000 UJ2				
N-Nitrosodiphenylamine (1)	ug/kg	380 U		6600 UJ2				
4-Bromophenyl-phenylether	ug/kg	380 U		6600 UJ2				
Hexachlorobenzene	ug/kg	380 U		6600 UJ2				
Pentachlorophenol	ug/kg	920 U		16000 UJ2				
Phenanthrene	ug/kg	820		530000 J2		1700	2300	41000
Anthracene	ug/kg	100 J1		130000 J2		590 J1	490 J1	9000 J1
Carbazole	ug/kg	67 J1		6600 UJ2				
Di-n-Butylphthalate	ug/kg	380 U		6600 UJ2				
Fluoranthene	ug/kg	1300		250000 J2		2800	2800	50000
Pyrene	ug/kg	900		330000 J2		2400	3200	54000
Butylbenzylphthalate	ug/kg	380 U		6600 UJ2				
3,3-Dichlorobenzidine	ug/kg	380 U		6600 UJ2				
Benzo(a)Anthracene	ug/kg	510		120000 J2		1300	1500	23000
Chrysene	ug/kg	690		120000 J2		1400	1800	23000
bis(2-ethylhexyl)Phthalate	ug/kg	130 J1		6600 UJ2				
Di-n-octylphthalate	ug/kg	380 U		6600 UJ2				
Benzo(b)fluoranthene	ug/kg	890		100000 J2		1800	1800	25000
Benzo(k)fluoranthene	ug/kg	260 J1		43000 J2		530 J1	630 J1	17000
Benzo(a)pyrene	ug/kg	600		97000 J2		1300	1400	24000
Indeno(1,2,3-cd)pyrene	ug/kg	370 J1		32000 J2		520 J1	1000	10000 J1
Dibenz(a,h)anthracene	ug/kg	100 J1		6600 UJ2		100 J1	220 J1	12000 U
Benzo(g,h,i)perylene	ug/kg	380		31000 J2		530 J1	1000	11000 J1

TAE 3-2
ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB04 SS01 14/16
LOCATION:		SCC SB04
DEPTH RANGE:		14 to 16 feet
SAMPLE DATE:		05/12/97
MATRIX:		Soil
SAMPLE TYPE:		Field Sample
LAB SAMPLE ID:		A7E1401630-10
EPA SAMPLE ID:		E146320
SAMPLE TYPE:		N1
SDG NO:		AS06
Semivolatile Organic Compounds		
Phenol	ug/kg	
Bis(2-chloroethyl)ether	ug/kg	
2-Chlorophenol	ug/kg	
1,3-Dichlorobenzene	ug/kg	
1,4-Dichlorobenzene	ug/kg	
1,2-Dichlorobenzene	ug/kg	
2-Methylphenol	ug/kg	
2,2'-oxybis(1-Chloropropane)'	ug/kg	
4-Methylphenol	ug/kg	
N-Nitrosodinpropylamine	ug/kg	
Hexachloroethane	ug/kg	
Nitrobenzene	ug/kg	
Isophorone	ug/kg	
2-Nitrophenol	ug/kg	
2,4-Dimethylphenol	ug/kg	
Bis(2-chloroethoxy)methane	ug/kg	
2,4-Dichlorophenol	ug/kg	
1,2,4-Trichlorobenzene	ug/kg	
Naphthalene	ug/kg	120000
4-Chloroaniline	ug/kg	
Hexachlorobutadiene	ug/kg	
4-Chloro-3-Methylphenol	ug/kg	
2-Methylnaphthalene	ug/kg	100000
Hexachlorocyclopentadiene	ug/kg	
2,4,6-Trichlorophenol	ug/kg	
2,4,5-Trichlorophenol	ug/kg	
2-Chloronaphthalene	ug/kg	
2-Nitroaniline	ug/kg	
Dimethylphthalate	ug/kg	
Acenaphthylene	ug/kg	42000
2,6-Dinitrotoluene	ug/kg	
3-Nitroaniline	ug/kg	
Acenaphthene	ug/kg	8700 J1
2,4-Dinitrophenol	ug/kg	
4-Nitrophenol	ug/kg	
Dibenzofuran	ug/kg	
2,4-Dinitrotoluene	ug/kg	
Diethylphthalate	ug/kg	

TAL 3-2

ANALYTICAL RESULTS - AREA C SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:			SCC-SB04-SS01-14/16
LOCATION:			SCC-SB04
DEPTH RANGE:			14 to 16 feet
SAMPLE DATE:			05/12/97
MATRIX:			Soil
SAMPLE TYPE:			Field Sample
LAB SAMPLE ID:			A7E140163020
EPA SAMPLE ID:			E146320
SAMPLE TYPE:			N1
SDG NO:			AS06
Semivolatile Organic Compounds			
4-Chlorophenyl-phenylether	ug/kg		
Fluorene	ug/kg	39000	
4-Nitroaniline	ug/kg		
4,6-Dinitro-2-methylphenol	ug/kg		
N-Nitrosodiphenylamine (1)	ug/kg		
4-Bromophenyl-phenylether	ug/kg		
Hexachlorobenzene	ug/kg		
Pentachlorophenol	ug/kg		
Phenanthrene	ug/kg	160000	
Anthracene	ug/kg	50000	
Carbazole	ug/kg		
Di-n-Butylphthalate	ug/kg		
Fluoranthene	ug/kg	57000	
Pyrene	ug/kg	96000	
Butylbenzylphthalate	ug/kg		
3,3-Dichlorobenzidine'	ug/kg		
Benzo(a)Anthracene	ug/kg	31000	
Chrysene	ug/kg	29000	
bis(2-ethylhexyl)Phthalate	ug/kg		
Di-n-octylphthalate	ug/kg		
Benzo(b)fluoranthene	ug/kg	16000	J1
Benzo(k)fluoranthene	ug/kg	8400	J1
Benzo(a)pyrene	ug/kg	27000	
Indeno(1,2,3-cd)pyrene	ug/kg	8300	J1
Dibenz(a,h)anthracene	ug/kg	20000	U
Benzo(g,h,i)perylene	ug/kg	9200	J1

TABLE B-2
ANALYTICAL RESULTS - AREA D SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD SB01 SS01 0/6	SCD SB01 SS01 1/2	SCD SB01 SS01 1/2	SCD SB01 SS01 12/14	SCD SB01 SS01 12/14	SCD SB02 SS01 0/6	SCD SB02 SS01 1/2
LOCATION:		SCD SB01	SCD SB01	SCD SB01	SCD SB01	SCD SB01	SCD SB02	SCD SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re Sample	Field Sample	Field Re Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U	380 U		780 U		380 U	
Bis(2-chloroethyl)ether	ug/kg	380 U	380 U		780 U		380 U	
2-Chlorophenol	ug/kg	380 U	380 U		780 U		380 U	
1,3-Dichlorobenzene	ug/kg	380 U	380 U		780 U		380 U	
1,4-Dichlorobenzene	ug/kg	380 U	380 U		780 U		380 U	
1,2-Dichlorobenzene	ug/kg	380 U	380 U		780 U		380 U	
2-Methylphenol	ug/kg	380 U	380 U		780 U		380 U	
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U	380 U		780 U		380 U	
4-Methylphenol	ug/kg	380 U	380 U		780 U		380 U	
N-Nitrosodinpropylamine	ug/kg	380 U	380 U		780 U		380 U	
Hexachloroethane	ug/kg	380 U	380 U		780 U		380 U	
Nitrobenzene	ug/kg	380 U	380 U		780 U		380 U	
Isophorone	ug/kg	380 U	380 U		780 U		380 U	
2-Nitrophenol	ug/kg	380 U	380 U		780 U		380 U	
2,4-Dimethylphenol	ug/kg	380 U	380 U		780 U		380 U	
Bis(2-chloroethoxy)methane	ug/kg	380 U	380 U		780 U		380 U	
2,4-Dichlorophenol	ug/kg	380 U	380 U		780 U		380 U	
1,2,4-Trichlorobenzene	ug/kg	380 U	380 U		780 U		380 U	
Naphthalene	ug/kg	380 U	380 U		4700		100 J1	120 J1
4-Chloroaniline	ug/kg	380 U	380 U		780 U		380 U	
Hexachlorobutadiene	ug/kg	380 U	380 U		780 U		380 U	
4-Chloro-3-Methylphenol	ug/kg	380 U	380 U		780 U		380 U	
2-Methylnaphthalene	ug/kg	380 U	380 U		1700		55 J1	71 J1
Hexachlorocyclopentadiene	ug/kg	380 U	380 U		780 U		380 U	
2,4,6-Trichlorophenol	ug/kg	380 U	380 U		780 U		380 U	
2,4,5-Trichlorophenol	ug/kg	920 U	930 U		1900 U		910 U	
2-Chloronaphthalene	ug/kg	380 U	380 U		780 U		380 U	
2-Nitroaniline	ug/kg	920 U	930 U		1900 U		910 U	
Dimethylphthalate	ug/kg	380 U	380 U		780 U		380 U	
Acenaphthylene	ug/kg	380 U	380 U		780 U		380 U	380 U
2,6-Dinitrotoluene	ug/kg	380 U	380 U		780 U		380 U	
3-Nitroaniline	ug/kg	920 U	930 U		1900 U		910 U	
Acenaphthene	ug/kg	59 J1	380 U		3300		100 J1	140 J1
2,4-Dinitrophenol	ug/kg	920 U	930 U		1900 U		910 U	
4-Nitrophenol	ug/kg	920 U	930 U		1900 U		910 U	
Dibenzofuran	ug/kg	380 U	380 U		1800		71 J1	
2,4-Dinitrotoluene	ug/kg	380 U	380 U		780 U		380 U	
Diethylphthalate	ug/kg	380 U	380 U		780 U		380 U	

TABLE 3-2
ANALYTICAL RESULTS - AREA D SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
LOCATION:		SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Semivolatile Organic Compounds					
Phenol	ug/kg		360 U		
Bis(2-chloroethyl)ether	ug/kg		360 U		
2-Chlorophenol	ug/kg		360 U		
1,3-Dichlorobenzene	ug/kg		360 U		
1,4-Dichlorobenzene	ug/kg		360 U		
1,2-Dichlorobenzene	ug/kg		360 U		
2-Methylphenol	ug/kg		360 U		
2,2-oxybis(1-Chloropropane)'	ug/kg		360 U		
4-Methylphenol	ug/kg		360 U		
N-Nitrosodinpropylamine	ug/kg		360 U		
Hexachloroethane	ug/kg		360 U		
Nitrobenzene	ug/kg		360 U		
Isophorone	ug/kg		360 U		
2-Nitrophenol	ug/kg		360 U		
2,4-Dimethylphenol	ug/kg		360 U		
Bis(2-chloroethoxy)methane	ug/kg		360 U		
2,4-Dichlorophenol	ug/kg		360 U		
1,2,4-Trichlorobenzene	ug/kg		360 U		
Naphthalene	ug/kg	170 J1	60 J1	67 J1	410000 J1
4-Chloroaniline	ug/kg		360 U		
Hexachlorobutadiene	ug/kg		360 U		
4-Chloro-3-Methylphenol	ug/kg		360 U		
2-Methylnaphthalene	ug/kg	670	59 J1	48 J1	3500000
Hexachlorocyclopentadiene	ug/kg		360 U		
2,4,6-Trichlorophenol	ug/kg		360 U		
2,4,5-Trichlorophenol	ug/kg		860 U		
2-Chloronaphthalene	ug/kg		360 U		
2-Nitroaniline	ug/kg		860 U		
Dimethylphthalate	ug/kg		360 U		
Acenaphthylene	ug/kg	50 J1	360 U	380 U	600000 U
2,6-Dinitrotoluene	ug/kg		360 U		
3-Nitroaniline	ug/kg		860 U		
Acenaphthene	ug/kg	780	100 J1	380 U	1800000
2,4-Dinitrophenol	ug/kg		860 U		
4-Nitrophenol	ug/kg		860 U		
Dibenzofuran	ug/kg		76 J1		
2,4-Dinitrotoluene	ug/kg		360 U		
Diethylphthalate	ug/kg		360 U		

TAB. 2-2
ANALYTICAL RESULTS - AREA D SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB02-SS01-8/10	SCD-SB03-SS01-0/6	SCD-SB03-SS01-1/2	SCD-SB03-SS01-4/6
LOCATION:		SCD-SB02	SCD-SB03	SCD-SB03	SCD-SB03
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Semivolatile Organic Compounds					
4-Chlorophenyl phenylether	ug/kg		360 U		
Fluorene	ug/kg	620	130 J1	380 U	500000 J1
4-Nitroaniline	ug/kg		860 U		
4,6-Dinitro-2-methylphenol	ug/kg		860 U		
N Nitrosodiphenylamine (1)	ug/kg		360 U		
4-Bromophenyl-phenylether	ug/kg		360 U		
Hexachlorobenzene	ug/kg		360 U		
Pentachlorophenol	ug/kg		860 U		
Phenanthrene	ug/kg	1500	1100	270 J1	160000 J1
Anthracene	ug/kg	340 J1	290 J1	61 J1	600000 U
Carbazole	ug/kg		130 J1		
Di-n-Butylphthalate	ug/kg		360 U		
Fluoranthene	ug/kg	720	1600	330 J1	140000 J1
Pyrene	ug/kg	460	1700	310 J1	170000 J1
Butylbenzylphthalate	ug/kg		360 U		
3,3-Dichlorobenzidine	ug/kg		360 U		
Benzo(a)Anthracene	ug/kg	190 J1	870	180 J1	67000 J1
Chrysene	ug/kg	160 J1	840	190 J1	86000 J1
bis(2-ethylhexyl)Phthalate	ug/kg		140 J1		
Di-n-octylphthalate	ug/kg		360 U		
Benzo(b)fluoranthene	ug/kg	210 J1	860	150 J1	600000 U
Benzo(k)fluoranthene	ug/kg	71 J1	410	83 J1	600000 U
Benzo(a)pyrene	ug/kg	160 J1	840	190 J1	600000 U
Indeno(1,2,3-cd)pyrene	ug/kg	92 J1	320 J1	120 J1	600000 U
Dibenz(a,h)anthracene	ug/kg	400 U	360 U	380 U	600000 U
Benzo(g,h,i)perylene	ug/kg	85 J1	390	150 J1	600000 U

TABLE 3-2
ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U			380 U			370 U
Bis(2-chloroethyl)ether	ug/kg	380 U			380 U			370 U
2-Chlorophenol	ug/kg	380 U			380 U			370 U
1,3-Dichlorobenzene	ug/kg	380 U			380 U			370 U
1,4-Dichlorobenzene	ug/kg	380 U			380 U			370 U
1,2-Dichlorobenzene	ug/kg	380 U			380 U			370 U
2-Methylphenol	ug/kg	380 U			380 U			370 U
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U			380 U			370 U
4-Methylphenol	ug/kg	380 U			380 U			370 U
N-Nitrosodinpropylamine	ug/kg	380 U			380 U			370 U
Hexachloroethane	ug/kg	380 U			380 U			370 U
Nitrobenzene	ug/kg	380 U			380 U			370 U
Isophorone	ug/kg	380 U			380 U			370 U
2-Nitrophenol	ug/kg	380 U			380 U			370 U
2,4-Dimethylphenol	ug/kg	380 U			380 U			370 U
Bis(2-chloroethoxy)methane	ug/kg	380 U			380 U			370 U
2,4-Dichlorophenol	ug/kg	380 U			380 U			370 U
1,2,4-Trichlorobenzene	ug/kg	380 U			380 U			370 U
Naphthalene	ug/kg	380 U	390 U	68 J1	99 J1	42 J1	8600 J1	250 J1
4-Chloroaniline	ug/kg	380 U			380 U			370 U
Hexachlorobutadiene	ug/kg	380 U			380 U			370 U
4-Chloro-3-Methylphenol	ug/kg	380 U			380 U			370 U
2-Methylnaphthalene	ug/kg	380 U	390 U	430 U	98 J1	41 J1	14000 J1	210 J1
Hexachlorocyclopentadiene	ug/kg	380 U			380 U			370 U
2,4,6-Trichlorophenol	ug/kg	380 U			380 U			370 U
2,4,5-Trichlorophenol	ug/kg	910 U			910 U			900 U
2-Chloronaphthalene	ug/kg	380 U			380 U			370 U
2-Nitroaniline	ug/kg	910 U			910 U			900 U
Dimethylphthalate	ug/kg	380 U			380 U			370 U
Acenaphthylene	ug/kg	380 U	390 U	430 U	380 U	390 U	50000 U	370 U
2,6-Dinitrotoluene	ug/kg	380 U			380 U			370 U
3-Nitroaniline	ug/kg	910 U			910 U			900 U
Acenaphthene	ug/kg	380 U	390 U	430 U	160 J1	59 J1	26000 J1	320 J1
2,4-Dinitrophenol	ug/kg	910 U			910 U			900 U
4-Nitrophenol	ug/kg	910 U			910 U			900 U
Dibenzofuran	ug/kg	380 U			120 J1			220 J1
2,4-Dinitrotoluene	ug/kg	380 U			380 U			370 U
Diethylphthalate	ug/kg	380 U			380 U			370 U

TABLE J-2
ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	380 U			380 U			370 U
Fluorene	ug/kg	380 U	390 U	430 U	170 J1	88 J1	26000 J1	330 J1
4-Nitroaniline	ug/kg	910 U			910 U			900 U
4,6-Dinitro-2-methylphenol	ug/kg	910 U			910 U			900 U
N-Nitrosodiphenylamine (1)	ug/kg	380 U			380 U			370 U
4-Bromophenyl-phenylether	ug/kg	380 U			380 U			370 U
Hexachlorobenzene	ug/kg	380 U			380 U			370 U
Pentachlorophenol	ug/kg	910 U			910 U			900 U
Phenanthrene	ug/kg	76 J1	240 J1	300 J1	820	710	190000	1100
Anthracene	ug/kg	380 U	56 J1	430 U	140 J1	170 J1	49000 J1	130 J1
Carbazole	ug/kg	380 U			380 U			370 U
Di-n-Butylphthalate	ug/kg	380 U			380 U			370 U
Fluoranthene	ug/kg	120 J1	370 J1	460	920	1400	250000	650
Pyrene	ug/kg	120 J1	370 J1	500	630	1000	270000	580
Butylbenzylphthalate	ug/kg	380 U			380 U			370 U
3,3-Dichlorobenzidine	ug/kg	380 U			380 U			370 U
Benzo(a)Anthracene	ug/kg	61 J1	150 J1	240 J1	400	500	110000	280 J1
Chrysene	ug/kg	72 J1	160 J1	240 J1	370 J1	510	120000	230 J1
bis(2-ethylhexyl)Phthalate	ug/kg	160 J1			160 J1			270 J1
Di-n-octylphthalate	ug/kg	380 U			380 U			370 U
Benzo(b)fluoranthene	ug/kg	85 J1	200 J1	280 J1	400	640	110000	290 J1
Benzo(k)fluoranthene	ug/kg	380 U	74 J1	140 J1	140 J1	190 J1	57000	97 J1
Benzo(a)pyrene	ug/kg	68 J1	120 J1	180 J1	330 J1	520	110000	230 J1
Indeno(1,2,3-cd)pyrene	ug/kg	380 U	72 J1	93 J1	150 J1	200 J1	47000 J1	140 J1
Dibenz(a,h)anthracene	ug/kg	380 U	390 U	430 U	380 U	45 J1	50000 U	370 U
Benzo(g,h,i)perylene	ug/kg	380 U	67 J1	100 J1	160 J1	250 J1	47000 J1	160 J1

TAB. 3-2
ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB93-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Semivolatile Organic Compounds								
Phenol	ug/kg	370 U			490 U			
Bis(2-chloroethyl)ether	ug/kg	370 U			490 U			
2-Chlorophenol	ug/kg	370 U			490 U			
1,3-Dichlorobehzene	ug/kg	370 U			490 U			
1,4-Dichlorobenzene	ug/kg	370 UJ5			490 U			
1,2-Dichlorobenzene	ug/kg	370 U			490 U			
2-Methylphenol	ug/kg	370 U			490 U			
2,2-oxybis(1-Chloropropane)'	ug/kg	370 U			490 U			
4-Methylphenol	ug/kg	370 U			490 U			
N-Nitrosodinpropylamine	ug/kg	370 U			490 U			
Hexachloroethane	ug/kg	370 U			490 U			
Nitrobenzene	ug/kg	370 U			490 U			
Isophorone	ug/kg	370 U			490 U			
2-Nitrophenol	ug/kg	370 U			490 U			
2,4-Dimethylphenol	ug/kg	370 U			490 U			
Bis(2-chloroethoxy)methane	ug/kg	370 U			490 U			
2,4-Dichlorophenol	ug/kg	370 U			490 U			
1,2,4-Trichlorobenzene	ug/kg	370 UJ5			490 U			
Naphthalene	ug/kg	370 U	170 J1	400 U	140 J1	45000 U	410 U	410 U
4-Chloroaniline	ug/kg	370 U			490 U			
Hexachlorobutadiene	ug/kg	370 U			490 U			
4-Chloro-3-Methylphenol	ug/kg	370 U			490 U			
2-Methylnaphthalene	ug/kg	37 J1	1400 U	400 U	490 U	6700 J1	410 U	410 U
Hexachlorocyclopentadiene	ug/kg	370 U			490 U			
2,4,6-Trichlorophenol	ug/kg	370 U			490 U			
2,4,5-Trichlorophenol	ug/kg	890 U			1200 U			
2-Chloronaphthalene	ug/kg	370 U			490 U			
2-Nitroaniline	ug/kg	890 U			1200 U			
Dimethylphthalate	ug/kg	370 U			490 U			
Acenaphthylene	ug/kg	370 U	1400 U	400 U	490 U	45000 U	410 U	410 U
2,6-Dinitrotoluene	ug/kg	370 U			490 U			
3-Nitroaniline	ug/kg	890 U			1200 U			
Acenaphthene	ug/kg	150 J10	640 J10	400 U	210 J1	7500 J1	410 U	410 U
2,4-Dinitrophenol	ug/kg	890 U			1200 U			
4-Nitrophenol	ug/kg	890 U			1200 U			
Dibenzofuran	ug/kg	46 J1			90 J1			
2,4-Dinitrotoluene	ug/kg	370 U			490 U			
Diethylphthalate	ug/kg	370 U			490 U			

TAB. J-2
ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB03-SS01-1/2	SCE-SB03-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:		SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:		05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:		E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS06	AS06	AS06	AS06	AS06	AS06	AS08
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	370 U			490 U			
Fluorene	ug/kg	86 J10	420 J10	400 U	140 J1	6500 J1	410 U	410 U
4-Nitroaniline	ug/kg	890 U			1200 U			
4,6-Dinitro-2-methylphenol	ug/kg	890 U			1200 U			
N-Nitrosodiphenylamine (1)	ug/kg	370 U			490 U			
4-Bromophenyl-phenylether	ug/kg	370 U			490 U			
Hexachlorobenzene	ug/kg	370 U			490 U			
Pentachlorophenol	ug/kg	890 R5			1200 U			
Phenanthrene	ug/kg	760 J7	4100 J7	400 U	1400	89000	220 J1	62 J1
Anthracene	ug/kg	190 J10	1200 J10	400 U	320 J1	20000 J1	91 J1	410 U
Carbazole	ug/kg	91 J1			180 J1			
Di-n-Butylphthalate	ug/kg	370 U			490 U			
Fluoranthene	ug/kg	1400 J7	8000 J7	400 U	2000	220000	330 J1	49 J1
Pyrene	ug/kg	1400 J7	6800 J7	400 U	2200	240000	260 J1	410 U
Butylbenzylphthalate	ug/kg	370 U			490 U			
3,3-Dichlorobenzidine	ug/kg	370 U			490 U			
Benzo(a)Anthracene	ug/kg	930 J7	3800 J7	400 U	1100	130000	96 J1	410 U
Chrysene	ug/kg	800 J7	3500 J7	400 U	1200	160000	120 J1	410 U
bis(2-ethylhexyl)Phthalate	ug/kg	610			490 U			
Di-n-octylphthalate	ug/kg	370 U			490 U			
Benzo(b)fluoranthene	ug/kg	1200 J7	6400 J7	400 U	1200	140000	150 J1	410 U
Benzo(k)fluoranthene	ug/kg	460 J7	2400 J7	400 U	470 J1	62000	47 J1	410 U
Benzo(a)pyrene	ug/kg	1200 J7	5200 J7	400 U	1100	130000	86 J1	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	640 J7	2500 J7	400 U	500	55000	410 U	410 U
Dibenz(a,h)anthracene	ug/kg	120 J10	530 J10	400 U	490 U	10000 J1	410 U	410 U
Benzo(g,h,i)perylene	ug/kg	700 J7	2900 J7	400 U	530	53000	410 U	410 U

TAB 3-2

ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Semivolatile Organic Compounds			
Phenol	ug/kg		9000 U
Bis(2-chloroethyl)ether	ug/kg		9000 U
2-Chlorophenol	ug/kg		9000 U
1,3-Dichlorobenzene	ug/kg		9000 U
1,4-Dichlorobenzene	ug/kg		9000 U
1,2-Dichlorobenzene	ug/kg		9000 U
2-Methylphenol	ug/kg		9000 U
2,2-oxybis(1-Chloropropane)'	ug/kg		9000 U
4-Methylphenol	ug/kg		9000 U
N-Nitrosodinpropylamine	ug/kg		9000 U
Hexachloroethane	ug/kg		9000 U
Nitrobenzene	ug/kg		9000 U
Isophorone	ug/kg		9000 U
2-Nitrophenol	ug/kg		9000 U
2,4-Dimethylphenol	ug/kg		9000 U
Bis(2-chloroethoxy)methane	ug/kg		9000 U
2,4-Dichlorophenol	ug/kg		9000 U
1,2,4-Trichlorobenzene	ug/kg		9000 U
Naphthalene	ug/kg	390 U	1500 J1
4-Chloroaniline	ug/kg		9000 U
Hexachlorobutadiene	ug/kg		9000 U
4-Chloro-3-Methylphenol	ug/kg		9000 U
2-Methylnaphthalene	ug/kg	390 U	970 J1
Hexachlorocyclopentadiene	ug/kg		9000 U
2,4,6-Trichlorophenol	ug/kg		9000 U
2,4,5-Trichlorophenol	ug/kg		22000 U
2-Chloronaphthalene	ug/kg		9000 U
2-Nitroaniline	ug/kg		22000 U
Dimethylphthalate	ug/kg		9000 U
Acenaphthylene	ug/kg	390 U	9000 U
2,6-Dinitrotoluene	ug/kg		9000 U
3-Nitroaniline	ug/kg		22000 U
Acenaphthene	ug/kg	390 U	3100 J1
2,4-Dinitrophenol	ug/kg		22000 U
4-Nitrophenol	ug/kg		22000 U
Dibenzofuran	ug/kg		2700 J1
2,4-Dinitrotoluene	ug/kg		9000 U
Diethylphthalate	ug/kg		9000 U

TAB. J-2
ANALYTICAL RESULTS - AREA E SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
LOCATION:		SCE-SB05	SCE-SB05
DEPTH RANGE:		1 to 2 feet	6 to 8 feet
SAMPLE DATE:		05/14/97	05/14/97
MATRIX:		Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample
LAB SAMPLE ID:		A7E190102006	A7E190102007
EPA SAMPLE ID:		E190206	E190207
SAMPLE TYPE:		N1	N1
SDG NO:		AS08	AS08
Semivolatile Organic Compounds			
4-Chlorophenyl phenylether	ug/kg		9000 U
Fluorene	ug/kg	390 U	5900 J1
4-Nitroaniline	ug/kg		22000 U
4,6-Dinitro-2-methylphenol	ug/kg		22000 U
N-Nitrosodiphenylamine (1)	ug/kg		9000 U
4-Bromophenyl phenylether	ug/kg		9000 U
Hexachlorobenzene	ug/kg		9000 U
Pentachlorophenol	ug/kg		22000 U
Phenanthrene	ug/kg	60 J1	44000
Anthracene	ug/kg	390 U	18000
Carbazole	ug/kg		5400 J1
Di-n-Butylphthalate	ug/kg		9000 U
Fluoranthene	ug/kg	170 J1	59000
Pyrene	ug/kg	170 J1	49000
Butylbenzylphthalate	ug/kg		9000 U
3,3-Dichlorobenzidine	ug/kg		9000 U
Benzo(a)Anthracene	ug/kg	90 J1	27000
Chrysene	ug/kg	120 J1	27000
bis(2-ethylhexyl)Phthalate	ug/kg		9000 U
Di-n-octylphthalate	ug/kg		9000 U
Benzo(b)fluoranthene	ug/kg	140 J1	32000
Benzo(k)fluoranthene	ug/kg	60 J1	13000
Benzo(a)pyrene	ug/kg	88 J1	27000
Indeno(1,2,3-cd)pyrene	ug/kg	390 U	13000
Dibenz(a,h)anthracene	ug/kg	390 U	3800 J1
Benzo(g,h,i)perylene	ug/kg	48 J1	15000

TAB 3-2

ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB92-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Semivolatile Organic Compounds								
Phenol	ug/kg	740 U			400 U	480 U		
Bis(2-chloroethyl)ether	ug/kg	740 U			400 U	480 U		
2-Chlorophenol	ug/kg	740 U			400 U	480 U		
1,3-Dichlorobenzene	ug/kg	740 U			400 U	480 U		
1,4-Dichlorobenzene	ug/kg	740 U			400 U	480 U		
1,2-Dichlorobenzene	ug/kg	740 U			400 U	480 U		
2-Methylphenol	ug/kg	740 U			400 U	480 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	740 U			400 U	480 U		
4-Methylphenol	ug/kg	740 U			400 U	480 U		
N-Nitrosodinpropylamine	ug/kg	740 U			400 U	480 U		
Hexachloroethane	ug/kg	740 U			400 U	480 U		
Nitrobenzene	ug/kg	740 U			400 U	480 U		
Isophorone	ug/kg	740 U			400 U	480 U		
2-Nitrophenol	ug/kg	740 U			400 U	480 U		
2,4-Dimethylphenol	ug/kg	740 U			400 U	480 U		
Bis(2-chloroethoxy)methane	ug/kg	740 U			400 U	480 U		
2,4-Dichlorophenol	ug/kg	740 U			400 U	480 U		
1;2,4-Trichlorobenzene	ug/kg	740 U			400 U	480 U		
Naphthalene	ug/kg	86 J1	50 J1	400 U	400 U	480 U	380 U	410 U
4-Chloroaniline	ug/kg	740 U			400 U	480 U		
Hexachlorobutadiene	ug/kg	740 U			400 U	480 U		
4-Chloro-3-Methylphenol	ug/kg	740 U			400 U	480 U		
2-Methylnaphthalene	ug/kg	100 J1	44 J1	400 U	400 U	480 U	380 U	410 U
Hexachlorocyclopentadiene	ug/kg	740 U			400 U	480 U		
2,4,6-Trichlorophenol	ug/kg	740 U			400 U	480 U		
2,4,5-Trichlorophenol	ug/kg	1800 U			960 U	1200 U		
2-Chloronaphthalene	ug/kg	740 U			400 U	480 U		
2-Nitroaniline	ug/kg	1800 U			960 U	1200 U		
Dimethylphthalate	ug/kg	740 U			400 U	480 U		
Acenaphthylene	ug/kg	740 U	400 U	400 U	400 U	480 U	380 U	410 U
2,6-Dinitrotoluene	ug/kg	740 U			400 U	480 U		
3-Nitroaniline	ug/kg	1800 U			960 U	1200 U		
Acenaphthene	ug/kg	320 J1	57 J1	400 U	400 U	480 U	380 U	410 U
2,4-Dinitrophenol	ug/kg	1800 U			960 U	1200 U		
4-Nitrophenol	ug/kg	1800 U			960 U	1200 U		
Dibenzofuran	ug/kg	200 J1			400 U	480 U		
2,4-Dinitrotoluene	ug/kg	740 U			400 U	480 U		
Diethylphthalate	ug/kg	740 U			400 U	480 U		

TAB J-2

ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	740 U			400 U	480 U		
Fluorene	ug/kg	400 J1	400 U	400 U	400 U	480 U	380 U	410 U
4-Nitroaniline	ug/kg	1800 U			960 U	1200 U		
4,6-Dinitro-2-methylphenol	ug/kg	1800 U			960 U	1200 U		
N-Nitrosodiphenylamine (1)	ug/kg	740 U			400 U	480 U		
4-Bromophenyl-phenylether	ug/kg	740 U			400 U	480 U		
Hexachlorobenzene	ug/kg	740 U			400 U	480 U		
Pentachlorophenol	ug/kg	1800 U			960 UJ5	1200 U		
Phenanthrene	ug/kg	3500	600	78 J1	93 J1	67 J1	54 J1	67 J1
Anthracene	ug/kg	1000	140 J1	400 U	400 U	480 U	380 U	410 U
Carbazole	ug/kg	240 J1			400 U	480 U		
Di-n-Butylphthalate	ug/kg	740 U			400 U	480 U		
Fluoranthene	ug/kg	5400	960	55 J1	100 J1	480 U	77 J1	410 U
Pyrene	ug/kg	4000	890	43 J1	78 J1	480 U	50 J1	410 U
Butylbenzylphthalate	ug/kg	87 J1			400 U	480 U		
3,3-Dichlorobenzidine	ug/kg	740 U			400 U	480 U		
Benzo(a)Anthracene	ug/kg	2700	470	400 U	47 J1	480 U	380 U	410 U
Chrysene	ug/kg	2400	360 J1	400 U	45 J1	51 J1	380 U	410 U
bis(2-ethylhexyl)Phthalate	ug/kg	240 J1			140 J1	140 J1		
Di-n-octylphthalate	ug/kg	740 U			400 U	480 U		
Benzo(b)fluoranthene	ug/kg	2900	660	400 U	62 J1	60 J1	380 U	410 U
Benzo(k)fluoranthene	ug/kg	1100	170 J1	400 U	400 U	480 U	380 U	410 U
Benzo(a)pyrene	ug/kg	2500	420	400 U	55 J1	480 U	380 U	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	890	250 J1	400 U	400 U	480 U	380 U	410 U
Dibenz(a,h)anthracene	ug/kg	380 J1	400 U	400 U	400 U	480 U	380 U	410 U
Benzo(g,h,i)perylene	ug/kg	960	260 J1	400 U	400 U	480 U	380 U	410 U

TABLE 3-2
ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Semivolatile Organic Compounds								
Phenol	ug/kg	390 U			360 U	390 U		97000 U
Bis(2-chloroethyl)ether	ug/kg	390 U			360 U	390 U		97000 U
2-Chlorophenol	ug/kg	390 U			360 U	390 U		97000 U
1,3-Dichlorobenzene	ug/kg	390 U			360 U	390 U		97000 U
1,4-Dichlorobenzene	ug/kg	390 U			360 U	390 U		97000 U
1,2-Dichlorobenzene	ug/kg	390 U			360 U	390 U		97000 U
2-Methylphenol	ug/kg	390 U			360 U	390 U		97000 U
2,2-oxybis(1-Chloropropane)'	ug/kg	390 U			360 U	390 U		97000 U
4-Methylphenol	ug/kg	390 U			360 U	390 U		97000 U
N-Nitrosodinpropylamine	ug/kg	390 U			360 U	390 U		97000 U
Hexachloroethane	ug/kg	390 U			360 U	390 U		97000 U
Nitrobenzene	ug/kg	390 U			360 U	390 U		97000 U
Isophorone	ug/kg	390 U			360 U	390 U		97000 U
2-Nitrophenol	ug/kg	390 U			360 U	390 U		97000 U
2,4-Dimethylphenol	ug/kg	390 U			360 U	390 U		97000 U
Bis(2-chloroethoxy)methane	ug/kg	390 U			360 U	390 U		97000 U
2,4-Dichlorophenol	ug/kg	390 U			360 U	390 U		97000 U
1,2,4-Trichlorobenzene	ug/kg	390 U			360 U	390 U		97000 U
Naphthalene	ug/kg	390 U	380 U	390 U	360 U	390 U		38000 J1
4-Chloroaniline	ug/kg	390 U			360 U	390 U		97000 U
Hexachlorobutadiene	ug/kg	390 U			360 U	390 U		97000 U
4-Chloro-3-Methylphenol	ug/kg	390 U			360 U	390 U		97000 U
2-Methylnaphthalene	ug/kg	390 U	380 U	390 U	360 U	390 U		20000 J1
Hexachlorocyclopentadiene	ug/kg	390 U			360 U	390 U		97000 U
2,4,6-Trichlorophenol	ug/kg	390 U			360 U	390 U		97000 U
2,4,5-Trichlorophenol	ug/kg	940 U			870 U	940 U		230000 U
2-Chloronaphthalene	ug/kg	390 U			360 U	390 U		97000 U
2-Nitroaniline	ug/kg	940 U			870 U	940 U		230000 U
Dimethylphthalate	ug/kg	390 U			360 U	390 U		97000 U
Acenaphthylene	ug/kg	390 U	380 U	390 U	360 U	390 U		97000 U
2,6-Dinitrotoluene	ug/kg	390 U			360 U	390 U		97000 U
3-Nitroaniline	ug/kg	940 U			870 U	940 U		230000 U
Acenaphthene	ug/kg	390 U	380 U	390 U	360 U	390 U		77000 J1
2,4-Dinitrophenol	ug/kg	940 U			870 U	940 U		230000 U
4-Nitrophenol	ug/kg	940 U			870 U	940 U		230000 U
Dibenzofuran	ug/kg	390 U			360 U	390 U		37000 J1
2,4-Dinitrotoluene	ug/kg	390 U			360 U	390 U		97000 U
Diethylphthalate	ug/kg	390 U			360 U	390 U		97000 U

TABLE 4-2
ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	390 U			360 U	390 U		97000 U
Fluorene	ug/kg	390 U	380 U	390 U	360 U	390 U		70000 J1
4-Nitroaniline	ug/kg	940 U			870 U	940 U		230000 U
4,6-Dinitro-2-methylphenol	ug/kg	940 U			870 U	940 U		230000 U
N-Nitrosodiphenylamine (1)	ug/kg	390 U			360 U	390 U		97000 U
4-Bromophenyl-phenylether	ug/kg	390 U			360 U	390 U		97000 U
Hexachlorobenzene	ug/kg	390 U			360 U	390 U		97000 U
Pentachlorophenol	ug/kg	940 U			870 U	940 U		230000 U
Phenanthrene	ug/kg	390 U	82 J1	390 U	310 J1	89 J1		440000
Anthracene	ug/kg	390 U	380 U	390 U	360 U	390 U		110000
Carbazole	ug/kg	390 U			360 U	390 U		69000 J1
Di-n-Butylphthalate	ug/kg	390 U			360 U	390 U		97000 U
Fluoranthene	ug/kg	62 J1	180 J1	390 U	430	140 J1		440000
Pyrene	ug/kg	52 J1	160 J1	390 U	400	120 J1		350000
Butylbenzylphthalate	ug/kg	390 U			360 U	390 U		97000 U
3,3-Dichlorobenzidine	ug/kg	390 U			360 U	390 U		97000 U
Benzo(a)Anthracene	ug/kg	390 U	78 J1	390 U	260 J1	83 J1		240000
Chrysene	ug/kg	390 U	77 J1	390 U	250 J1	79 J1		240000
bis(2-ethylhexyl)Phthalate	ug/kg	390 U			360 U	61 J1		97000 U
Di-n-octylphthalate	ug/kg	390 U			360 U	390 U		97000 U
Benzo(b)fluoranthene	ug/kg	49 J1	110 J1	390 U	200 J1	95 J1		240000
Benzo(k)fluoranthene	ug/kg	390 U	45 J1	390 U	90 J1	47 J1		110000
Benzo(a)pyrene	ug/kg	390 U	78 J1	390 U	260 J1	110 J1		230000
Indeno(1,2,3-cd)pyrene	ug/kg	390 U	45 J1	390 U	140 J1	62 J1		96000 J1
Dibenz(a,h)anthracene	ug/kg	390 U	380 U	390 U	360 U	390 U		34000 J1
Benzo(g,h,i)perylene	ug/kg	390 U	43 J1	390 U	140 J1	70 J1		100000

TABLE 3-2
ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Semivolatile Organic Compounds								
Phenol	ug/kg		400 U			3000 U		
Bis(2-chloroethyl)ether	ug/kg		400 U			3000 U		
2-Chlorophenol	ug/kg		400 U			3000 U		
1,3-Dichlorobenzene	ug/kg		400 U			3000 U		
1,4-Dichlorobenzene	ug/kg		400 U			3000 U		
1,2-Dichlorobenzene	ug/kg		400 U			3000 U		
2-Methylphenol	ug/kg		400 U			3000 U		
2,2-oxybis(1-Chloropropane)'	ug/kg		400 U			3000 U		
4-Methylphenol	ug/kg		400 U			3000 U		
N-Nitrosodinpropylamine	ug/kg		400 U			3000 U		
Hexachloroethane	ug/kg		400 U			3000 U		
Nitrobenzene	ug/kg		400 U			3000 U		
Isophorone	ug/kg		400 U			3000 U		
2-Nitrophenol	ug/kg		400 U			3000 U		
2,4-Dimethylphenol	ug/kg		400 U			3000 U		
Bis(2-chloroethoxy)methane	ug/kg		400 U			3000 U		
2,4-Dichlorophenol	ug/kg		400 U			3000 U		
1,2,4-Trichlorobenzene	ug/kg		400 U			3000 U		
Naphthalene	ug/kg		400 U	390 U	1700 J1	430 J1	1600 J1	400 U
4-Chloroaniline	ug/kg		400 U			3000 UJ9		
Hexachlorobutadiene	ug/kg		400 U			3000 U		
4-Chloro-3-Methylphenol	ug/kg		400 U			3000 U		
2-Methylnaphthalene	ug/kg		400 U	390 U	910 J1	3000 U	13000 U	400 U
Hexachlorocyclopentadiene	ug/kg		400 U			3000 U		
2,4,6-Trichlorophenol	ug/kg		400 U			3000 U		
2,4,5-Trichlorophenol	ug/kg		960 U			7300 U		
2-Chloronaphthalene	ug/kg		400 U			3000 U		
2-Nitroaniline	ug/kg		960 U			7300 U		
Dimethylphthalate	ug/kg		400 U			3000 U		
Acenaphthylene	ug/kg		400 U	390 U	1800 U	500 J1	13000 U	400 U
2,6-Dinitrotoluene	ug/kg		400 U			3000 U		
3-Nitroaniline	ug/kg		960 U			7300 U		
Acenaphthene	ug/kg		400 U	390 U	1300 J1	1000 J1	7000 J1	400 U
2,4-Dinitrophenol	ug/kg		960 U			7300 U		
4-Nitrophenol	ug/kg		960 U			7300 UJ9		
Dibenzofuran	ug/kg		400 U			460 J1		
2,4-Dinitrotoluene	ug/kg		400 U			3000 U		
Diethylphthalate	ug/kg		400 U			3000 U		

TAB. J-2
ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg		400 U			3000 U		
Fluorene	ug/kg		400 U	390 U	1500 J1	860 J1	8000 J1	400 U
4-Nitroaniline	ug/kg		960 U			7300 U		
4,6-Dinitro-2-methylphenol	ug/kg		960 U			7300 U		
N-Nitrosodiphenylamine (1)	ug/kg		400 U			3000 U		
4-Bromophenyl-phenylether	ug/kg		400 U			3000 U		
Hexachlorobenzene	ug/kg		400 U			3000 U		
Pentachlorophenol	ug/kg		960 U			7300 U		
Phenanthrene	ug/kg		80 J1	390 U	13000 D	7700	33000	56 J1
Anthracene	ug/kg		400 U	390 U	3300	2700 J1	13000	400 U
Carbazole	ug/kg		400 U			1500 J1		
Di-n-Butylphthalate	ug/kg		400 U			3000 U		
Fluoranthene	ug/kg		110 J1	78 J1	13000	19000	78000	50 J1
Pyrene	ug/kg		78 J1	78 J1	11000	20000	70000	46 J1
Butylbenzylphthalate	ug/kg		400 U			3000 UJ9		
3,3-Dichlorobenzidine	ug/kg		400 U			3000 U		
Benzo(a)Anthracene	ug/kg		43 J1	390 U	4500	7900	33000	400 U
Chrysene	ug/kg		52 J1	42 J1	3800	8200	39000	400 U
bis(2-ethylhexyl)Phthalate	ug/kg		400 U			680 J10		
Di-n-octylphthalate	ug/kg		400 U			3000 U		
Benzo(b)fluoranthene	ug/kg		70 J1	52 J1	4600	16000	59000	400 U
Benzo(k)fluoranthene	ug/kg		400 U	390 U	970 J1	5000	16000	400 U
Benzo(a)pyrene	ug/kg		400 U	390 U	3400	11000	40000	400 U
Indeno(1,2,3-cd)pyrene	ug/kg		400 U	390 U	1500 J1	6900	18000	400 U
Dibenz(a,h)anthracene	ug/kg		400 U	390 U	430 J1	1400 J1	6100 J1	400 U
Benzo(g,h,i)perylene	ug/kg		400 U	390 U	1500 J1	6000	18000	400 U

TABLE 3-2
ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Semivolatile Organic Compounds								
Phenol	ug/kg							
Bis(2-chloroethyl)ether	ug/kg							
2-Chlorophenol	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
2-Methylphenol	ug/kg							
2,2-oxybis(1-Chloropropane)'	ug/kg							
4-Methylphenol	ug/kg							
N-Nitrosodinpropylamine	ug/kg							
Hexachloroethane	ug/kg							
Nitrobenzene	ug/kg							
Isophorone	ug/kg							
2-Nitrophenol	ug/kg							
2,4-Dimethylphenol	ug/kg							
Bis(2-chloroethoxy)methane	ug/kg							
2,4-Dichlorophenol	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
Naphthalene	ug/kg	43 J1	75 J1	700	42 J1	720 J1	330 J1	390 U
4-Chloroaniline	ug/kg							
Hexachlorobutadiene	ug/kg							
4-Chloro-3-Methylphenol	ug/kg							
2-Methylnaphthalene	ug/kg	360 U	380 U	300 J1	360 U	3700 U	2500 U	390 U
Hexachlorocyclopentadiene	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2-Chloronaphthalene	ug/kg							
2-Nitroaniline	ug/kg							
Dimethylphthalate	ug/kg							
Acenaphthylene	ug/kg	360 U	380 U	610 U	360 U	3700 U	2500 U	390 U
2,6-Dinitrotoluene	ug/kg							
3-Nitroaniline	ug/kg							
Acenaphthene	ug/kg	360 U	48 J1	430 J1	360 U	2200 J1	1000 J1	390 U
2,4-Dinitrophenol	ug/kg							
4-Nitrophenol	ug/kg							
Dibenzofuran	ug/kg							
2,4-Dinitrotoluene	ug/kg							
Diethylphthalate	ug/kg							

TAB J-2

ANALYTICAL RESULTS - AREA F SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01 0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01 0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01 1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg							
Fluorene	ug/kg	360 U	66 J1	570 J1	360 U	1500 J1	700 J1	390 U
4-Nitroaniline	ug/kg							
4,6-Dinitro-2-methylphenol	ug/kg							
N-Nitrosodiphenylamine (1)	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
Hexachlorobenzene	ug/kg							
Pentachlorophenol	ug/kg							
Phenanthrene	ug/kg	250 J1	380	3600	280 J1	12000	6000	85 J1
Anthracene	ug/kg	46 J1	50 J1	1000	77 J1	3600 J1	1700 J1	390 U
Carbazole	ug/kg							
Di-n-Butylphthalate	ug/kg							
Fluoranthene	ug/kg	500	440	2800	480	21000	11000	390 U
Pyrene	ug/kg	510	430	2400	650	19000	10000	390 U
Butylbenzylphthalate	ug/kg							
3,3-Dichlorobenzidine	ug/kg							
Benzo(a)Anthracene	ug/kg	330 J1	210 J1	1200	240 J1	10000	6300	390 U
Chrysene	ug/kg	330 J1	220 J1	1200	270 J1	11000	6500	390 U
bis(2-ethylhexyl)Phthalate	ug/kg							
Di-n-octylphthalate	ug/kg							
Benzo(b)fluoranthene	ug/kg	420	280 J1	1200	310 J1	18000	9100	390 U
Benzo(k)fluoranthene	ug/kg	120 J1	110 J1	380 J1	130 J1	6400	3700	390 U
Benzo(a)pyrene	ug/kg	300 J1	190 J1	940	260 J1	14000	7000	390 U
Indeno(1,2,3-cd)pyrene	ug/kg	170 J1	100 J1	430 J1	200 J1	8600	4400	390 U
Dibenz(a,h)anthracene	ug/kg	360 U	380 U	120 J1	360 U	2000 J1	830 J1	390 U
Benzo(g,h,i)perylene	ug/kg	150 J1	96 J1	390 J1	190 J1	9000	4800	390 U

TABLE 3-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB91-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Semivolatile Organic Compounds								
Phenol	ug/kg	380 U				76000 U		
Bis(2-chloroethyl)ether	ug/kg	380 U				76000 U		
2-Chlorophenol	ug/kg	380 U				76000 U		
1,3-Dichlorobenzene	ug/kg	380 U				76000 U		
1,4-Dichlorobenzene	ug/kg	380 U				76000 U		
1,2-Dichlorobenzene	ug/kg	380 U				76000 U		
2-Methylphenol	ug/kg	380 U				76000 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	380 U				76000 U		
4-Methylphenol	ug/kg	380 U				76000 U		
N-Nitrosodinpropylamine	ug/kg	380 U				76000 U		
Hexachloroethane	ug/kg	380 U				76000 U		
Nitrobenzene	ug/kg	380 U				76000 U		
Isophorone	ug/kg	380 U				76000 U		
2-Nitrophenol	ug/kg	380 U				76000 U		
2,4-Dimethylphenol	ug/kg	380 U				76000 U		
Bis(2-chloroethoxy)methane	ug/kg	380 U				76000 U		
2,4-Dichlorophenol	ug/kg	380 U				76000 U		
1,2,4-Trichlorobenzene	ug/kg	380 U				76000 U		
Naphthalene	ug/kg	380 U	42 J1	58 J1	71 J1	150000	1900000	10000
4-Chloroaniline	ug/kg	380 U				76000 UJ9		
Hexachlorobutadiene	ug/kg	380 U				76000 U		
4-Chloro-3-Methylphenol	ug/kg	380 U				76000 U		
2-Methylnaphthalene	ug/kg	380 U	380 U	500 U	480 U	87000	890000	5600
Hexachlorocyclopentadiene	ug/kg	380 U				76000 U		
2,4,6-Trichlorophenol	ug/kg	380 U				76000 U		
2,4,5-Trichlorophenol	ug/kg	910 U				180000 U		
2-Chloronaphthalene	ug/kg	380 U				76000 U		
2-Nitroaniline	ug/kg	910 U				180000 U		
Dimethylphthalate	ug/kg	380 U				76000 U		
Acenaphthylene	ug/kg	380 U	380 U	500 U	480 U	76000 U	97000 U	2200
2,6-Dinitrotoluene	ug/kg	380 U				76000 U		
3-Nitroaniline	ug/kg	910 U				180000 U		
Acenaphthene	ug/kg	380 U	380 U	500 U	57 J1	100000	840000	1900
2,4-Dinitrophenol	ug/kg	910 U				180000 U		
4-Nitrophenol	ug/kg	910 U				180000 UJ9		
Dibenzofuran	ug/kg	380 U				82000		
2,4-Dinitrotoluene	ug/kg	380 U				76000 U		
Diethylphthalate	ug/kg	380 U				76000 U		

TABL -2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB91-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	380 U				76000 U		
Fluorene	ug/kg	380 U	380 U	60 J1	82 J1	110000	900000	3000
4-Nitroaniline	ug/kg	910 U				180000 UJ9		
4,6-Dinitro-2-methylphenol	ug/kg	910 U				180000 U		
N-Nitrosodiphenylamine (1)	ug/kg	380 U				76000 U		
4-Bromophenyl-phenylether	ug/kg	380 U				76000 U		
Hexachlorobenzene	ug/kg	380 U				76000 U		
Pentachlorophenol	ug/kg	910 U				180000 U		
Phenanthrene	ug/kg	95 J1	120 J1	460 J1	520	350000	2200000	6400
Anthracene	ug/kg	380 U	380 U	140 J1	160 J1	190000	340000	1400
Carbazole	ug/kg	380 U				54000 J1		
Di-n-Butylphthalate	ug/kg	380 U				76000 U		
Fluoranthene	ug/kg	200 J1	150 J1	760	1200	260000	1100000	1200 J1
Pyrene	ug/kg	160 J1	120 J1	790	940	180000	800000	1700
Butylbenzylphthalate	ug/kg	380 U				76000 U		
3,3-Dichlorobenzidine	ug/kg	380 U				76000 U		
Benzo(a)Anthracene	ug/kg	60 J1	54 J1	390 J1	590	98000	250000	600 J1
Chrysene	ug/kg	110 J1	67 J1	430 J1	630	98000	250000	620 J1
bis(2-ethylhexyl)Phthalate	ug/kg	110 J1				76000 U		
Di-n-octylphthalate	ug/kg	380 U				76000 U		
Benzo(b)fluoranthene	ug/kg	150 J1	79 J1	500	890	130000	210000	390 J1
Benzo(k)fluoranthene	ug/kg	380 U	380 U	160 J1	270 J1	59000 J1	85000 J1	1400 U
Benzo(a)pyrene	ug/kg	68 J1	60 J1	370 J1	610	100000	160000	410 J1
Indeno(1,2,3-cd)pyrene	ug/kg	380 U	380 U	160 J1	260 J1	43000 J1	54000 J1	1400 U
Dibenz(a,h)anthracene	ug/kg	380 U	380 U	83 J1	89 J1	12000 J1	97000 U	1400 U
Benzo(g,h,i)perylene	ug/kg	65 J1	380 U	500 U	290 J1	41000 J1	55000 J1	1400 U

TAB. -2

ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Semivolatile Organic Compounds								
Phenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Bis(2-chloroethyl)ether	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2-Chlorophenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
1,3-Dichlorobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
1,4-Dichlorobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
1,2-Dichlorobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2-Methylphenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
4-Methylphenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
N-Nitrosodinpropylamine	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Hexachloroethane	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Nitrobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Isophorone	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2-Nitrophenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2,4-Dimethylphenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Bis(2-chloroethoxy)methane	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2,4-Dichlorophenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
1,2,4-Trichlorobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Naphthalene	ug/kg	4300 J1	3500 J1	1600 J1	3800 U	430 J1	40000	660000
4-Chloroaniline	ug/kg	8900 UJ9	14000 UJ9	13000 UJ9	3800 UJ9	1400 UJ9		
Hexachlorobutadiene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
4-Chloro-3-Methylphenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2-Methylnaphthalene	ug/kg	3200 J1	3100 J1	1900 J1	3800 U	1400 U	14000 J1	230000 J1
Hexachlorocyclopentadiene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2,4,6-Trichlorophenol	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2,4,5-Trichlorophenol	ug/kg	22000 U	34000 U	32000 U	9300 U	3400 U		
2-Chloronaphthalene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
2-Nitroaniline	ug/kg	22000 U	34000 U	32000 U	9300 U	3400 U		
Dimethylphthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Acenaphthylene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U	18000 U	260000 U
2,6-Dinitrotoluene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
3-Nitroaniline	ug/kg	22000 U	34000 U	32000 U	9300 U	3400 U		
Acenaphthene	ug/kg	6500 J1	9600 J1	5200 J1	6000 J9	550 J1	37000	930000
2,4-Dinitrophenol	ug/kg	22000 U	34000 U	32000 U	9300 U	3400 U		
4-Nitrophenol	ug/kg	22000 UJ9	34000 UJ9	32000 UJ9	9300 R5	3400 UJ9		
Dibenzofuran	ug/kg	3200 J1	4100 J1	5100 J1	740 J1	300 J1		
2,4-Dinitrotoluene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Diethylphthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		

TAB. .-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01 1/2	SCG-SB03-SS01 1/2	SCG-SB03-SS01 4/6	SCG-SB03-SS01 12/14	SCG-SB04-SS01 0/6	SCG-SB04-SS01 1/2	SCG-SB04-SS01 8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Fluorene	ug/kg	5000 J1	7700 J1	9200 J1	3300 J1	580 J1	32000	1000000
4-Nitroaniline	ug/kg	22000 UJ9	34000 UJ9	32000 UJ9	9300 UJ9	3400 UJ9		
4,6-Dinitro-2-methylphenol	ug/kg	22000 U	34000 U	32000 U	9300 U	3400 U		
N-Nitrosodiphenylamine (1)	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
4-Bromophenyl-phenylether	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Hexachlorobenzene	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Pentachlorophenol	ug/kg	22000 U	34000 U	32000 U	9300 R5	3400 U		
Phenanthrene	ug/kg	29000	41000	48000	920 J1	4100	150000	7800000
Anthracene	ug/kg	12000	19000	16000	1800 J1	1200 J1	45000	2300000
Carbazole	ug/kg	3200 J1	5300 J1	3600 J1	460 J1	630 J1		
Di-n-Butylphthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Fluoranthene	ug/kg	37000	56000	57000	18000	8500	240000	6500000
Pyrene	ug/kg	28000	55000	45000	14000	8900	240000	5200000
Butylbenzylphthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
3,3-Dichlorobenzidine	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Benzo(a)Anthracene	ug/kg	25000	32000	22000	4300	4200	140000	2700000
Chrysene	ug/kg	24000	34000	21000	4200	4600	130000	2700000
bis(2-ethylhexyl)Phthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1000 J1		
Di-n-octylphthalate	ug/kg	8900 U	14000 U	13000 U	3800 U	1400 U		
Benzo(b)fluoranthene	ug/kg	41000	65000	26000	4300	7900	270000	2600000
Benzo(k)fluoranthene	ug/kg	15000	22000	8600 J1	1800 J1	2400	94000	1400000
Benzo(a)pyrene	ug/kg	36000	57000	18000	3100 J1	5500	220000	2400000
Indeno(1,2,3-cd)pyrene	ug/kg	17000	28000	8600 J1	1100 J1	3200	110000	900000
Dibenz(a,h)anthracene	ug/kg	5200 J1	9100 J1	13000 U	3800 U	1000 J1	35000	200000 J1
Benzo(g,h,i)perylene	ug/kg	18000	30000	8500 J1	1200 J1	3600	97000	960000

TABLE 3-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB94-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Semivolatile Organic Compounds								
Phenol	ug/kg		12000 U					
Bis(2-chloroethyl)ether	ug/kg		12000 U					
2-Chlorophenol	ug/kg		12000 U					
1,3-Dichlorobenzene	ug/kg		12000 U					
1,4-Dichlorobenzene	ug/kg		12000 U					
1,2-Dichlorobenzene	ug/kg		12000 U					
2-Methylphenol	ug/kg		12000 U					
2,2-oxybis(1-Chloropropane)'	ug/kg		12000 U					
4-Methylphenol	ug/kg		12000 U					
N-Nitrosodinpropylamine	ug/kg		12000 U					
Hexachloroethane	ug/kg		12000 U					
Nitrobenzene	ug/kg		12000 U					
Isophorone	ug/kg		12000 U					
2-Nitrophenol	ug/kg		12000 U					
2,4-Dimethylphenol	ug/kg		12000 U					
Bis(2-chloroethoxy)methane	ug/kg		12000 U					
2,4-Dichlorophenol	ug/kg		12000 U					
1,2,4-Trichlorobenzene	ug/kg		12000 U					
Naphthalene	ug/kg	660000	4300 J1	4200 J1	87 J1	3800	780	1000000
4-Chloroaniline	ug/kg		12000 UJ9					
Hexachlorobutadiene	ug/kg		12000 U					
4-Chloro-3-Methylphenol	ug/kg		12000 U					
2-Methylnaphthalene	ug/kg	240000	1800 J1	2000 J1	53 J1	1000 J1	240 J1	250000
Hexachlorocyclopentadiene	ug/kg		12000 U					
2,4,6-Trichlorophenol	ug/kg		12000 U					
2,4,5-Trichlorophenol	ug/kg		28000 U					
2-Chloronaphthalene	ug/kg		12000 U					
2-Nitroaniline	ug/kg		28000 U					
Dimethylphthalate	ug/kg		12000 U					
Acenaphthylene	ug/kg	190000 U	12000 U	19000 U	400 U	2500 U	730 U	81000 J1
2,6-Dinitrotoluene	ug/kg		12000 U					
3-Nitroaniline	ug/kg		28000 U					
Acenaphthene	ug/kg	940000	6400 J1	4300 J1	140 J1	890 J1	280 J1	160000 J1
2,4-Dinitrophenol	ug/kg		28000 U					
4-Nitrophenol	ug/kg		28000 UJ9					
Dibenzofuran	ug/kg		2300 J1					
2,4-Dinitrotoluene	ug/kg		12000 U					
Diethylphthalate	ug/kg		12000 U					

TAB. J-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG SB04 SS01 8/10	SCG SB05 SS01 1/2	SCG SB05 SS01 6/8	SCG SB05 SS01 10/12	SCG SB06-SS01 0/6	SCG SB06-SS01 1/2	SCG SB06 SS01 4/6
LOCATION:		SCG SB04	SCG SB05	SCG-SB05	SCG SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg		12000 U					
Fluorene	ug/kg	980000	4900 J1	3200 J1	320 J1	830 J1	270 J1	210000 J1
4-Nitroaniline	ug/kg		28000 UJ9					
4,6-Dinitro-2-methylphenol	ug/kg		28000 U					
N-Nitrosodiphenylamine (1)	ug/kg		12000 U					
4-Bromophenyl-phenylether	ug/kg		12000 U					
Hexachlorobenzene	ug/kg		12000 U					
Pentachlorophenol	ug/kg		28000 U					
Phenanthrene	ug/kg	8100000	54000	53000	2000	5600	1600	1200000
Anthracene	ug/kg	2400000	14000	12000 J1	870	1300 J1	380 J1	280000
Carbazole	ug/kg		9000 J1					
Di-n-Butylphthalate	ug/kg		12000 U					
Fluoranthene	ug/kg	6700000	91000	89000	2500	10000	2900	1700000
Pyrene	ug/kg	5100000	79000	69000	2000	13000	3600	1800000
Butylbenzylphthalate	ug/kg		12000 U					
3,3-Dichlorobenzidine	ug/kg		12000 U					
Benzo(a)Anthracene	ug/kg	2800000	46000	47000	1300	6000	1800	1100000
Chrysene	ug/kg	3900000	51000	51000	1300	8100	2100	1500000
bis(2-ethylhexyl)Phthalate	ug/kg		12000 U					
Di-n-octylphthalate	ug/kg		12000 U					
Benzo(b)fluoranthene	ug/kg	2400000	69000	71000	1900	9400	2500	1400000
Benzo(k)fluoranthene	ug/kg	1300000	22000	26000	580	2700	840	480000
Benzo(a)pyrene	ug/kg	2300000	53000	57000	1300	6600	1800	1100000
Indeno(1,2,3-cd)pyrene	ug/kg	890000	22000	27000	570	3800	1100	620000
Dibenz(a,h)anthracene	ug/kg	180000 J1	7700 J1	9300 J1	170 J1	760 J1	290 J1	210000 J1
Benzo(g,h,i)perylene	ug/kg	920000	22000	31000	490	3600	1000	600000

TABLE 3-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Semivolatile Organic Compounds								
Phenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
Bis(2-chloroethyl)ether	ug/kg	6800 U	100000 U		8000 U	75000 U		
2-Chlorophenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
1,3-Dichlorobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
1,4-Dichlorobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
1,2-Dichlorobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
2-Methylphenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	6800 U	100000 U		8000 U	75000 U		
4-Methylphenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
N-Nitrosodinpropylamine	ug/kg	6800 U	100000 U		8000 U	75000 U		
Hexachloroethane	ug/kg	6800 U	100000 U		8000 U	75000 U		
Nitrobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
Isophorone	ug/kg	6800 U	100000 U		8000 U	75000 U		
2-Nitrophenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
2,4-Dimethylphenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
Bis(2-chloroethoxy)methane	ug/kg	6800 U	100000 U		8000 U	75000 U		
2,4-Dichlorophenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
1,2,4-Trichlorobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
Naphthalene	ug/kg	3300 J1	79000 J1		8000 U	500000	420 U	370 U
4-Chloroaniline	ug/kg	6800 U	100000 U		8000 U	75000 U		
Hexachlorobutadiene	ug/kg	6800 U	100000 U		8000 U	75000 U		
4-Chloro-3-Methylphenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
2-Methylnaphthalene	ug/kg	1400 J1	31000 J1		14000	120000	420 U	370 U
Hexachlorocyclopentadiene	ug/kg	6800 U	100000 U		8000 U	75000 U		
2,4,6-Trichlorophenol	ug/kg	6800 U	100000 U		8000 U	75000 U		
2,4,5-Trichlorophenol	ug/kg	16000 U	250000 U		20000 U	180000 U		
2-Chloronaphthalene	ug/kg	6800 U	100000 U		8000 U	75000 U		
2-Nitroaniline	ug/kg	16000 U	250000 U		20000 U	180000 U		
Dimethylphthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		
Acenaphthylene	ug/kg	6800 U	100000 U		8000 U	75000 U	420 U	370 U
2,6-Dinitrotoluene	ug/kg	6800 U	100000 U		8000 U	75000 U		
3-Nitroaniline	ug/kg	16000 U	250000 U		20000 U	180000 U		
Acenaphthene	ug/kg	4100 J1	89000 J1		12000	140000	420 U	370 U
2,4-Dinitrophenol	ug/kg	16000 U	250000 U		20000 U	180000 U		
4-Nitrophenol	ug/kg	16000 U	250000 U		20000 U	180000 U		
Dibenzofuran	ug/kg	1800 J1	38000 J1		7200 J1	150000		
2,4-Dinitrotoluene	ug/kg	6800 U	100000 U		8000 U	75000 U		
Diethylphthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		

TAB. ,-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG SB07-SS01 0/6	SCG SB07 SS01 2/4	SCG SB07 SS01 2/4	SCG SB07 SS01 8/10	SCG SB08 SS01 1/2	SCG SB08 SS01 8/10	SCG SB08 SS01 12/14
LOCATION:		SCG-SB07	SCG SB07	SCG SB07	SCG SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Semivolatile Organic Compounds								
4-Chlorophenyl-phenylether	ug/kg	6800 U	100000 U		8000 U	75000 U		
Fluorene	ug/kg	3000 J1	69000 J1		12000	220000	420 U	370 U
4-Nitroaniline	ug/kg	16000 U	250000 U		20000 U	180000 U		
4,6-Dinitro-2-methylphenol	ug/kg	16000 U	250000 U		20000 U	180000 U		
N-Nitrosodiphenylamine (1)	ug/kg	6800 U	100000 U		8000 U	75000 U		
4-Bromophenyl-phenylether	ug/kg	6800 U	100000 U		8000 U	75000 U		
Hexachlorobenzene	ug/kg	6800 U	100000 U		8000 U	75000 U		
Pentachlorophenol	ug/kg	16000 U	250000 U		20000 U	180000 U		
Phenanthrene	ug/kg	27000	470000		37000	1000000	42 J1	71 J1
Anthracene	ug/kg	6100 J1	130000		8000 J1	470000	420 U	370 U
Carbazole	ug/kg	3600 J1	70000 J1		4600 J1	220000		
Di-n-Butylphthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		
Fluoranthene	ug/kg	41000	640000		22000	1100000	420 U	58 J1
Pyrene	ug/kg	33000	530000		16000	760000	43 J1	47 J1
Butylbenzylphthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		
3,3-Dichlorobenzidine'	ug/kg	6800 U	100000 U		8000 U	75000 U		
Benzo(a)Anthracene	ug/kg	23000	360000		7300 J1	420000	420 U	370 U
Chrysene	ug/kg	24000	390000		7600 J1	410000	420 U	50 J1
bis(2-ethylhexyl)Phthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		
Di-n-octylphthalate	ug/kg	6800 U	100000 U		8000 U	75000 U		
Benzo(b)fluoranthene	ug/kg	31000	420000		9000	400000	420 U	46 J1
Benzo(k)fluoranthene	ug/kg	10000	180000		4000 J1	160000	420 U	370 U
Benzo(a)pyrene	ug/kg	24000	390000		6900 J1	350000	420 U	370 U
Indeno(1,2,3-cd)pyrene	ug/kg	12000	180000		2700 J1	130000	420 U	370 U
Dibenz(a,h)anthracene	ug/kg	4100 J1	49000 J1		8000 U	37000 J1	420 U	370 U
Benzo(g,h,i)perylene	ug/kg	12000	180000		2700 J1	130000	420 U	370 U

TAB. -2

ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
LOCATION:		SCG-SB09	SCG-SB09	SCG-SB09
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	8 to 10 feet
SAMPLE DATE:		06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129004	A7F170129005	A7F170129006
EPA SAMPLE ID:		F172904	F172905	F172906
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS11	AS11
Semivolatile Organic Compounds				
Phenol	ug/kg	92000 U		
Bis(2-chloroethyl)ether	ug/kg	92000 U		
2-Chlorophenol	ug/kg	92000 U		
1,3-Dichlorobenzene	ug/kg	92000 U		
1,4-Dichlorobenzene	ug/kg	92000 U		
1,2-Dichlorobenzene	ug/kg	92000 U		
2-Methylphenol	ug/kg	92000 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	92000 U		
4-Methylphenol	ug/kg	92000 U		
N-Nitrosodinpropylamine	ug/kg	92000 U		
Hexachloroethane	ug/kg	92000 U		
Nitrobenzene	ug/kg	92000 U		
Isophorone	ug/kg	92000 U		
2-Nitrophenol	ug/kg	92000 U		
2,4-Dimethylphenol	ug/kg	92000 U		
Bis(2-chloroethoxy)methane	ug/kg	92000 U		
2,4-Dichlorophenol	ug/kg	92000 U		
1,2,4-Trichlorobenzene	ug/kg	92000 U		
Naphthalene	ug/kg	54000 J1	430 U	480 U
4-Chloroaniline	ug/kg	92000 U		
Hexachlorobutadiene	ug/kg	92000 U		
4-Chloro-3-Methylphenol	ug/kg	92000 U		
2-Methylnaphthalene	ug/kg	17000 J1	430 U	480 U
Hexachlorocyclopentadiene	ug/kg	92000 U		
2,4,6-Trichlorophenol	ug/kg	92000 U		
2,4,5-Trichlorophenol	ug/kg	220000 U		
2-Chloronaphthalene	ug/kg	92000 U		
2-Nitroaniline	ug/kg	220000 U		
Dimethylphthalate	ug/kg	92000 U		
Acenaphthylene	ug/kg	92000 U	430 U	480 U
2,6-Dinitrotoluene	ug/kg	92000 U		
3-Nitroaniline	ug/kg	220000 U		
Acenaphthene	ug/kg	47000 J1	430 U	480 U
2,4-Dinitrophenol	ug/kg	220000 U		
4-Nitrophenol	ug/kg	220000 U		
Dibenzofuran	ug/kg	44000 J1		
2,4-Dinitrotoluene	ug/kg	92000 U		
Diethylphthalate	ug/kg	92000 U		

TABLE B-2
ANALYTICAL RESULTS - AREA G SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB09-SS01 1/2	SCG SB09 SS01 6/8	SCG SB09 SS01 8/10
LOCATION:		SCG-SB09	SCG SB09	SCG SB09
DEPTH RANGE:		1 to 2 feet	6 to 8 feet	8 to 10 feet
SAMPLE DATE:		06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129004	A7F170129005	A7F170129006
EPA SAMPLE ID:		F172904	F172905	F172906
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS11	AS11	AS11
Semivolatile Organic Compounds				
4 Chlorophenyl phenylether	ug/kg	92000 U		
Fluorene	ug/kg	71000 J1	430 U	480 U
4 Nitroaniline	ug/kg	220000 U		
4,6 Dinitro 2 methylphenol	ug/kg	220000 U		
N Nitrosodiphenylamine (1)	ug/kg	92000 U		
4-Bromophenyl phenylether	ug/kg	92000 U		
Hexachlorobenzene	ug/kg	92000 U		
Pentachlorophenol	ug/kg	220000 U		
Phenanthrene	ug/kg	380000	190 J1	480 U
Anthracene	ug/kg	94000	68 J1	480 U
Carbazole	ug/kg	74000 J1		
Di n-Butylphthalate	ug/kg	92000 U		
Fluoranthene	ug/kg	370000	240 J1	73 J1
Pyrene	ug/kg	260000	190 J1	63 J1
Butylbenzylphthalate	ug/kg	92000 U		
3,3-Dichlorobenzidine	ug/kg	92000 U		
Benzo(a)Anthracene	ug/kg	160000	110 J1	480 U
Chrysene	ug/kg	190000	130 J1	56 J1
bis(2-ethylhexyl)Phthalate	ug/kg	92000 U		
Di-n-octylphthalate	ug/kg	92000 U		
Benzo(b)fluoranthene	ug/kg	230000	170 J1	71 J1
Benzo(k)fluoranthene	ug/kg	87000 J1	58 J1	480 U
Benzo(a)pyrene	ug/kg	160000	120 J1	60 J1
Indeno(1,2,3-cd)pyrene	ug/kg	88000 J1	65 J1	480 U
Dibenz(a,h)anthracene	ug/kg	22000 J1	430 U	480 U
Benzo(g,h,i)perylene	ug/kg	59000 J1	56 J1	480 U

TAL 3-2

ALYTICAL RESULTS - BACKGROUND SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Semivolatile Organic Compounds				
Phenol	ug/kg	410 U	400 U	410 U
Bis(2-chloroethyl)ether	ug/kg	410 U	400 U	410 U
2-Chlorophenol	ug/kg	410 U	400 U	410 U
1,3-Dichlorobenzene	ug/kg	410 U	400 U	410 U
1,4-Dichlorobenzene	ug/kg	410 U	400 U	410 U
1,2-Dichlorobenzene	ug/kg	410 U	400 U	410 U
2-Methylphenol	ug/kg	410 U	400 U	410 U
2,2-oxybis(1-Chloropropane)'	ug/kg	410 U	400 U	410 U
4-Methylphenol	ug/kg	410 U	400 U	410 U
N-Nitrosodinpropylamine	ug/kg	410 U	400 U	410 U
Hexachloroethane	ug/kg	410 U	400 U	410 U
Nitrobenzene	ug/kg	410 U	400 U	410 U
Isophorone	ug/kg	410 U	400 U	410 U
2-Nitrophenol	ug/kg	410 U	400 U	410 U
2,4-Dimethylphenol	ug/kg	410 U	400 U	410 U
Bis(2-chloroethoxy)methane	ug/kg	410 U	400 U	410 U
2,4-Dichlorophenol	ug/kg	410 U	400 U	410 U
1,2,4-Trichlorobenzene	ug/kg	410 U	400 U	410 U
Naphthalene	ug/kg	410 U	400 U	410 U
4-Chloroaniline	ug/kg	410 U	400 U	410 U
Hexachlorobutadiene	ug/kg	410 U	400 U	410 U
4-Chloro-3-Methylphenol	ug/kg	410 U	400 U	410 U
2-Methylnaphthalene	ug/kg	410 U	400 U	410 U
Hexachlorocyclopentadiene	ug/kg	410 U	400 U	410 U
2,4,6-Trichlorophenol	ug/kg	410 U	400 U	410 U
2,4,5-Trichlorophenol	ug/kg	1000 U	980 U	1000 U
2-Chloronaphthalene	ug/kg	410 U	400 U	410 U
2-Nitroaniline	ug/kg	1000 U	980 U	1000 U
Dimethylphthalate	ug/kg	410 U	400 U	410 U
Acenaphthylene	ug/kg	410 U	400 U	410 U
2,6-Dinitrotoluene	ug/kg	410 U	400 U	410 U
3-Nitroaniline	ug/kg	1000 U	980 U	1000 U
Acenaphthene	ug/kg	59 J1	400 U	410 U
2,4-Dinitrophenol	ug/kg	1000 U	980 U	1000 U
4-Nitrophenol	ug/kg	1000 U	980 U	1000 U
Dibenzofuran	ug/kg	54 J1	400 U	410 U
2,4-Dinitrotoluene	ug/kg	410 U	400 U	410 U
Diethylphthalate	ug/kg	410 U	400 U	410 U

TAB. 3-2
ANALYTICAL RESULTS - BACKGROUND SOILS
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Semivolatile Organic Compounds				
4-Chlorophenyl-phenylether	ug/kg	410 U	400 U	410 U
Fluorene	ug/kg	84 J1	400 U	410 U
4-Nitroaniline	ug/kg	1000 U	980 U	1000 U
4,6-Dinitro-2-methylphenol	ug/kg	1000 U	980 U	1000 U
N-Nitrosodiphenylamine (1)	ug/kg	410 U	400 U	410 U
4-Bromophenyl-phenylether	ug/kg	410 U	400 U	410 U
Hexachlorobenzene	ug/kg	410 U	400 U	410 U
Pentachlorophenol	ug/kg	1000 U	980 U	1000 U
Phenanthrene	ug/kg	560	56 J1	410 U
Anthracene	ug/kg	97 J1	400 U	410 U
Carbazole	ug/kg	43 J1	400 U	410 U
Di-n-Butylphthalate	ug/kg	46 J1	400 U	410 U
Fluoranthene	ug/kg	750	58 J1	410 U
Pyrene	ug/kg	630	44 J1	410 U
Butylbenzylphthalate	ug/kg	410 U	400 U	410 U
3,3-Dichlorobenzidine	ug/kg	410 U	400 U	410 U
Benzo(a)Anthracene	ug/kg	380 J1	400 U	410 U
Chrysene	ug/kg	400 J1	400 U	410 U
bis(2-ethylhexyl)Phthalate	ug/kg	180 J1	400 U	410 U
Di-n-octylphthalate	ug/kg	410 U	400 U	410 U
Benzo(b)fluoranthene	ug/kg	550	54 J1	410 U
Benzo(k)fluoranthene	ug/kg	180 J1	400 U	410 U
Benzo(a)pyrene	ug/kg	370 J1	45 J1	410 U
Indeno(1,2,3-cd)pyrene	ug/kg	160 J1	400 U	410 U
Dibenz(a,h)anthracene	ug/kg	58 J1	400 U	410 U
Benzo(g,h,i)perylene	ug/kg	180 J1	400 U	410 U

TAB 3-2

ANALYTICAL RESULTS - SEDIMENT
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		C1-SD01MMSD	CU-SD02	CD-SD03
LOCATION:		Inlet Location	Upstream Location	Downstream Location
DEPTH RANGE:				
SAMPLE DATE:		05/31/97	05/31/97	05/31/97
MATRIX:		Sediment	Sediment	Sediment
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135002	A7F040135003	A7F040135001
EPA SAMPLE ID:		F043502	F043503	F043501
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS09	AS09	AS09
Semivolatile Organic Compounds				
Phenol	ug/kg	4600 U		
Bis(2-chloroethyl)ether	ug/kg	4600 U		
2-Chlorophenol	ug/kg	4600 U		
1,3-Dichlorobenzene	ug/kg	4600 U		
1,4-Dichlorobenzene	ug/kg	4600 U		
1,2-Dichlorobenzene	ug/kg	4600 U		
2-Methylphenol	ug/kg	4600 U		
2,2-oxybis(1-Chloropropane)'	ug/kg	4600 U		
4-Methylphenol	ug/kg	4600 U		
N-Nitrosodinpropylamine	ug/kg	4600 U		
Hexachloroethane	ug/kg	4600 U		
Nitrobenzene	ug/kg	4600 U		
Isophorone	ug/kg	4600 U		
2-Nitrophenol	ug/kg	4600 U		
2,4-Dimethylphenol	ug/kg	4600 U		
Bis(2-chloroethoxy)methane	ug/kg	4600 U		
2,4-Dichlorophenol	ug/kg	4600 U		
1,2,4-Trichlorobenzene	ug/kg	4600 U		
Naphthalene	ug/kg	6200	100 J1	1700 U
4-Chloroaniline	ug/kg	4600 UJ9		
Hexachlorobutadiene	ug/kg	4600 U		
4-Chloro-3-Methylphenol	ug/kg	4600 U		
2-Methylnaphthalene	ug/kg	5900	140 J1	280 J1
Hexachlorocyclopentadiene	ug/kg	4600 U		
2,4,6-Trichlorophenol	ug/kg	4600 U		
2,4,5-Trichlorophenol	ug/kg	11000 U		
2-Chloronaphthalene	ug/kg	4600 U		
2-Nitroaniline	ug/kg	11000 U		
Dimethylphthalate	ug/kg	4600 U		
Acenaphthylene	ug/kg	4600 U	140 J1	1700 U
2,6-Dinitrotoluene	ug/kg	4600 U		
3-Nitroaniline	ug/kg	11000 U		
Acenaphthene	ug/kg	4300 J1	400	2800
2,4-Dinitrophenol	ug/kg	11000 U		
4-Nitrophenol	ug/kg	11000 UJ9		
Dibenzofuran	ug/kg	2700 J1		
2,4-Dinitrotoluene	ug/kg	4600 U		
Diethylphthalate	ug/kg	4600 U		

TA. . B-2
ANALYTICAL RESULTS - SEDIMENT
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	CI SD01MMSD	CD SD02	CD-SD03
	LOCATION:	Inlet Location	Upstream Location	Downstream Location
	DEPTH RANGE:			
	SAMPLE DATE:	05/31/97	05/31/97	05/31/97
	MATRIX:	Sediment	Sediment	Sediment
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7F040135002	A7F040135003	A7F040135001
	EPA SAMPLE ID:	F043502	F043503	F043501
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS09	AS09	AS09
Semivolatile Organic Compounds				
4 Chlorophenyl phenylether	ug/kg	4600 U		
Fluorene	ug/kg	4400 J1	380 J1	2700
4 Nitroaniline	ug/kg	11000 UJ9		
4,6 Dinitro 2 methylphenol	ug/kg	11000 U		
N Nitrosodiphenylamine (1)	ug/kg	4600 U		
4 Bromophenyl phenylether	ug/kg	4600 U		
Hexachlorobenzene	ug/kg	4600 U		
Pentachlorophenol	ug/kg	11000 U		
Phenanthrene	ug/kg	29000	1500	12000
Anthracene	ug/kg	4200 J1	600	1900
Carbazole	ug/kg	1500 J1		
Di n Butylphthalate	ug/kg	4600 U		
Fluoranthene	ug/kg	31000	2800	8500
Pyrene	ug/kg	18000 J9	2600	5200
Butylbenzylphthalate	ug/kg	4600 U		
3,3-Dichlorobenzidine	ug/kg	4600 U		
Benzo(a)Anthracene	ug/kg	8900	1400	2300
Chrysene	ug/kg	8900	1300	2400
bis(2-ethylhexyl)Phthalate	ug/kg	33000		
Di-n-octylphthalate	ug/kg	4600 U		
Benzo(b)fluoranthene	ug/kg	11000	1700	2000
Benzo(k)fluoranthene	ug/kg	3100 J1	610	560 J1
Benzo(a)pyrene	ug/kg	7000	1200	1500 J1
Indeno(1,2,3-cd)pyrene	ug/kg	3700 J1	500	680 J1
Dibenz(a,h)anthracene	ug/kg	1000 J1	140 J1	150 J1
Benzo(g,h,i)perylene	ug/kg	3800 J1	420	610 J1

TABLE 3-2
ANALYTICAL RESULTS - GROUNDWATER
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97	TB2-6/6/97	TB1-6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCG-SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Semivolatile Organic Compounds							
Phenol	ug/L	1600		33 U	1 J1		
Bis(2-chloroethyl)ether	ug/L	1600 U		33 UJ4	10 U		
2-Chlorophenol	ug/L	1600 U		33 U	10 U		
1,3-Dichlorobenzene	ug/L	1600 U		33 UJ4	10 U		
1,4-Dichlorobenzene	ug/L	1600 U		33 UJ4	10 U		
1,2-Dichlorobenzene	ug/L	1600 U		33 UJ4	10 U		
2-Methylphenol	ug/L	4700		33 U	10 U		
2,2-oxybis(1-Chloropropane)'	ug/L	1600 U		33 UJ4	10 U		
4-Methylphenol	ug/L	9800		33 U	10 U		
N-Nitrosodinpropylamine	ug/L	1600 U		33 UJ4	10 U		
Hexachloroethane	ug/L	1600 U		33 UJ4	10 U		
Nitrobenzene	ug/L	1600 U		33 UJ4	10 U		
Isophorone	ug/L	1600 U		33 UJ4	10 U		
2-Nitrophenol	ug/L	1600 U		33 U	10 U		
2,4-Dimethylphenol	ug/L	9900		7 J10	10 U		
Bis(2-chloroethoxy)methane	ug/L	1600 U		33 UJ4	10 U		
2,4-Dichlorophenol	ug/L	1600 U		33 U	10 U		
1,2,4-Trichlorobenzene	ug/L	1600 U		33 UJ4	10 U		
Naphthalene	ug/L	8600		240 J4	10 U		
4-Chloroaniline	ug/L	1600 U		33 UJ4	10 U		
Hexachlorobutadiene	ug/L	1600 U		33 UJ4	10 U		
4-Chloro-3-Methylphenol	ug/L	1600 U		33 U	10 U		
2-Methylnaphthalene	ug/L	810 J1		110 J4	10 U		
Hexachlorocyclopentadiene	ug/L	1600 U		33 UJ4	10 U		
2,4,6-Trichlorophenol	ug/L	1600 U		33 U	10 U		
2,4,5-Trichlorophenol	ug/L	4000 U		83 U	25 U		
2-Chloronaphthalene	ug/L	1600 U		33 UJ4	10 U		
2-Nitroaniline	ug/L	4000 U		83 UJ4	25 U		
Dimethylphthalate	ug/L	1600 U		33 UJ4	10 U		
Acenaphthylene	ug/L	1600 U		4 J10	10 U		
2,6-Dinitrotoluene	ug/L	1600 U		33 UJ4	10 U		
3-Nitroaniline	ug/L	4000 U		83 UJ4	25 U		
Acenaphthene	ug/L	240 J1		120 J4	10 U		
2,4-Dinitrophenol	ug/L	4000 U		83 U	25 U		
4-Nitrophenol	ug/L	4000 U		83 U	25 U		
Dibenzofuran	ug/L	170 J1		63 J4	10 U		
2,4-Dinitrotoluene	ug/L	1600 U		33 UJ4	10 U		
Diethylphthalate	ug/L	1600 U		33 UJ4	10 U		

TAB 3-2

ANALYTICAL RESULTS - GROUNDWATER
SEMIVOLATILE ORGANIC COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-TW01-GW01	SCB-TW02-GW01	SCC-TW03-GW01	GWRB1-6/6/97	TB2 6/6/97	TB1 6/6/97
LOCATION:		SCA-SB01	SCB-SB02	SCC-SB03			
DEPTH RANGE:							
SAMPLE DATE:		06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
MATRIX:		Groundwater	Groundwater	Groundwater			
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
LAB SAMPLE ID:		A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
EPA ID:		F110101	F110104	F110105	F110102	F110103	F110106
SAMPLE TYPE:		N1	N1	N1	EB1	TB1	TB1
SDG NO:		AS10	AS10	AS10	AS10	AS10	AS10
Semivolatile Organic Compounds							
4-Chlorophenyl-phenylether	ug/L	1600 U		33 UJ4	10 U		
Fluorene	ug/L	1600 U		75 J4	10 U		
4-Nitroaniline	ug/L	4000 U		83 UJ4	25 U		
4,6-Dinitro-2 methylphenol	ug/L	4000 U		83 U	25 U		
N-Nitrosodiphenylamine (1)	ug/L	1600 U		33 UJ4	10 U		
4-Bromophenyl phenylether	ug/L	1600 U		33 UJ4	10 U		
Hexachlorobenzene	ug/L	1600 U		33 UJ4	10 U		
Pentachlorophenol	ug/L	4000 U		83 U	25 U		
Phenanthrene	ug/L	300 J1		160 J4	10 U		
Anthracene	ug/L	1600 U		34 J4	10 U		
Carbazole	ug/L	310 J1		130 J4	10 U		
Di-n-Butylphthalate	ug/L	1600 U		33 UJ4	10 U		
Fluoranthene	ug/L	1600 U		76 J4	10 U		
Pyrene	ug/L	1600 U		38 J4	10 U		
Butylbenzylphthalate	ug/L	1600 U		33 UJ4	10 U		
3,3-Dichlorobenzidine'	ug/L	1600 U		33 UJ4	10 U		
Benzo(a)Anthracene	ug/L	1600 U		20 J10	10 U		
Chrysene	ug/L	1600 U		20 J10	10 U		
bis(2-ethylhexyl)Phthalate	ug/L	1600 U		33 UJ4	10 U		
Di-n-octylphthalate	ug/L	1600 U		33 UJ4	10 U		
Benzo(b)fluoranthene	ug/L	1600 U		22 J10	10 U		
Benzo(k)fluoranthene	ug/L	1600 U		9 J10	10 U		
Benzo(a)pyrene	ug/L	1600 U		18 J10	10 U		
Indeno(1,2,3-cd)pyrene	ug/L	1600 U		8 J10	10 U		
Dibenz(a,h)anthracene	ug/L	1600 U		33 UJ4	10 U		
Benzo(g,h,i)perylene	ug/L	1600 U		7 J10	10 U		

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TAB. .3-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB01 SS01 0/6	SCA SB01 SS01 1/2	SCA SB01 SS01 6/8	SCA SB01 SS01 6/8	SCA SB02 SS01 0/6	SCA SB02 SS01 1/2	SCA SB02 SS01 8/10
LOCATION:		SCA SB01	SCA SB01	SCA SB01	SCA SB01	SCA SB02	SCA SB02	SCA SB02
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0 5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	2 U				9 9 U		
beta-BHC	ug/kg	2 U				9 9 U		
delta-BHC	ug/kg	2 U				9 9 U		
gamma-BHC(Lindane)	ug/kg	2 U				9 9 U		
Heptachlor	ug/kg	2 U				9 9 U		
Aldrin	ug/kg	2 U				9 9 U		
Heptachlor epoxide	ug/kg	2 U				9 9 U		
Endosulfan I	ug/kg	2 U				9 9 U		
Dieldrin	ug/kg	0 98 J10				3 4 J10		
4,4-DDE'	ug/kg	0 73 J10				2 8 J10		
Endrin	ug/kg	4 1 U				20 U		
Endosulfan II	ug/kg	1 4 J10				3 2 J10		
4,4-DDD'	ug/kg	4 1 U				20 U		
Endosulfan sulfate	ug/kg	4 1 U				20 U		
4,4-DDT'	ug/kg	4 1 U				3 J10		
Methoxychlor	ug/kg	19 J10				32 J10		
Endrin ketone	ug/kg	4 1 U				20 U		
Endrin aldehyde	ug/kg	4 1 U				20 U		
alpha-Chlordane	ug/kg	2 U				3 5 J10		
gamma-Chlordane	ug/kg	2 U				9 9 U		
Toxaphene	ug/kg	200 U				990 U		
Aroclor-1016	ug/kg	41 U				200 U		
Aroclor-1221	ug/kg	81 U				400 U		
Aroclor-1232	ug/kg	41 U				200 U		
Aroclor-1242	ug/kg	41 U				200 U		
Aroclor-1248	ug/kg	41 U				200 U		
Aroclor-1254	ug/kg	41 U				93 J10		
Aroclor-1260	ug/kg	41 U				200 U		

TAB .-3

ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB03-SS01-0/6	SCA-SB03-SS01-1/2	SCA-SB03-SS01-14/16	SCA-SB04-SS01-0/6	SCA-SB04-SS01-1/2	SCA-SB04-SS01-14/16	SCA-SB05-SS01-0/6
LOCATION:		SCA-SB03	SCA-SB03	SCA-SB03	SCA-SB04	SCA-SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	9.9 U			2 U			2 U
beta-BHC	ug/kg	9.9 U			2 U			2 U
delta-BHC	ug/kg	9.9 U			2 U			2 U
gamma-BHC(Lindane)	ug/kg	9.9 U			2 U			2 U
Heptachlor	ug/kg	9.9 U			2 U			2 U
Aldrin	ug/kg	9.9 U			2 U			2 U
Heptachlor epoxide	ug/kg	9.9 U			2 U			2 U
Endosulfan I	ug/kg	9.9 U			2 U			2 U
Dieldrin	ug/kg	20 U			0.5 J10			0.26 J10
4,4-DDE'	ug/kg	20 U			0.58 J10			0.79 J10
Endrin	ug/kg	20 U			3.9 U			4 U
Endosulfan II	ug/kg	20 U			0.22 J10			4 U
4,4-DDD'	ug/kg	1.3 J10			3.9 U			0.17 J10
Endosulfan sulfate	ug/kg	20 U			3.9 U			4 U
4,4-DDT'	ug/kg	20 U			3.9 U			4 U
Methoxychlor	ug/kg	23 J10			10 J10			5 J10
Endrin ketone	ug/kg	20 U			3.9 U			4 U
Endrin aldehyde	ug/kg	20 U			3.9 U			4 U
alpha-Chlordane	ug/kg	9.9 U			0.26 J10			2 U
gamma-Chlordane	ug/kg	9.9 U			2 U			2 U
Toxaphene	ug/kg	990 U			200 U			200 U
Aroclor-1016	ug/kg	200 U			39 U			40 U
Aroclor-1221	ug/kg	400 U			78 U			80 U
Aroclor-1232	ug/kg	200 U			39 U			40 U
Aroclor-1242	ug/kg	200 U			39 U			40 U
Aroclor-1248	ug/kg	200 U			39 U			40 U
Aroclor-1254	ug/kg	200 U			39 U			40 U
Aroclor-1260	ug/kg	200 U			39 U			40 U

TABLE 2-3

ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB06-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
	LOCATION:	SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
	DEPTH RANGE:	1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
	SAMPLE DATE:	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
	MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
	EPA SAMPLE ID:	E078003	E078004	E078005	E078006	E078007	E078008	E078009
	SAMPLE TYPE:	N1	N1	N1	FR1	N1	N1	N1
	SDG NO:	AS03	AS03	AS03	AS03	AS03	AS03	AS03
Pesticide/PCB Compounds								
alpha-BHC	ug/kg			1.9 U	1.8 U			2 U
beta-BHC	ug/kg			1.9 U	1.8 U			2 U
delta-BHC	ug/kg			1.9 U	1.8 U			2 U
gamma-BHC(Lindane)	ug/kg			1.9 U	1.8 U			2 U
Heptachlor	ug/kg			1.9 U	1.8 U			2 U
Aldrin	ug/kg			1.9 U	1.8 U			2 U
Heptachlor epoxide	ug/kg			1.9 U	1.8 U			2 U
Endosulfan I	ug/kg			0.067 J10	1.8 U			2 U
Dieldrin	ug/kg			3.6 J10	2.6 J10			0.89 J10
4,4-DDE	ug/kg			1.1 J10	0.88 J10			0.82 J10
Endrin	ug/kg			3.7 U	3.7 U			3.9 U
Endosulfan II	ug/kg			1.7 J10	1.2 J10			0.88 J10
4,4-DDD	ug/kg			3.7 U	3.7 U			3.9 U
Endosulfan sulfate	ug/kg			3.7 U	3.7 U			3.9 U
4,4-DDT	ug/kg			1 J10	0.98 J10			1.4 J10
Methoxychlor	ug/kg			9.7 J10	9.4 J10			7 J10
Endrin ketone	ug/kg			3.7 U	3.7 U			3.9 U
Endrin aldehyde	ug/kg			3.7 U	3.7 U			3.9 U
alpha-Chlordane	ug/kg			1.7 J10	1.2 J10			0.7 J10
gamma-Chlordane	ug/kg			0.29 J10	0.2 J10			0.57 J10
Toxaphene	ug/kg			190 U	180 U			200 U
Aroclor-1016	ug/kg			37 U	37 U			39 U
Aroclor-1221	ug/kg			75 U	74 U			78 U
Aroclor-1232	ug/kg			37 U	37 U			39 U
Aroclor-1242	ug/kg			37 U	37 U			39 U
Aroclor-1248	ug/kg			37 U	37 U			39 U
Aroclor-1254	ug/kg			63 J12	48 J12			25 J10
Aroclor-1260	ug/kg			37 U	37 U			39 U

TABLE 3-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB07-SS01-1/2	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB07-SS01-8/10	SCA-SB08-SS01-0/6	SCA-SB08-SS01-1/2	SCA-SB08-SS01-12/14
LOCATION:		SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB07	SCA-SB08	SCA-SB08	SCA-SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Pesticide/PCB Compounds								
alpha-BHC	ug/kg		9.3 U		22 U	1.9 U		
beta-BHC	ug/kg		9.3 U		22 U	1.9 U		
delta-BHC	ug/kg		9.3 U		22 U	1.9 U		
gamma-BHC(Lindane)	ug/kg		9.3 U		22 U	1.9 U		
Heptachlor	ug/kg		9.3 U		22 U	1.9 U		
Aldrin	ug/kg		9.3 U		22 U	1.9 U		
Heptachlor epoxide	ug/kg		9.3 U		22 U	1.9 U		
Endosulfan I	ug/kg		1.8 J10		22 U	1.9 U		
Dieldrin	ug/kg		5.4 J10		44 U	1.6 J10		
4,4-DDE'	ug/kg		3.4 J10		44 U	0.78 J10		
Endrin	ug/kg		19 U		44 U	3.9 U		
Endosulfan II	ug/kg		19 U		44 U	0.49 J10		
4,4-DDD'	ug/kg		19 U		44 U	3.9 U		
Endosulfan sulfate	ug/kg		19 U		44 U	3.9 U		
4,4-DDT'	ug/kg		19 U		44 U	3.9 U		
Methoxychlor	ug/kg		11 J10		27 J10	11 J10		
Endrin ketone	ug/kg		19 U		44 U	3.9 U		
Endrin aldehyde	ug/kg		19 U		44 U	3.9 U		
alpha-Chlordane	ug/kg		6.8 J1		22 U	0.93 J10		
gamma-Chlordane	ug/kg		3.8 J10		22 U	0.96 J10		
Toxaphene	ug/kg		930 U		2200 U	190 U		
Aroclor-1016	ug/kg		190 U		440 U	39 U		
Aroclor-1221	ug/kg		370 U		880 U	78 U		
Aroclor-1232	ug/kg		190 U		440 U	39 U		
Aroclor-1242	ug/kg		190 U		440 U	39 U		
Aroclor-1248	ug/kg		190 U		440 U	39 U		
Aroclor-1254	ug/kg		200		440 U	32 J10		
Aroclor-1260	ug/kg		190 U		440 U	39 U		

TABLE 3-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB09 SS01 0/6	SCA SB09 SS01 1/2	SCA SB09 SS01 1/2	SCA SB09 SS01 4/6	SCA SB10 SS01 0/6	SCA SB10 SS01 1/2	SCA SB10 SS01 10/12
LOCATION:		SCA SB09	SCA SB09	SCA-SB09	SCA SB09	SCA SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0 5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	9 7 U				9 4 U		
beta-BHC	ug/kg	9 7 U				9 4 U		
delta-BHC	ug/kg	9 7 U				9 4 U		
gamma-BHC(Lindane)	ug/kg	9 7 U				9 4 U		
Heptachlor	ug/kg	9 7 U				9 4 U		
Aldrin	ug/kg	9 7 U				9 4 U		
Heptachlor epoxide	ug/kg	9 7 U				9 4 U		
Endosulfan I	ug/kg	6 J10				11		
Dieldrin	ug/kg	12 J10				9 8 J10		
4,4-DDE'	ug/kg	6 7 J10				5 1 J1		
Endrin	ug/kg	19 U				19 U		
Endosulfan II	ug/kg	19 U				19 U		
4,4-DDD'	ug/kg	53 J12				62 J12		
Endosulfan sulfate	ug/kg	19 U				19 U		
4,4-DDT'	ug/kg	0 7 J10				19 U		
Methoxychlor	ug/kg	10 J10				12 J10		
Endrin ketone	ug/kg	19 U				19 U		
Endrin aldehyde	ug/kg	19 U				19 U		
alpha-Chlordane	ug/kg	14				8 4 J10		
gamma-Chlordane	ug/kg	8 2 J10				2 8 J10		
Toxaphene	ug/kg	970 U				940 U		
Aroclor-1016	ug/kg	190 U				190 U		
Aroclor-1221	ug/kg	390 U				380 U		
Aroclor-1232	ug/kg	190 U				190 U		
Aroclor-1242	ug/kg	190 U				190 U		
Aroclor-1248	ug/kg	190 U				190 U		
Aroclor-1254	ug/kg	190 U				190 U		
Aroclor-1260	ug/kg	190 U				190 U		

TAB 3-3

ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB11-SS01-0/6	SCA-SB11-SS01-1/2	SCA-SB11-SS01-14/16	SCA-SB12-SS01-0/6	SCA-SB12-SS01-1/2	SCA-SB12-SS01-4/6	SCA-SB13-SS01-0/6
LOCATION:		SCA-SB11	SCA-SB11	SCA-SB11	SCA-SB12	SCA-SB12	SCA-SB12	SCA-SB13
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	2 U			2 U			2.1 U
beta-BHC	ug/kg	2 U			2 U			2.1 U
delta-BHC	ug/kg	2 U			2 U			2.1 U
gamma-BHC(Lindane)	ug/kg	2 U			2 U			2.1 U
Heptachlor	ug/kg	2 U			2 U			2.1 U
Aldrin	ug/kg	2 U			2 U			2.1 U
Heptachlor epoxide	ug/kg	2 U			2 U			2.1 U
Endosulfan I	ug/kg	2 U			2 U			2.1 U
Dieldrin	ug/kg	0.39 J10			0.44 J10			4.2 U
4,4-DDE'	ug/kg	0.63 J1			0.33 J10			0.68 J10
Endrin	ug/kg	4 U			3.9 U			4.2 U
Endosulfan II	ug/kg	4 U			3.9 U			4.2 U
4,4-DDD'	ug/kg	0.19 J10			0.21 J10			1.8 J1
Endosulfan sulfate	ug/kg	4 U			3.9 U			4.2 U
4,4-DDT'	ug/kg	3.9 J1			3.9 U			0.55 J10
Methoxychlor	ug/kg	3.5 J10			3.6 J10			21 U
Endrin ketone	ug/kg	4 U			3.9 U			4.2 U
Endrin aldehyde	ug/kg	4 U			3.9 U			4.2 U
alpha-Chlordane	ug/kg	2 U			2 U			0.22 J10
gamma-Chlordane	ug/kg	2 U			2 U			0.42 J10
Toxaphene	ug/kg	200 U			200 U			210 U
Aroclor-1016	ug/kg	40 U			39 U			42 U
Aroclor-1221	ug/kg	80 U			78 U			84 U
Aroclor-1232	ug/kg	40 U			39 U			42 U
Aroclor-1242	ug/kg	40 U			39 U			42 U
Aroclor-1248	ug/kg	40 U			39 U			42 U
Aroclor-1254	ug/kg	40 U			39 U			42 U
Aroclor-1260	ug/kg	40 U			39 U			42 U

TAB. 3-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:	SCA SB13 SS01 1/2	SCA SB103 SS01 1/2	SCA SB13 SS01 4/6	SCA SB14 SS01 0/6	SCA SB14 SS01 1/2	SCA SB14 SS01 1/2	SCA SB104 SS01 1/2
LOCATION:	SCA-SB13	SCA SB13	SCA-SB13	SCA SB14	SCA SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:	05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:	A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:	E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:	N1	FR1	N1	N1	N1	N1	FR1
SDG NO:	AS04	AS04	AS04	AS04	AS04	AS11	AS04
Pesticide/PCB Compounds							
alpha-BHC ug/kg				1.9 U	2 U		2 U
beta-BHC ug/kg				1.9 U	2 U		2 U
delta-BHC ug/kg				1.9 U	2 U		2 U
gamma-BHC(Lindane) ug/kg				1.9 U	2 U		2 U
Heptachlor ug/kg				1.9 U	2 U		2 U
Aldrin ug/kg				1.9 U	2 U		2 U
Heptachlor epoxide ug/kg				1.9 U	2 U		2 U
Endosulfan I ug/kg				1.9 U	2 U		2 U
Dieldrin ug/kg				3.9 U	3.9 U		4.1 U
4,4-DDE' ug/kg				3.9 U	3.9 U		4.1 U
Endrin ug/kg				3.9 U	3.9 U		4.1 U
Endosulfan II ug/kg				3.9 U	3.9 U		4.1 U
4,4-DDD' ug/kg				3.9 U	3.9 U		4.1 U
Endosulfan sulfate ug/kg				3.9 U	3.9 U		4.1 U
4,4-DDT' ug/kg				3.2 J10	3.9 U		4.1 U
Methoxychlor ug/kg				2.1 J1	20 U		1.7 J1
Endrin ketone ug/kg				3.9 U	3.9 U		4.1 U
Endrin aldehyde ug/kg				3.9 U	3.9 U		4.1 U
alpha-Chlordane ug/kg				1.9 U	2 U		2 U
gamma-Chlordane ug/kg				1.9 U	2 U		2 U
Toxaphene ug/kg				190 U	200 U		200 U
Aroclor-1016 ug/kg				39 U	39 U		41 U
Aroclor-1221 ug/kg				78 U	79 U		81 U
Aroclor-1232 ug/kg				39 U	39 U		41 U
Aroclor-1242 ug/kg				39 U	39 U		41 U
Aroclor-1248 ug/kg				39 U	39 U		41 U
Aroclor-1254 ug/kg				39 U	39 U		41 U
Aroclor-1260 ug/kg				39 U	39 U		41 U

TAB. 3-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB104-SS01-1/2	SCA-SB14-SS01-4/6	SCA-SB14-SS01-4/6	SCA-SB15-SS01-0/6	SCA-SB15-SS01-1/2	SCA-SB105-SS01-1/2	SCA-SB15-SS01-12/14
LOCATION:		SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB15	SCA-SB15	SCA-SB15	SCA-SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Pesticide/PCB Compounds								
alpha-BHC	ug/kg		3.8 U					2.1 U
beta-BHC	ug/kg		3.8 U					2.1 U
delta-BHC	ug/kg		3.8 U					2.1 U
gamma-BHC(Lindane)	ug/kg		3.8 U					2.1 U
Heptachlor	ug/kg		3.8 U					2.1 U
Aldrin	ug/kg		3.8 U					2.1 U
Heptachlor epoxide	ug/kg		3.8 U					2.1 U
Endosulfan I	ug/kg		3.8 U					2.1 U
Dieldrin	ug/kg		1.3 J10					4.2 U
4,4-DDE'	ug/kg		11 J12					4.2 U
Endrin	ug/kg		7.6 U					4.2 U
Endosulfan II	ug/kg		7.6 U					2.2 J10
4,4-DDD'	ug/kg		50					4.5 J10
Endosulfan sulfate	ug/kg		7.6 U					4.2 U
4,4-DDT'	ug/kg		15 J12					4.2 U
Methoxychlor	ug/kg		38 U					110 UB
Endrin ketone	ug/kg		7.6 U					4.2 U
Endrin aldehyde	ug/kg		7.6 U					4.2 U
alpha-Chlordane	ug/kg		1.4 J10					1.8 J10
gamma-Chlordane	ug/kg		2.5 J10					2.1 U
Toxaphene	ug/kg		380 U					210 U
Aroclor-1016	ug/kg		76 U					42 U
Aroclor-1221	ug/kg		150 U					83 U
Aroclor-1232	ug/kg		76 U					42 U
Aroclor-1242	ug/kg		76 U					42 U
Aroclor-1248	ug/kg		76 U					42 U
Aroclor-1254	ug/kg		76 U					42 U
Aroclor-1260	ug/kg		76 U					42 U

TAB ,-3
ANALYTICAL RESULTS - AREA A SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA SB15	SCA-SB16	SCA SB16	SCA SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		E184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Pesticide/PCB Compounds					
alpha-BHC	ug/kg				
beta-BHC	ug/kg				
delta-BHC	ug/kg				
gamma-BHC(Lindane)	ug/kg				
Heptachlor	ug/kg				
Aldrin	ug/kg				
Heptachlor epoxide	ug/kg				
Endosulfan I	ug/kg				
Dieldrin	ug/kg				
4,4-DDE'	ug/kg				
Endrin	ug/kg				
Endosulfan II	ug/kg				
4,4-DDD'	ug/kg				
Endosulfan sulfate	ug/kg				
4,4-DDT'	ug/kg				
Methoxychlor	ug/kg				
Endrin ketone	ug/kg				
Endrin aldehyde	ug/kg				
alpha-Chlordane	ug/kg				
gamma-Chlordane	ug/kg				
Toxaphene	ug/kg				
Aroclor-1016	ug/kg				
Aroclor-1221	ug/kg				
Aroclor-1232	ug/kg				
Aroclor-1242	ug/kg				
Aroclor-1248	ug/kg				
Aroclor-1254	ug/kg				
Aroclor-1260	ug/kg				

TAB. 3-3

ANALYTICAL RESULTS - AREA B SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB01-SS01-1/2	SCB-SB01-SS01-4/6	SCB-SB91-SS01-4/6	SCB-SB02-SS01-0/6	SCB-SB02-SS01-1/2	SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6
LOCATION:		SCB-SB01	SCB-SB01	SCB-SB01	SCB-SB02	SCB-SB02	SCB-SB02	SCB-SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Pesticide/PCB Compounds								
alpha-BHC	ug/kg				98 U	98 U		100 U
beta-BHC	ug/kg				98 U	98 U		100 U
delta-BHC	ug/kg				98 U	98 U		100 U
gamma-BHC(Lindane)	ug/kg				98 U	98 U		100 U
Heptachlor	ug/kg				98 U	98 U		100 U
Aldrin	ug/kg				98 U	98 U		100 U
Heptachlor epoxide	ug/kg				98 U	98 U		100 U
Endosulfan I	ug/kg				48 J10	98 U		100 U
Dieldrin	ug/kg				140 J10	36 J10		210 U
4,4-DDE'	ug/kg				200 U	200 U		210 U
Endrin	ug/kg				200 U	200 U		210 U
Endosulfan II	ug/kg				200 U	30 J10		210 U
4,4-DDD'	ug/kg				200 U	200 U		210 U
Endosulfan sulfate	ug/kg				200 U	200 U		210 U
4,4-DDT'	ug/kg				200 U	200 U		210 U
Methoxychlor	ug/kg				140 J10	160 UB		72 UB
Endrin ketone	ug/kg				200 U	200 U		210 U
Endrin aldehyde	ug/kg				200 U	200 U		210 U
alpha-Chlordane	ug/kg				77 J10	28 J10		100 U
gamma-Chlordane	ug/kg				98 U	98 U		100 U
Toxaphene	ug/kg				9800 U	9800 U		10000 U
Aroclor-1016	ug/kg				2000 U	2000 U		2100 U
Aroclor-1221	ug/kg				3900 U	3900 U		4200 U
Aroclor-1232	ug/kg				2000 U	2000 U		2100 U
Aroclor-1242	ug/kg				2000 U	2000 U		2100 U
Aroclor-1248	ug/kg				2000 U	2000 U		2100 U
Aroclor-1254	ug/kg				4400 J1	600 J10		2100 U
Aroclor-1260	ug/kg				2000 U	2000 U		2100 U

TAB. 3-3

ANALYTICAL RESULTS - AREA B SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB SB02-SS01 4/6	SCB SB03-SS01-0/6	SCB SB03-SS01-1/2	SCB SB03-SS01 6/8	SCB SB04 SS01 0/6	SCB SB04 SS01-1/2	SCB SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB SB03	SCB-SB03	SCB SB03	SCB SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0 5 feet	1 to 2 feet	6 to 8 feet	0 to 0 5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Pesticide/PCB Compounds								
alpha-BHC	ug/kg		1 9 U			1 8 U		
beta-BHC	ug/kg		1 9 U			1 8 U		
delta-BHC	ug/kg		1 9 U			1 8 U		
gamma-BHC(Lindane)	ug/kg		1 9 U			1 8 U		
Heptachlor	ug/kg		1 9 U			1 8 U		
Aldrin	ug/kg		1 9 U			1 8 U		
Heptachlor epoxide	ug/kg		1 9 U			1 8 U		
Endosulfan I	ug/kg		1 9 U			1 2 J10		
Dieldrin	ug/kg		9 J10			18 J10		
4,4-DDE'	ug/kg		28 J10			6 6 J4		
Endrin	ug/kg		3 8 U			3 7 U		
Endosulfan II	ug/kg		10 J10			9 5 J10		
4,4-DDD'	ug/kg		3 8 U			3 7 U		
Endosulfan sulfate	ug/kg		3 8 U			3 7 U		
4,4-DDT'	ug/kg		15 J10			4 2 J10		
Methoxychlor	ug/kg		75 J12			57 J10		
Endrin ketone	ug/kg		3 8 U			3 7 U		
Endrin aldehyde	ug/kg		3 8 U			3 7 U		
alpha-Chlordane	ug/kg		8 8 J10			12 J4		
gamma-Chlordane	ug/kg		1 9 U			1 8 U		
Toxaphene	ug/kg		190 U			180 U		
Aroclor-1016	ug/kg		38 U			37 U		
Aroclor-1221	ug/kg		77 U			74 U		
Aroclor-1232	ug/kg		38 U			37 U		
Aroclor-1242	ug/kg		38 U			37 U		
Aroclor-1248	ug/kg		38 U			37 U		
Aroclor-1254	ug/kg		240 J10			420 J10		
Aroclor-1260	ug/kg		38 U			37 U		

TABLE 3-3
ANALYTICAL RESULTS - AREA B SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB05-SS01-0/6	SCB-SB95-SS01-0/6	SCB-SB05-SS01-1/2	SCB-SB05-SS01-6/8	SCB-SB06-SS01-0/6	SCB-SB06-SS01-1/2	SCB-SB06-SS01-14/16
LOCATION:		SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB05	SCB-SB06	SCB-SB06	SCB-SB06
DEPTH RANGE:		0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 U	1.9 U			9.5 U		
beta-BHC	ug/kg	1.9 U	1.9 U			9.5 U		
delta-BHC	ug/kg	1.9 U	1.9 U			9.5 U		
gamma-BHC(Lindane)	ug/kg	1.9 U	1.9 U			9.5 U		
Heptachlor	ug/kg	1.9 U	1.9 U			9.5 U		
Aldrin	ug/kg	1.9 U	1.9 U			9.5 U		
Heptachlor epoxide	ug/kg	1.9 U	1.9 U			9.5 U		
Endosulfan I	ug/kg	1.9 U	1.9 U			9.5 U		
Dieldrin	ug/kg	0.71 J10	0.11 J10			19 U		
4,4-DDE'	ug/kg	0.5 J10	0.53 J10			19 U		
Endrin	ug/kg	3.8 U	3.8 U			19 U		
Endosulfan II	ug/kg	1.5 J10	0.65 J10			19 U		
4,4-DDD'	ug/kg	3.8 U	3.8 U			2.1 J10		
Endosulfan sulfate	ug/kg	3.8 U	3.8 U			19 U		
4,4-DDT'	ug/kg	1 J10	0.89 J10			19 U		
Methoxychlor	ug/kg	7.4 J10	5.4 J10			1.5 J10		
Endrin ketone	ug/kg	3.8 U	3.8 U			19 U		
Endrin aldehyde	ug/kg	3.8 U	3.8 U			19 U		
alpha-Chlordane	ug/kg	0.54 J10	0.37 J10			9.5 U		
gamma-Chlordane	ug/kg	1.9 U	1.9 U			9.5 U		
Toxaphene	ug/kg	190 U	190 U			950 U		
Aroclor-1016	ug/kg	38 U	38 U			190 U		
Aroclor-1221	ug/kg	77 U	76 U			380 U		
Aroclor-1232	ug/kg	38 U	38 U			190 U		
Aroclor-1242	ug/kg	38 U	38 U			190 U		
Aroclor-1248	ug/kg	38 U	38 U			190 U		
Aroclor-1254	ug/kg	18 J10	38 U			190 U		
Aroclor-1260	ug/kg	38 U	38 U			190 U		

TAB J-3

ANALYTICAL RESULTS - AREA B SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Pesticide/PCB Compounds							
alpha-BHC	ug/kg						
beta-BHC	ug/kg						
delta-BHC	ug/kg						
gamma-BHC(Lindane)	ug/kg						
Heptachlor	ug/kg						
Aldrin	ug/kg						
Heptachlor epoxide	ug/kg						
Endosulfan I	ug/kg						
Dieldrin	ug/kg						
4,4-DDE	ug/kg						
Endrin	ug/kg						
Endosulfan II	ug/kg						
4,4-DDD	ug/kg						
Endosulfan sulfate	ug/kg						
4,4-DDT	ug/kg						
Methoxychlor	ug/kg						
Endrin ketone	ug/kg						
Endrin aldehyde	ug/kg						
alpha-Chlordane	ug/kg						
gamma-Chlordane	ug/kg						
Toxaphene	ug/kg						
Aroclor-1016	ug/kg						
Aroclor-1221	ug/kg						
Aroclor-1232	ug/kg						
Aroclor-1242	ug/kg						
Aroclor-1248	ug/kg						
Aroclor-1254	ug/kg						
Aroclor-1260	ug/kg						

TABLE 3-3
ANALYTICAL RESULTS - AREA C SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB01-SS01-0/6	SCC-SB01-SS01-1/2	SCC-SB01-SS01-12/14	SCC-SB02-SS01-0/6	SCC-SB02-SS01-1/2	SCC-SB02-SS01-6/8	SCC-SB03-SS01-0/6
LOCATION:		SCC-SB01	SCC-SB01	SCC-SB01	SCC-SB02	SCC-SB02	SCC-SB02	SCC-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	2.4 U			18 U			18 U
beta-BHC	ug/kg	2.4 U			18 U			18 U
delta-BHC	ug/kg	2.4 U			18 U			18 U
gamma-BHC(Lindane)	ug/kg	2.4 U			18 U			18 U
Heptachlor	ug/kg	2.4 U			18 U			18 U
Aldrin	ug/kg	2.4 U			18 U			18 U
Heptachlor epoxide	ug/kg	2.4 U			18 U			18 U
Endosulfan I	ug/kg	2.4 J10			18 U			18 U
Dieldrin	ug/kg	1.2 J10			5.4 J10			5.8 J10
4,4-DDE'	ug/kg	18 J10			10 J10			9.1 J10
Endrin	ug/kg	4.7 U			36 U			36 U
Endosulfan II	ug/kg	0.94 J10			4.9 J10			6.4 J10
4,4-DDD'	ug/kg	4.7 U			36 U			36 U
Endosulfan sulfate	ug/kg	4.7 U			36 U			36 U
4,4-DDT'	ug/kg	19 J10			36 U			8.2 J10
Methoxychlor	ug/kg	22 J10			61 J10			65 J10
Endrin ketone	ug/kg	4.7 U			36 U			36 U
Endrin aldehyde	ug/kg	4.7 U			36 U			36 U
alpha-Chlordane	ug/kg	1.9 J10			6.4 J1			6.9 J10
gamma-Chlordane	ug/kg	2.4 U			18 U			18 U
Toxaphene	ug/kg	240 U			1800 U			1800 U
Aroclor-1016	ug/kg	47 U			360 U			360 U
Aroclor-1221	ug/kg	95 U			730 U			720 U
Aroclor-1232	ug/kg	47 U			360 U			360 U
Aroclor-1242	ug/kg	47 U			360 U			360 U
Aroclor-1248	ug/kg	47 U			360 U			360 U
Aroclor-1254	ug/kg	54 J10			280 J1			360 U
Aroclor-1260	ug/kg	47 U			360 U			360 U

TAB. ,-3
ANALYTICAL RESULTS - AREA C SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:	SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB04-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:	1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:	04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:	A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:	E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:	N1	N1	N1	N1	N1	FR1	N1
SDG NO:	AS01	AS11	AS01	AS11	AS06	AS07	AS06
Pesticide/PCB Compounds							
alpha-BHC ug/kg	1.9 U		2.1 U				
beta-BHC ug/kg	1.9 U		2.1 U				
delta-BHC ug/kg	1.9 U		2.1 U				
gamma-BHC(Lindane) ug/kg	1.9 U		2.1 U				
Heptachlor ug/kg	1.9 U		2.1 U				
Aldrin ug/kg	1.9 U		2.1 U				
Heptachlor epoxide ug/kg	1.9 U		2.1 U				
Endosulfan I ug/kg	1.2 J10		2.1 U				
Dieldrin ug/kg	3 J10		4.2 U				
4,4-DDE ug/kg	1.4 J1		4.2 U				
Endrin ug/kg	3.8 U		0.52 J10				
Endosulfan II ug/kg	3.8 U		0.57 J10				
4,4-DDD ug/kg	3.8 U		4.2 U				
Endosulfan sulfate ug/kg	3.8 U		4.2 U				
4,4-DDT ug/kg	0.87 J10		3.2 J10				
Methoxychlor ug/kg	7.6 J10		21 J10				
Endrin ketone ug/kg	3.8 U		4.2 U				
Endrin aldehyde ug/kg	3.8 U		4.2 U				
alpha-Chlordane ug/kg	2.2		2.1 U				
gamma-Chlordane ug/kg	1.9 U		2.1 U				
Toxaphene ug/kg	190 U		210 U				
Aroclor-1016 ug/kg	38 U		42 U				
Aroclor-1221 ug/kg	76 U		85 U				
Aroclor-1232 ug/kg	38 U		42 U				
Aroclor-1242 ug/kg	38 U		42 U				
Aroclor-1248 ug/kg	38 U		42 U				
Aroclor-1254 ug/kg	73		42 U				
Aroclor-1260 ug/kg	38 U		42 U				

TABLE 3-3
ANALYTICAL RESULTS - AREA C SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCC-SB04-SS01-14/16
	LOCATION:	SCC-SB04
	DEPTH RANGE:	14 to 16 feet
	SAMPLE DATE:	05/12/97
	MATRIX:	Soil
	SAMPLE TYPE:	Field Sample
	LAB SAMPLE ID:	A7E140163020
	EPA SAMPLE ID:	E146320
	SAMPLE TYPE:	N1
	SDG NO:	AS06
Pesticide/PCB Compounds		
alpha-BHC	ug/kg	
beta-BHC	ug/kg	
delta-BHC	ug/kg	
gamma-BHC(Lindane)	ug/kg	
Heptachlor	ug/kg	
Aldrin	ug/kg	
Heptachlor epoxide	ug/kg	
Endosulfan I	ug/kg	
Dieldrin	ug/kg	
4,4-DDE'	ug/kg	
Endrin	ug/kg	
Endosulfan II	ug/kg	
4,4-DDD'	ug/kg	
Endosulfan sulfate	ug/kg	
4,4-DDT'	ug/kg	
Methoxychlor	ug/kg	
Endrin ketone	ug/kg	
Endrin aldehyde	ug/kg	
alpha-Chlordane	ug/kg	
gamma-Chlordane	ug/kg	
Toxaphene	ug/kg	
Aroclor-1016	ug/kg	
Aroclor-1221	ug/kg	
Aroclor-1232	ug/kg	
Aroclor-1242	ug/kg	
Aroclor-1248	ug/kg	
Aroclor-1254	ug/kg	
Aroclor-1260	ug/kg	

TAB. 3-3

ANALYTICAL RESULTS - AREA D SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 U	1.9 U		2 UJ2		0.32 J10	
beta-BHC	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
delta-BHC	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
gamma-BHC(Lindane)	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
Heptachlor	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
Aldrin	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
Heptachlor epoxide	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
Endosulfan I	ug/kg	1.9 U	1.9 U		2 UJ2		1.9 UJ4	
Dieldrin	ug/kg	0.76 J10	0.35 J10		4 UJ2		3.8 UJ4	
4,4-DDE'	ug/kg	1.3 J10	11		4 UJ2		7.5 J4	
Endrin	ug/kg	3.8 U	3.9 U		4 UJ2		3.8 UJ4	
Endosulfan II	ug/kg	3.8 U	3.9 U		4 UJ2		3.8 UJ4	
4,4-DDD'	ug/kg	3.2 J10	9.6 J12		4 UJ2		0.4 J10	
Endosulfan sulfate	ug/kg	3.8 U	3.9 U		4 UJ2		3.8 U	
4,4-DDT'	ug/kg	2.8 J10	7.4 J12		4 UJ2		4.9 J4	
Methoxychlor	ug/kg	6.6 J10	4.5 J10		20 UJ2		100 UB	
Endrin ketone	ug/kg	3.8 U	3.9 U		4 UJ2		3.8 UJ4	
Endrin aldehyde	ug/kg	3.8 U	3.9 U		4 UJ2		3.8 UJ4	
alpha-Chlordane	ug/kg	0.69 J10	0.7 J10		2 UJ2		1.9 UJ4	
gamma-Chlordane	ug/kg	0.2 J10	0.37 J10		2 UJ2		1.9 UJ4	
Toxaphene	ug/kg	190 U	190 U		200 UJ2		190 UJ4	
Aroclor-1016	ug/kg	38 U	39 U		40 UJ2		38 UJ4	
Aroclor-1221	ug/kg	76 U	78 U		79 UJ2		76 UJ4	
Aroclor-1232	ug/kg	38 U	39 U		40 UJ2		38 UJ4	
Aroclor-1242	ug/kg	38 U	39 U		40 UJ2		38 UJ4	
Aroclor-1248	ug/kg	38 U	39 U		40 UJ2		38 UJ4	
Aroclor-1254	ug/kg	38 U	39 U		40 UJ2		38 UJ4	
Aroclor-1260	ug/kg	38 U	39 U		40 UJ2		38 UJ4	

TAL 3-3

ANALYTICAL RESULTS - AREA D SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID		SCD SB02 SS01 8/10	SCD SB03 SS01 0/6	SCD SB03 SS01 1/2	SCD SB03 SS01 4/6
LOCATION		SCD SB02	SCD SB03	SCD SB03	SCD SB03
DEPTH RANGE		8 to 10 feet	0 to 0 5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX		Soil	Soil	Soil	Soil
SAMPLE TYPE		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID		E123804	E146315	E146316	E146317
SAMPLE TYPE		N1	N1	N1	N1
SDG NO		AS05	AS06	AS06	AS06
Pesticide/PCB Compounds					
alpha-BHC	ug/kg		1 8 U		
beta-BHC	ug/kg		1 8 U		
delta-BHC	ug/kg		1 8 U		
gamma-BHC(Lindane)	ug/kg		1 8 U		
Heptachlor	ug/kg		1 8 U		
Aldrin	ug/kg		1 8 U		
Heptachlor epoxide	ug/kg		1 8 U		
Endosulfan I	ug/kg		1 8 U		
Dieldrin	ug/kg		1 1 J10		
4,4-DDE'	ug/kg		1 5 J10		
Endrin	ug/kg		3 6 U		
Endosulfan II	ug/kg		3 6 U		
4,4-DDD'	ug/kg		3 6 U		
Endosulfan sulfate	ug/kg		3 6 U		
4,4-DDT'	ug/kg		2 9 J10		
Methoxychlor	ug/kg		9 8 J10		
Endrin ketone	ug/kg		3 6 U		
Endrin aldehyde	ug/kg		3 6 U		
alpha-Chlordane	ug/kg		1 J10		
gamma-Chlordane	ug/kg		0 33 J10		
Toxaphene	ug/kg		180 U		
Aroclor-1016	ug/kg		36 U		
Aroclor-1221	ug/kg		72 U		
Aroclor-1232	ug/kg		36 U		
Aroclor-1242	ug/kg		36 U		
Aroclor-1248	ug/kg		36 U		
Aroclor-1254	ug/kg		36 U		
Aroclor-1260	ug/kg		36 U		

TABLE B-3
ANALYTICAL RESULTS - AREA E SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 U			38 U			1.9 UJ4
beta-BHC	ug/kg	1.9 U			38 U			1.9 UJ4
delta-BHC	ug/kg	1.9 U			38 U			1.9 UJ4
gamma-BHC(Lindane)	ug/kg	1.9 U			38 U			1.9 UJ4
Heptachlor	ug/kg	1.9 U			38 U			1.9 UJ4
Aldrin	ug/kg	1.9 U			38 U			1.9 UJ4
Heptachlor epoxide	ug/kg	1.9 U			38 U			1.9 UJ4
Endosulfan I	ug/kg	0.83 J10			38 U			1.1 J10
Dieldrin	ug/kg	0.77 J10			76 U			1.1 J10
4,4-DDE'	ug/kg	16			76 U			1.2 J10
Endrin	ug/kg	3.8 U			76 U			3.7 UJ4
Endosulfan II	ug/kg	3.8 U			76 U			3.7 UJ4
4,4-DDD'	ug/kg	10 J12			76 U			14 J10
Endosulfan sulfate	ug/kg	3.8 U			76 U			3.7 UJ4
4,4-DDT'	ug/kg	14			76 U			0.48 J10
Methoxychlor	ug/kg	19 U			380 U			3.4 J10
Endrin ketone	ug/kg	3.8 U			76 U			3.7 UJ4
Endrin aldehyde	ug/kg	3.8 U			76 U			3.7 UJ4
alpha-Chlordane	ug/kg	1.2 J1			38 U			1.6 J10
gamma-Chlordane	ug/kg	0.85 J1			38 U			2.1 J4
Toxaphene	ug/kg	190 U			3800 U			190 UJ4
Aroclor-1016	ug/kg	38 U			760 U			37 UJ4
Aroclor-1221	ug/kg	76 U			1500 U			75 UJ4
Aroclor-1232	ug/kg	38 U			760 U			37 UJ4
Aroclor-1242	ug/kg	38 U			760 U			37 UJ4
Aroclor-1248	ug/kg	38 U			760 U			37 UJ4
Aroclor-1254	ug/kg	38 U			760 U			37 UJ4
Aroclor-1260	ug/kg	38 U			760 U			37 UJ4

TAB 5-3

ANALYTICAL RESULTS - AREA E SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:	SCE SB03 SS01 1/2	SCE SB03 SS01 1/2	SCE SB03 SS01 8/10	SCE SB04 SS01 0/6	SCE SB04 SS01 1/2	SCE SB04 SS01 8/10	SCE SB05 SS01 0/6
LOCATION:	SCE SB03	SCE SB03	SCE SB03	SCE SB04	SCE SB04	SCE SB04	SCE SB05
DEPTH RANGE:	1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:	A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:	E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:	N1	FR1	N1	N1	N1	N1	N1
SDG NO:	AS06	AS06	AS06	AS06	AS06	AS06	AS08
Pesticide/PCB Compounds							
alpha-BHC ug/kg				9.3 U			
beta-BHC ug/kg				9.3 U			
delta-BHC ug/kg				9.3 U			
gamma-BHC(Lindane) ug/kg				9.3 U			
Heptachlor ug/kg				9.3 U			
Aldrin ug/kg				9.3 U			
Heptachlor epoxide ug/kg				9.3 U			
Endosulfan I ug/kg				9.3 U			
Dieldrin ug/kg				2.7 J10			
4,4-DDE' ug/kg				2.2 J10			
Endrin ug/kg				18 U			
Endosulfan II ug/kg				4 J10			
4,4-DDD' ug/kg				18 U			
Endosulfan sulfate ug/kg				18 U			
4,4-DDT' ug/kg				18 U			
Methoxychlor ug/kg				16 J10			
Endrin ketone ug/kg				18 U			
Endrin aldehyde ug/kg				18 U			
alpha-Chlordane ug/kg				3.1 J1			
gamma-Chlordane ug/kg				9.3 U			
Toxaphene ug/kg				930 U			
Aroclor-1016 ug/kg				180 U			
Aroclor-1221 ug/kg				370 U			
Aroclor-1232 ug/kg				180 U			
Aroclor-1242 ug/kg				180 U			
Aroclor-1248 ug/kg				180 U			
Aroclor-1254 ug/kg				82 J1			
Aroclor-1260 ug/kg				180 U			

TAB. 3-3

ANALYTICAL RESULTS - AREA E SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
	LOCATION:	SCE-SB05	SCE-SB05
	DEPTH RANGE:	1 to 2 feet	6 to 8 feet
	SAMPLE DATE:	05/14/97	05/14/97
	MATRIX:	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample
	LAB SAMPLE ID:	A7E190102006	A7E190102007
	EPA SAMPLE ID:	E190206	E190207
	SAMPLE TYPE:	N1	N1
	SDG NO:	AS08	AS08
Pesticide/PCB Compounds			
alpha-BHC	ug/kg		
beta-BHC	ug/kg		
delta-BHC	ug/kg		
gamma-BHC(Lindane)	ug/kg		
Heptachlor	ug/kg		
Aldrin	ug/kg		
Heptachlor epoxide	ug/kg		
Endosulfan I	ug/kg		
Dieldrin	ug/kg		
4,4-DDE'	ug/kg		
Endrin	ug/kg		
Endosulfan II	ug/kg		
4,4-DDD'	ug/kg		
Endosulfan sulfate	ug/kg		
4,4-DDT'	ug/kg		
Methoxychlor	ug/kg		
Endrin ketone	ug/kg		
Endrin aldehyde	ug/kg		
alpha-Chlordane	ug/kg		
gamma-Chlordane	ug/kg		
Toxaphene	ug/kg		
Aroclor-1016	ug/kg		
Aroclor-1221	ug/kg		
Aroclor-1232	ug/kg		
Aroclor-1242	ug/kg		
Aroclor-1248	ug/kg		
Aroclor-1254	ug/kg		
Aroclor-1260	ug/kg		

TAB. 3-3
ANALYTICAL RESULTS - AREA F SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/16	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 16 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 U			2 U	2.4 U		
beta-BHC	ug/kg	1.9 U			2 U	2.4 U		
delta-BHC	ug/kg	1.9 U			2 U	2.4 U		
gamma-BHC(Lindane)	ug/kg	1.9 U			2 U	2.4 U		
Heptachlor	ug/kg	1.9 U			2 U	2.4 U		
Aldrin	ug/kg	1.9 U			2 U	2.4 U		
Heptachlor epoxide	ug/kg	1.9 U			2 U	2.4 U		
Endosulfan I	ug/kg	1.9 U			2 U	2.4 U		
Dieldrin	ug/kg	0.28 J10			0.91 J10	1.2 J10		
4,4-DDE	ug/kg	3.7 U			4 U	4.9 U		
Endrin	ug/kg	3.7 U			0.66 J10	0.86 J10		
Endosulfan II	ug/kg	3.7 U			4 U	4.9 U		
4,4-DDD	ug/kg	3.7 U			4 U	4.9 U		
Endosulfan sulfate	ug/kg	3.7 U			4 U	4.9 U		
4,4-DDT	ug/kg	3.7 U			4 U	4.9 U		
Methoxychlor	ug/kg	64 UB			16 UB	26 UB		
Endrin ketone	ug/kg	3.7 U			4 U	4.9 U		
Endrin aldehyde	ug/kg	3.7 U			4 U	4.9 U		
alpha-Chlordane	ug/kg	1.9 U			0.27 J10	0.41 J1		
gamma-Chlordane	ug/kg	1.9 U			0.22 J10	0.16 J10		
Toxaphene	ug/kg	190 U			200 U	240 U		
Aroclor-1016	ug/kg	37 U			40 U	49 U		
Aroclor-1221	ug/kg	75 U			80 U	98 U		
Aroclor-1232	ug/kg	37 U			40 U	49 U		
Aroclor-1242	ug/kg	37 U			40 U	49 U		
Aroclor-1248	ug/kg	37 U			40 U	49 U		
Aroclor-1254	ug/kg	37 U			40 U	49 U		
Aroclor-1260	ug/kg	37 U			40 U	49 U		

TAB. 3-3
ANALYTICAL RESULTS - AREA F SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
beta-BHC	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
delta-BHC	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
gamma-BHC(Lindane)	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
Heptachlor	ug/kg	1.9 UJ2			0.19 UB	2 U		20 U
Aldrin	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
Heptachlor epoxide	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
Endosulfan I	ug/kg	1.9 UJ2			1.8 U	2 U		20 U
Dieldrin	ug/kg	0.39 J10			0.32 J10	3.9 U		39 U
4,4-DDE'	ug/kg	3.9 UJ2			1.6 J10	3.9 U		39 U
Endrin	ug/kg	3.9 UJ2			3.6 U	3.9 U		39 U
Endosulfan II	ug/kg	3.9 UJ2			3.6 U	3.9 U		2.7 J10
4,4-DDD'	ug/kg	3.9 UJ2			1.4 J10	3.9 U		39 U
Endosulfan sulfate	ug/kg	3.9 UJ2			3.6 U	3.9 U		39 U
4,4-DDT'	ug/kg	3.9 UJ2			1.3 J10	3.9 U		42 J12
Methoxychlor	ug/kg	19 UJ2			4.6 J10	20 U		53 J10
Endrin ketone	ug/kg	3.9 UJ2			3.6 U	3.9 U		39 U
Endrin aldehyde	ug/kg	3.9 UJ2			3.6 U	3.9 U		39 U
alpha-Chlordane	ug/kg	0.27 J10			0.77 J1	2 U		2.6 J10
gamma-Chlordane	ug/kg	0.55 J10			0.88 J10	2 U		20 U
Toxaphene	ug/kg	190 UJ2			180 U	200 U		2000 U
Aroclor-1016	ug/kg	39 UJ2			36 U	39 U		390 U
Aroclor-1221	ug/kg	78 UJ2			72 U	79 U		780 U
Aroclor-1232	ug/kg	39 UJ2			36 U	39 U		390 U
Aroclor-1242	ug/kg	39 UJ2			36 U	39 U		390 U
Aroclor-1248	ug/kg	39 UJ2			36 U	39 U		390 U
Aroclor-1254	ug/kg	39 UJ2			36 U	39 U		390 U
Aroclor-1260	ug/kg	39 UJ2			36 U	39 U		390 U

TAB. 2-3
ANALYTICAL RESULTS - AREA F SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Pesticide/PCB Compounds								
alpha-BHC	ug/kg		2 UJ4			38 U		
beta-BHC	ug/kg		2 UJ4			38 U		
delta-BHC	ug/kg		2 UJ4			38 U		
gamma-BHC(Lindane)	ug/kg		2 UJ4			38 U		
Heptachlor	ug/kg		0.23 J10			38 U		
Aldrin	ug/kg		2 UJ4			38 U		
Heptachlor epoxide	ug/kg		2 UJ4			38 U		
Endosulfan I	ug/kg		2 UJ4			38 U		
Dieldrin	ug/kg		4 UJ4			15 J10		
4,4-DDE	ug/kg		0.66 J10			76 U		
Endrin	ug/kg		4 UJ4			76 U		
Endosulfan II	ug/kg		4 UJ4			8.6 J10		
4,4-DDD	ug/kg		1.2 J10			76 U		
Endosulfan sulfate	ug/kg		4 UJ4			76 U		
4,4-DDT	ug/kg		4 UJ4			32 J1		
Methoxychlor	ug/kg		19 UB			98 UB		
Endrin ketone	ug/kg		4 UJ4			76 U		
Endrin aldehyde	ug/kg		4 UJ4			76 U		
alpha-Chlordane	ug/kg		0.77 J10			9.6 J10		
gamma-Chlordane	ug/kg		1.3 J10			38 U		
Toxaphene	ug/kg		200 UJ4			3800 U		
Aroclor-1016	ug/kg		40 UJ4			760 U		
Aroclor-1221	ug/kg		80 UJ4			1500 U		
Aroclor-1232	ug/kg		40 UJ4			760 U		
Aroclor-1242	ug/kg		40 UJ4			760 U		
Aroclor-1248	ug/kg		40 UJ4			760 U		
Aroclor-1254	ug/kg		40 UJ4			760 U		
Aroclor-1260	ug/kg		40 UJ4			760 U		

TABLE 3-3
ANALYTICAL RESULTS - AREA F SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Pesticide/PCB Compounds								
alpha-BHC	ug/kg							
beta-BHC	ug/kg							
delta-BHC	ug/kg							
gamma-BHC(Lindane)	ug/kg							
Heptachlor	ug/kg							
Aldrin	ug/kg							
Heptachlor epoxide	ug/kg							
Endosulfan I	ug/kg							
Dieldrin	ug/kg							
4,4-DDE'	ug/kg							
Endrin	ug/kg							
Endosulfan II	ug/kg							
4,4-DDD'	ug/kg							
Endosulfan sulfate	ug/kg							
4,4-DDT'	ug/kg							
Methoxychlor	ug/kg							
Endrin ketone	ug/kg							
Endrin aldehyde	ug/kg							
alpha-Chlordane	ug/kg							
gamma-Chlordane	ug/kg							
Toxaphene	ug/kg							
Aroclor-1016	ug/kg							
Aroclor-1221	ug/kg							
Aroclor-1232	ug/kg							
Aroclor-1242	ug/kg							
Aroclor-1248	ug/kg							
Aroclor-1254	ug/kg							
Aroclor-1260	ug/kg							

TAB J-3

ANALYTICAL RESULTS - AREA G SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB01-SS01-0/6	SCG-SB01-SS01-1/2	SCG-SB01-SS01-16/18	SCG-SB91-SS01-16/18	SCG-SB02-SS01-0/6	SCG-SB02-SS01-1/2	SCG-SB02-SS01-8/10
LOCATION:		SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB01	SCG-SB02	SCG-SB02	SCG-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	1.9 U				38 U		
beta-BHC	ug/kg	1.9 U				38 U		
delta-BHC	ug/kg	1.9 U				38 U		
gamma-BHC(Lindane)	ug/kg	1.9 U				38 U		
Heptachlor	ug/kg	1.9 U				38 U		
Aldrin	ug/kg	1.9 U				38 U		
Heptachlor epoxide	ug/kg	1.9 U				38 U		
Endosulfan I	ug/kg	1.9 U				38 U		
Dieldrin	ug/kg	0.46 J10				22 J10		
4,4-DDE'	ug/kg	0.47 J1				77 U		
Endrin	ug/kg	3.8 U				77 U		
Endosulfan II	ug/kg	3.8 U				4.3 J10		
4,4-DDD'	ug/kg	3.8 U				77 U		
Endosulfan sulfate	ug/kg	3.8 U				77 U		
4,4-DDT'	ug/kg	3.8 U				77 U		
Methoxychlor	ug/kg	22 UB				800 UB		
Endrin ketone	ug/kg	3.8 U				77 U		
Endrin aldehyde	ug/kg	3.8 U				77 U		
alpha-Chlordane	ug/kg	0.53 J10				38 U		
gamma-Chlordane	ug/kg	1.8 J10				38 U		
Toxaphene	ug/kg	190 U				3800 U		
Aroclor-1016	ug/kg	38 U				770 U		
Aroclor-1221	ug/kg	76 U				1500 U		
Aroclor-1232	ug/kg	38 U				770 U		
Aroclor-1242	ug/kg	38 U				770 U		
Aroclor-1248	ug/kg	38 U				770 U		
Aroclor-1254	ug/kg	13 J10				770 U		
Aroclor-1260	ug/kg	38 U				770 U		

TABLE 8-3
ANALYTICAL RESULTS - AREA G SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	36 U	18 U	40 U	19 U	35 U		
beta-BHC	ug/kg	36 U	18 U	40 U	19 U	35 U		
delta-BHC	ug/kg	36 U	18 U	40 U	19 U	35 U		
gamma-BHC(Lindane)	ug/kg	36 U	18 U	40 U	19 U	35 U		
Heptachlor	ug/kg	36 U	18 U	40 U	19 U	35 U		
Aldrin	ug/kg	36 U	18 U	40 U	19 U	35 U		
Heptachlor epoxide	ug/kg	36 U	18 U	40 U	19 U	35 U		
Endosulfan I	ug/kg	36 U	18 U	40 U	19 U	35 U		
Dieldrin	ug/kg	72 U	2 J10	81 U	39 U	3.3 J10		
4,4-DDE'	ug/kg	72 U	4.2 J10	81 U	39 U	9.5 J10		
Endrin	ug/kg	72 U	35 U	81 U	39 U	70 U		
Endosulfan II	ug/kg	72 U	35 U	81 U	39 U	1.6 J10		
4,4-DDD'	ug/kg	44 J1	47	81 U	39 U	70 U		
Endosulfan sulfate	ug/kg	72 U	35 U	81 U	39 U	70 U		
4,4-DDT'	ug/kg	72 U	24 J10	81 U	39 U	79		
Methoxychlor	ug/kg	52 J10	47 J10	100 J10	190 U	350 U		
Endrin ketone	ug/kg	72 U	35 U	81 U	39 U	70 U		
Endrin aldehyde	ug/kg	72 U	35 U	81 U	39 U	70 U		
alpha-Chlordane	ug/kg	36 U	18 U	40 U	19 U	3.3 J10		
gamma-Chlordane	ug/kg	36 U	18 U	40 U	19 U	35 U		
Toxaphene	ug/kg	3600 U	1800 U	4000 U	1900 U	3500 U		
Aroclor-1016	ug/kg	720 U	350 U	810 U	390 U	700 U		
Aroclor-1221	ug/kg	1400 U	700 U	1600 U	780 U	1400 U		
Aroclor-1232	ug/kg	720 U	350 U	810 U	390 U	700 U		
Aroclor-1242	ug/kg	720 U	350 U	810 U	390 U	700 U		
Aroclor-1248	ug/kg	720 U	350 U	810 U	390 U	700 U		
Aroclor-1254	ug/kg	720 U	350 U	810 U	390 U	700 U		
Aroclor-1260	ug/kg	720 U	350 U	810 U	390 U	700 U		

TAL 3-3
ANALYTICAL RESULTS - AREA G SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB04-SS01-8/10	SCG-SB05-SS01-1/2	SCG-SB05-SS01-6/8	SCG-SB05-SS01-10/12	SCG-SB06-SS01-0/6	SCG-SB06-SS01-1/2	SCG-SB06-SS01-4/6
LOCATION:		SCG-SB04	SCG-SB05	SCG-SB05	SCG-SB05	SCG-SB06	SCG-SB06	SCG-SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Pesticide/PCB Compounds								
alpha-BHC	ug/kg		35 U					
beta-BHC	ug/kg		35 U					
delta-BHC	ug/kg		35 U					
gamma-BHC(Lindane)	ug/kg		35 U					
Heptachlor	ug/kg		35 U					
Aldrin	ug/kg		35 U					
Heptachlor epoxide	ug/kg		35 U					
Endosulfan I	ug/kg		35 U					
Dieldrin	ug/kg		70 U					
4,4-DDE	ug/kg		70 U					
Endrin	ug/kg		70 U					
Endosulfan II	ug/kg		70 U					
4,4-DDD	ug/kg		70 U					
Endosulfan sulfate	ug/kg		70 U					
4,4-DDT	ug/kg		70 U					
Methoxychlor	ug/kg		91 UB					
Endrin ketone	ug/kg		70 U					
Endrin aldehyde	ug/kg		70 U					
alpha-Chlordane	ug/kg		35 U					
gamma-Chlordane	ug/kg		35 U					
Toxaphene	ug/kg		3500 U					
Aroclor-1016	ug/kg		700 U					
Aroclor-1221	ug/kg		1400 U					
Aroclor-1232	ug/kg		700 U					
Aroclor-1242	ug/kg		700 U					
Aroclor-1248	ug/kg		700 U					
Aroclor-1254	ug/kg		700 U					
Aroclor-1260	ug/kg		700 U					

TAB. 3-3
ANALYTICAL RESULTS - AREA G SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Pesticide/PCB Compounds								
alpha-BHC	ug/kg	34 U		91 U	4 U	190 U		
beta-BHC	ug/kg	34 U		91 U	4 U	190 U		
delta-BHC	ug/kg	34 U		91 U	4 U	190 U		
gamma-BHC(Lindane)	ug/kg	34 U		91 U	4 U	190 U		
Heptachlor	ug/kg	34 U		91 U	4 U	190 U		
Aldrin	ug/kg	34 U		91 U	4 U	190 U		
Heptachlor epoxide	ug/kg	34 U		91 U	4 U	190 U		
Endosulfan I	ug/kg	34 U		91 U	4 U	190 U		
Dieldrin	ug/kg	69 U		180 U	8.1 U	380 U		
4,4-DDE'	ug/kg	69 U		180 U	8.1 U	380 U		
Endrin	ug/kg	69 U		180 U	8.1 U	380 U		
Endosulfan II	ug/kg	69 U		180 U	8.1 U	380 U		
4,4-DDD'	ug/kg	69 U		180 U	8.1 U	380 U		
Endosulfan sulfate	ug/kg	69 U		180 U	8.1 U	380 U		
4,4-DDT'	ug/kg	120		180 U	8.1 U	57 J10		
Methoxychlor	ug/kg	150 J10		910 U	40 U	1900 U		
Endrin ketone	ug/kg	69 U		180 U	8.1 U	380 U		
Endrin aldehyde	ug/kg	69 U		180 U	8.1 U	380 U		
alpha-Chlordane	ug/kg	5.9 J10		91 U	4 U	190 U		
gamma-Chlordane	ug/kg	34 U		91 U	4 U	190 U		
Toxaphene	ug/kg	3400 U		9100 U	400 U	19000 U		
Aroclor-1016	ug/kg	690 U		1800 U	81 U	3800 U		
Aroclor-1221	ug/kg	1400 U		3600 U	160 U	7500 U		
Aroclor-1232	ug/kg	690 U		1800 U	81 U	3800 U		
Aroclor-1242	ug/kg	690 U		1800 U	81 U	3800 U		
Aroclor-1248	ug/kg	690 U		1800 U	81 U	3800 U		
Aroclor-1254	ug/kg	690 U		1800 U	81 U	3800 U		
Aroclor-1260	ug/kg	690 U		1800 U	81 U	3800 U		

TAL 3-3

ANALYTICAL RESULTS - AREA G SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCG-SB09-SS01-1/2	SCG-SB09-SS01-6/8	SCG-SB09-SS01-8/10
		LOCATION:	SCG-SB09	SCG-SB09	SCG-SB09
		DEPTH RANGE:	1 to 2 feet	6 to 8 feet	8 to 10 feet
		SAMPLE DATE:	06/16/97	06/16/97	06/16/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F170129004	A7F170129005	A7F170129006
		EPA SAMPLE ID:	F172904	F172905	F172906
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS11	AS11	AS11
Pesticide/PCB Compounds					
alpha-BHC	ug/kg		180 U		
beta-BHC	ug/kg		180 U		
delta-BHC	ug/kg		180 U		
gamma BHC(Lindane)	ug/kg		180 U		
Heptachlor	ug/kg		180 U		
Aldrin	ug/kg		180 U		
Heptachlor epoxide	ug/kg		180 U		
Endosulfan I	ug/kg		180 U		
Dieldrin	ug/kg		370 U		
4,4-DDE'	ug/kg		370 U		
Endrin	ug/kg		370 U		
Endosulfan II	ug/kg		370 U		
4,4-DDD'	ug/kg		370 U		
Endosulfan sulfate	ug/kg		370 U		
4,4-DDT'	ug/kg		370 U		
Methoxychlor	ug/kg		39 J10		
Endrin ketone	ug/kg		370 U		
Endrin aldehyde	ug/kg		370 U		
alpha-Chlordane	ug/kg		180 U		
gamma-Chlordane	ug/kg		180 U		
Toxaphene	ug/kg		18000 U		
Aroclor-1016	ug/kg		3700 U		
Aroclor-1221	ug/kg		7400 U		
Aroclor-1232	ug/kg		3700 U		
Aroclor-1242	ug/kg		3700 U		
Aroclor-1248	ug/kg		3700 U		
Aroclor-1254	ug/kg		3700 U		
Aroclor-1260	ug/kg		3700 U		

TABLE B-3

ANALYTICAL RESULTS - BACKGROUND SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
	LOCATION:	Background	Background	Background
	DEPTH RANGE:	0 to 2 feet	6 to 8 feet	12 to 14 feet
	SAMPLE DATE:	06/04/97	06/04/97	06/04/97
	MATRIX:	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7F050163004	A7F050163005	A7F050163006
	EPA SAMPLE ID:	F056304	F056305	F056306
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS10	AS10	AS10
Pesticide/PCB Compounds				
alpha-BHC	ug/kg	4.2 U	2 U	2.1 U
beta-BHC	ug/kg	4.2 U	2 U	2.1 U
delta-BHC	ug/kg	4.2 U	2 U	2.1 U
gamma-BHC(Lindane)	ug/kg	4.2 U	2 U	2.1 U
Heptachlor	ug/kg	4.2 U	2 U	2.1 U
Aldrin	ug/kg	4.2 U	2 U	2.1 U
Heptachlor epoxide	ug/kg	4.2 U	2 U	2.1 U
Endosulfan I	ug/kg	4.2 U	2 U	2.1 U
Dieldrin	ug/kg	8.3 U	4 U	4.1 U
4,4-DDE'	ug/kg	720 D	6.6	0.35 J1
Endrin	ug/kg	8.3 U	4 U	4.1 U
Endosulfan II	ug/kg	8.3 U	4 U	4.1 U
4,4-DDD'	ug/kg	1.5 J10	4 U	4.1 U
Endosulfan sulfate	ug/kg	8.3 U	4 U	4.1 U
4,4-DDT'	ug/kg	410 D	4.7	4.1 U
Methoxychlor	ug/kg	19 J1	20 U	21 U
Endrin ketone	ug/kg	8.3 U	4 U	4.1 U
Endrin aldehyde	ug/kg	8.3 U	4 U	4.1 U
alpha-Chlordane	ug/kg	1.4 J10	2 U	2.1 U
gamma-Chlordane	ug/kg	4.2 U	2 U	2.1 U
Toxaphene	ug/kg	420 U	200 U	210 U
Aroclor-1016	ug/kg	83 U	40 U	41 U
Aroclor-1221	ug/kg	170 U	81 U	83 U
Aroclor-1232	ug/kg	83 U	40 U	41 U
Aroclor-1242	ug/kg	83 U	40 U	41 U
Aroclor-1248	ug/kg	83 U	40 U	41 U
Aroclor-1254	ug/kg	83 U	40 U	41 U
Aroclor-1260	ug/kg	83 U	40 U	41 U

TAL 3-3

ANALYTICAL RESULTS - BACKGROUND SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	BG1 SB01-SS01 0/2	BG1 SB01 SS01 6/8	BG1 SB01 SS01 12/14
		LOCATION:	Background	Background	Background
		DEPTH RANGE:	0 to 2 feet	6 to 8 feet	12 to 14 feet
		SAMPLE DATE:	06/04/97	06/04/97	06/04/97
		MATRIX:	Soil	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F050163004	A7F050163005	A7F050163006
		EPA SAMPLE ID:	F056304	F056305	F056306
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS10	AS10	AS10
Pesticide/PCB Compounds					
alpha-BHC	ug/kg		4.2 U	2 U	2.1 U
beta-BHC	ug/kg		4.2 U	2 U	2.1 U
delta-BHC	ug/kg		4.2 U	2 U	2.1 U
gamma-BHC(Lindane)	ug/kg		4.2 U	2 U	2.1 U
Heptachlor	ug/kg		4.2 U	2 U	2.1 U
Aldrin	ug/kg		4.2 U	2 U	2.1 U
Heptachlor epoxide	ug/kg		4.2 U	2 U	2.1 U
Endosulfan I	ug/kg		4.2 U	2 U	2.1 U
Dieldrin	ug/kg		8.3 U	4 U	4.1 U
4,4-DDE'	ug/kg		720 D	6.6	0.35 J1
Endrin	ug/kg		8.3 U	4 U	4.1 U
Endosulfan II	ug/kg		8.3 U	4 U	4.1 U
4,4-DDD'	ug/kg		1.5 J10	4 U	4.1 U
Endosulfan sulfate	ug/kg		8.3 U	4 U	4.1 U
4,4-DDT'	ug/kg		410 D	4.7	4.1 U
Methoxychlor	ug/kg		19 J1	20 U	21 U
Endrin ketone	ug/kg		8.3 U	4 U	4.1 U
Endrin aldehyde	ug/kg		8.3 U	4 U	4.1 U
alpha-Chlordane	ug/kg		1.4 J10	2 U	2.1 U
gamma-Chlordane	ug/kg		4.2 U	2 U	2.1 U
Toxaphene	ug/kg		420 U	200 U	210 U
Aroclor-1016	ug/kg		83 U	40 U	41 U
Aroclor-1221	ug/kg		170 U	81 U	83 U
Aroclor-1232	ug/kg		83 U	40 U	41 U
Aroclor-1242	ug/kg		83 U	40 U	41 U
Aroclor-1248	ug/kg		83 U	40 U	41 U
Aroclor-1254	ug/kg		83 U	40 U	41 U
Aroclor-1260	ug/kg		83 U	40 U	41 U

TA. B-3
IALYTICAL RESULTS - BACKGROUND SOILS
PESTICIDE/PCB COMPOUNDS
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
	LOCATION:	Background	Background	Background
	DEPTH RANGE:	0 to 2 feet	6 to 8 feet	12 to 14 feet
	SAMPLE DATE:	06/04/97	06/04/97	06/04/97
	MATRIX:	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7F050163004	A7F050163005	A7F050163006
	EPA SAMPLE ID:	F056304	F056305	F056306
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS10	AS10	AS10
Pesticide/PCB Compounds				
alpha-BHC	ug/kg	4.2 U	2 U	2.1 U
beta-BHC	ug/kg	4.2 U	2 U	2.1 U
delta-BHC	ug/kg	4.2 U	2 U	2.1 U
gamma-BHC(Lindane)	ug/kg	4.2 U	2 U	2.1 U
Heptachlor	ug/kg	4.2 U	2 U	2.1 U
Aldrin	ug/kg	4.2 U	2 U	2.1 U
Heptachlor epoxide	ug/kg	4.2 U	2 U	2.1 U
Endosulfan I	ug/kg	4.2 U	2 U	2.1 U
Dieldrin	ug/kg	8.3 U	4 U	4.1 U
4,4-DDE'	ug/kg	720 D	6.6	0.35 J1
Endrin	ug/kg	8.3 U	4 U	4.1 U
Endosulfan II	ug/kg	8.3 U	4 U	4.1 U
4,4-DDD'	ug/kg	1.5 J10	4 U	4.1 U
Endosulfan sulfate	ug/kg	8.3 U	4 U	4.1 U
4,4-DDT'	ug/kg	410 D	4.7	4.1 U
Methoxychlor	ug/kg	19 J1	20 U	21 U
Endrin ketone	ug/kg	8.3 U	4 U	4.1 U
Endrin aldehyde	ug/kg	8.3 U	4 U	4.1 U
alpha-Chlordane	ug/kg	1.4 J10	2 U	2.1 U
gamma-Chlordane	ug/kg	4.2 U	2 U	2.1 U
Toxaphene	ug/kg	420 U	200 U	210 U
Aroclor-1016	ug/kg	83 U	40 U	41 U
Aroclor-1221	ug/kg	170 U	81 U	83 U
Aroclor-1232	ug/kg	83 U	40 U	41 U
Aroclor-1242	ug/kg	83 U	40 U	41 U
Aroclor-1248	ug/kg	83 U	40 U	41 U
Aroclor-1254	ug/kg	83 U	40 U	41 U
Aroclor-1260	ug/kg	83 U	40 U	41 U

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TAB. 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB01-SS01-0/6	SCA-SB01-SS01-1/2	SCA-SB01-SS01-6/8	SCA-SB91-SS01-6/8	SCA-SB02-SS01-0/6	SCA-SB02-SS01-1/2	SCA-SB02-SS01-8/10
LOCATION:		SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB01	SCA-SB02	SCA-SB02	SCA-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	6 to 8 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177001	A7E070177002	A7E070177003	A7E070177004	A7E030115005	A7E030115004	A7E030115006
EPA SAMPLE ID:		E077701	E077702	E077703	E077704	E031505	E031504	E031506
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	13.3 J5	10.2 J5	10.2 J5	10.3 J5	9.5 J5	9.5 J5	7.8 J5
Barium	mg/kg	82.4	68.7	87.7	60.3	50.6	50.7	69.5
Cadmium	mg/kg	0.61 J1	0.38 J1	1.8	1.2 J1	2	0.87 J1	0.35 J1
Chromium	mg/kg	22.9 J5	18.6 J5	11.2 J5	13.5 J5	35 J5	22.5 J5	19.7 J5
Lead	mg/kg	116 J8	89 J8	211 J8	166 J8	37.2 J8	31.1 J8	35.3 J8
Mercury	mg/kg	0.17	0.22	0.35	0.27	0.21	0.1 J1	0.09 J1
Selenium	mg/kg	0.98 U	0.99 U	1 U	1 U	0.95 U	0.92 U	1 U
Silver	mg/kg	0.24 U	0.25 U	0.26 U	0.26 U	0.27 J1	0.23 U	0.26 U
Total Cyanide	mg/kg	0.56 UJ5	0.09 J10	0.52 J10	0.91 J5	0.09 J10	0.54 UJ5	0.64 UJ5
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.5 J2	9.9 J2	9.7 J2	7.6 J2	7.3 J2	7.8 J2
BTU per pound	Btu/lb							

TAB J-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB03 SS01-0/6	SCA SB01 SS01-1/2	SCA SB03 SS01 14/16	SCA SB04 SS01 0/6	SCA SB04 SS01 1/2	SCA SB04 SS01-14/16	SCA SB05 SS01-0/6
LOCATION:		SCA-SB03	SCA SB03	SCA-SB03	SCA SB04	SCA SB04	SCA-SB04	SCA-SB05
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	14 to 16 feet	0 to 0 5 feet	1 to 2 feet	14 to 16 feet	0 to 0 5 feet
SAMPLE DATE:		05/02/97	05/02/97	05/05/97	05/02/97	05/02/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070177005	A7E070177006	A7E070177007	A7E070177008	A7E070177009	A7E070180001	A7E070180002
EPA SAMPLE ID:		E077705	E077706	E077707	E077708	E077709	E078001	E078002
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS02	AS02	AS02	AS02	AS02	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg	8 J5	8 5 J5	12 5 J5	9 1 J5	8 4 J5	12 3	11 6
Barium	mg/kg	67 2	67	61	63 5	60 3	46 6 J1	74 5
Cadmium	mg/kg	0 33 J1	0 53 J1	0 25 U	0 34 J1	0 52 J1	0 25 U	0 3 J1
Chromium	mg/kg	18 3 J5	16 1 J5	17 9 J5	13 8 J5	16 7 J5	22 7	19 2
Lead	mg/kg	64 3 J8	85 4 J8	12 7 J8	51 J8	85 J8	14 4	66 4
Mercury	mg/kg	0 25	0 29	0 06 U	0 11 J1	0 17	0 06 J1	0 12
Selenium	mg/kg	0 95 U	0 96 U	1 U	0 95 U	0 94 U	1 U	0 96 U
Silver	mg/kg	0 24 U	0 24 U	0 25 U	0 24 U	0 24 U	0 25 U	0 24 U
Total Cyanide	mg/kg	0 11 J10	0 59 UJ10	0 63 UJ10	0 56 UJ10	0 54 UJ10	9 5	0 58 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 6 J2	7 8 J2	7 6 J2	7 4 J2	7 7 J2	8 5 J2	7 7 J2
BTU per pound	Btu/lb							

TAB 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB05-SS01-1/2	SCA-SB05-SS01-16/18	SCA-SB06-SS01-0/6	SCA-SB96-SS01-0/6	SCA-SB06-SS01-1/2	SCA-SB06-SS01-4/6	SCA-SB07-SS01-0/6
LOCATION:		SCA-SB05	SCA-SB05	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB06	SCA-SB07
DEPTH RANGE:		1 to 2 feet	16 to 18 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180003	A7E070180004	A7E070180005	A7E070180006	A7E070180007	A7E070180008	A7E070180009
EPA SAMPLE ID:		E078003	E078004	E078005	E078006	E078007	E078008	E078009
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg	10.9	9.3	6.2	7.2	7.7	18.9	7.3
Barium	mg/kg	99.5	39.7 J1	52.7	64.6	90.2	334	61.3
Cadmium	mg/kg	0.24 J1	0.24 U	0.3 J1	0.33 J1	1.8	4.1	0.51 J1
Chromium	mg/kg	19.2	18.2	11.4	13.6	33.4	25.1	15.1
Lead	mg/kg	244	18.8	57.4	68.3	103	382	63.2
Mercury	mg/kg	0.09 J1	0.06 J1	0.22	0.22	0.21	0.47	0.16
Selenium	mg/kg	0.94 U	0.98 U	0.9 U	0.89 U	0.92 U	1 J1	0.94 U
Silver	mg/kg	0.23 U	0.24 U	0.22 U	0.22 U	0.3 J1	1 J1	0.24 U
Total Cyanide	mg/kg	0.58 U	0.6 U	0.54 U	0.55 U	0.09 J1	0.6	0.55 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.9 J2	7.7 J2	7.8 J2	7.8 J2	6.9 J2	8 J2
BTU per pound	Btu/lb							

TAL 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB07-SS01 1/2	SCA SB07 SS01 1/2	SCA SB07-SS01 8/10	SCA SB07-SS01 8/10	SCA SB08 SS01 0/6	SCA SB08 SS01 1/2	SCA SB08 SS01 12/14
LOCATION:		SCA-SB07	SCA SB07	SCA SB07	SCA SB07	SCA SB08	SCA-SB08	SCA SB08
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0 5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/05/97	06/16/97	05/05/97	06/16/97	05/05/97	05/05/97	05/05/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E070180010	A7F180147003	A7E070180011	A7F180147004	A7E070180012	A7E070180013	A7E070180014
EPA SAMPLE ID:		E078010	F184703	E078011	F184704	E078012	E078013	E078014
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS03	AS11	AS03	AS11	AS03	AS03	AS03
Total CLP Metals								
Arsenic	mg/kg		0 22		0 07 U	8	8 6	8 1
Barium	mg/kg		8 9 J8		13 2 J8	75 2	104	86 6
Cadmium	mg/kg		53 9		184	0 37 J1	10 6	0 25 U
Chromium	mg/kg		4 2		1 4	13 6	127	22 9
Lead	mg/kg		53 8 J8		27 7 J8	80 7	114	22
Mercury	mg/kg		46 2 J8		171 J8	0 3	0 94	0 08 J1
Selenium	mg/kg		1 2 J5		2 7 J5	0 93 U	0 95 U	1 J1
Silver	mg/kg		0 79 J1		0 26 U	0 23 U	2 9	0 25 U
Total Cyanide	mg/kg		0 56 UJ10		0 23 UB	0 57 U	0 61	0 57 J1
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg	14000		12000				
Sulfur (D2015/300 0)	ug/g	547		913				
pH (solid)		7 2 J2		7 5 J2		7 8 J2	7 5 J2	7 8 J2
BTU per pound	Btu/lb	100 U		1100				

TAB 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB09-SS01-0/6	SCA-SB09-SS01-1/2	SCA-SB99-SS01-1/2	SCA-SB09-SS01-4/6	SCA-SB10-SS01-0/6	SCA-SB10-SS01-1/2	SCA-SB10-SS01-10/12
LOCATION:		SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB09	SCA-SB10	SCA-SB10	SCA-SB10
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	10 to 12 feet
SAMPLE DATE:		05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/05/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090172001	A7E090172002	A7E090172003	A7E090172004	A7E090172005	A7E090172006	A7E090176001
EPA SAMPLE ID:		E097201	E097202	E097203	E097204	E097205	E097206	E097601
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS03	AS03	AS03	AS03	AS03	AS03	AS04
Total CLP Metals								
Arsenic	mg/kg	9.4	5.3	6.2	9.3	11.2	11.1	0.06 U
Barium	mg/kg	102	118	123	53.7	126	148	7.9
Cadmium	mg/kg	13	1.5	4	0.25 U	15.6	10	43.9 J1
Chromium	mg/kg	145	23.1	41.4	16	181	145	0.24 U
Lead	mg/kg	93.3	73.4	111	77.4	126	123	20
Mercury	mg/kg	0.91	0.28	0.82	0.15	1.1	1.1	19 J5
Selenium	mg/kg	0.93 U	0.94 U	0.95 U	0.98 U	0.91 U	0.91 U	0.97 U
Silver	mg/kg	3.4	0.24 U	0.35 J1	0.25 U	4.6	3.1	0.24 U
Total Cyanide	mg/kg	0.84	0.42 J1	0.62	0.09 J1	0.39 J1	0.25 J1	0.58 UJ5
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8.2 J2	8.3 J2	8.9 J2	7.6 J2	7.6 J2	8.5 J2	8 J2
BTU per pound	Btu/lb							

TAB. -4
ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB11 SS01 0/6	SCA SB11 SS01 1/2	SCA SB11 SS01 14/16	SCA SB12 SS01 0/6	SCA SB12 SS01 1/2	SCA SB12 SS01 4/6	SCA SB13 SS01 0/6
LOCATION:		SCA SB11	SCA SB11	SCA SB11	SCA SB12	SCA SB12	SCA SB12	SCA SB13
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	14 to 16 feet	0 to 0 5 feet	1 to 2 feet	4 to 6 feet	0 to 0 5 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97	05/07/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176002	A7E090176003	A7E090176004	A7E090176005	A7E090176006	A7E090176007	A7E090176008
EPA SAMPLE ID:		E097602	E097603	E097604	E097605	E097606	E097607	E097608
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS04	AS04
Total CLP Metals								
Arsenic	mg/kg	0 26	0 14	0 1 J1	0 11 J1	0 11 J1	0 07 J1	0 06 U
Barium	mg/kg	11 1	10 3	9 7	13 3	9 3	8 3	8 6
Cadmium	mg/kg	118	95 8	84 9	86 6	64 4	51 2	31 3 J1
Chromium	mg/kg	0 56 J1	0 53 J1	2 6	0 28 J1	0 78 J1	0 88 J1	0 25 U
Lead	mg/kg	16 4	16 4	16 9	20 1	22 2	24	14 5
Mercury	mg/kg	149 J5	135 J5	294 J5	80 8 J5	53 7 J5	31 5 J5	14 9 J5
Selenium	mg/kg	0 96 U	0 91 U	1 U	0 94 U	0 92 U	0 92 U	1 U
Silver	mg/kg	0 24 U	0 32 J1	0 26 U	0 24 U	0 23 U	0 23 U	0 25 U
Total Cyanide	mg/kg	0 09 J10	0 56 UJ5	0 64 UJ5	0 59 UJ5	0 56 UJ5	0 12 J10	0 1 J10
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 7 J2	7 8 J2	8 2 J2	8 1 J2	7 7 J2	7 6 J2	7 4 J2
BTU per pound	Btu/lb							

TABLE 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB13-SS01-1/2	SCA-SB103-SS01-1/2	SCA-SB13-SS01-4/6	SCA-SB14-SS01-0/6	SCA-SB14-SS01-1/2	SCA-SB14-SS01-1/2	SCA-SB104-SS01-1/2
LOCATION:		SCA-SB13	SCA-SB13	SCA-SB13	SCA-SB14	SCA-SB14	SCA-SB14	SCA-SB14
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	1 to 2 feet
SAMPLE DATE:		05/07/97	05/07/97	05/07/97	05/08/97	05/08/97	06/16/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Duplicate
LAB SAMPLE ID:		A7E090176009	A7E090176010	A7E090176011	A7E090176015	A7E090176016	A7F180147005	A7E090176018
EPA SAMPLE ID:		E097609	E097610	E097611	E097615	E097616	F184705	E097618
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	FR1
SDG NO:		AS04	AS04	AS04	AS04	AS04	AS11	AS04
Total CLP Metals								
Arsenic	mg/kg	0.06 U	0.06 U	0.14	0.06 U		0.06 U	
Barium	mg/kg	8.5	6.7	15.9	9		8 J8	
Cadmium	mg/kg	36.4 J1	27.3 J1	36.2 J1	31.2 J1		50.9	
Chromium	mg/kg	0.46 J1	0.34 J1	0.22 U	0.23 U		0.35 J1	
Lead	mg/kg	14.2	11	25.6	11.5		18.5 J8	
Mercury	mg/kg	14.2 J5	11.1 J5	20.3 J5	13.1 J5		15 J8	
Selenium	mg/kg	0.92 U	0.95 U	0.89 U	0.93 U		0.96 UJ5	
Silver	mg/kg	0.23 U	0.24 U	0.22 U	0.23 U		0.23 U	
Total Cyanide	mg/kg	0.55 UJ5	0.58 UJ5	0.55 UJ5	0.11 UB		0.59 UJ10	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg					9000		12000
Sulfur (D2015/300.0)	ug/g					542		752
pH (solid)		7.5 J2	7.5 J2	7.6 J2	7.9 J2	7.8 J2		7.7 J2
BTU per pound	Btu/lb					190		200

TAB. 3-4

ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB104-SS01 1/2	SCA SB14 SS01-4/6	SCA SB14-SS01 4/6	SCA SB15 SS01 0/6	SCA SB15 SS01 1/2	SCA SB105 SS01-1/2	SCA SB15 SS01 12/14
LOCATION:		SCA-SB14	SCA SB14	SCA-SB14	SCA SB15	SCA SB15	SCA SB15	SCA SB15
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0 5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/08/97	06/16/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Duplicate Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7F180147007	A7E090176017	A7F180147006	A7E150154008	A7E150154009	A7E150154010	A7E150154011
EPA SAMPLE ID:		F184707	E097617	F184706	E155408	E155409	E155410	E155411
SAMPLE TYPE:		FR1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS11	AS04	AS11	AS07	AS07	AS07	AS07
Total CLP Metals								
Arsenic	mg/kg	0 06 U		0 06 U	0 11	0 09 J1	0 08 J1	
Barium	mg/kg	8 9 J8		12 1 J8	8 8 J5	0 15	12 7 J5	
Cadmium	mg/kg	37 5 J1		19 5 J1	63	62 2	63 8	
Chromium	mg/kg	0 35 J1		0 32 J1	0 37 J1	0 26 U	0 25 U	
Lead	mg/kg	17 3 J8		11 5 J8	15 3	15 5	18 8	
Mercury	mg/kg	16 1 J8		19 6 J8	89 2 J8	75 7 J8	42 4 J8	
Selenium	mg/kg	0 94 UJ5		0 96 UJ5	0 92 U	1 U	0 98 U	
Silver	mg/kg	0 23 U		0 23 U	0 23 U	0 26 U	0 25 U	
Total Cyanide	mg/kg	0 57 UJ5		0 27 UB	0 11 J1	0 18 J1	0 1 J1	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg		7800					18000
Sulfur (D2015/300 0)	ug/g		669					573
pH (solid)			7 6 J2		8 2 J2	8 J2	7 7 J2	8 J2
BTU per pound	Btu/lb		100 U					160

TABLE 3-4
ANALYTICAL RESULTS - AREA A SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA-SB15-SS01-12/14	SCA-SB16-SS01-0/6	SCA-SB16-SS01-1/2	SCA-SB16-SS01-12/14
LOCATION:		SCA-SB15	SCA-SB16	SCA-SB16	SCA-SB16
DEPTH RANGE:		12 to 14 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		06/16/97	05/14/97	05/14/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147012	A7E190102002	A7E190102003	A7E190102004
EPA SAMPLE ID:		F184712	E190202	E190203	E190204
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS11	AS08	AS08	AS08
Total CLP Metals					
Arsenic	mg/kg	0.06 U	0.06 U	0.15	0.18
Barium	mg/kg	5.8 J8	8.6	9.9	8.4
Cadmium	mg/kg	44.5 J1	49.2	70.5	50.5
Chromium	mg/kg	0.26 J1	0.23 U	0.31 J1	0.35 J1
Lead	mg/kg	18.1 J8	16	12.7	17.5
Mercury	mg/kg	18 J8	26.2 J8	76.5 J8	24.3 J8
Selenium	mg/kg	1 UJ5	0.91 U	0.96 U	0.92 U
Silver	mg/kg	0.26 U	0.23 U	0.24 U	1.1 J1
Total Cyanide	mg/kg	0.38 UB	0.57 U	0.2 J1	0.94
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)			8.4 J2	8 J2	8.3 J2
BTU per pound	Btu/lb				

TAB J-4

ANALYTICAL RESULTS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB SB01 SS01 1/2	SCB SB01 SS01 4/6	SCB SB01 SS01 4/6	SCB SB02 SS01 0/6	SCB SB02 SS01 1/2	SCB SB02 SS01 1/2	SCB SB02 SS01 4/6
LOCATION:		SCB SB01	SCB SB01	SCB SB01	SCB SB02	SCB SB02	SCB SB02	SCB SB02
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	4 to 6 feet	0 to 0 5 feet	1 to 2 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	05/01/97	05/01/97	06/16/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E010140010	A7E010140011	A7E010140012	A7E030112005	A7E030105002	A7F170129008	A7E030105001
EPA SAMPLE ID:		E014010	E014011	E014012	E031205	E030502	F172908	E030501
SAMPLE TYPE:		N1	N1	FR1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS02	AS01	AS11	AS01
Total CLP Metals								
Arsenic	mg/kg	10 6	8 2	8 2	7 6 J5		0 25	
Barium	mg/kg	105	99	152	73 2		5 7 J8	
Cadmium	mg/kg	0 66 J1	0 28 U	0 27 U	1 9		87 2	
Chromium	mg/kg	24 6 J11	28 3 J11	23 4 J11	29 8 J5		1 1 J1	
Lead	mg/kg	74 5	63	35 2	78 1 J8		25 7 J8	
Mercury	mg/kg	0 3	0 18	0 08 J1	0 51		78 J8	
Selenium	mg/kg	0 86 U	1 1 U	1 1 U	0 94 U		0 98 UJ5	
Silver	mg/kg	3 5	0 84 U	0 81 U	0 24 U		0 24 U	
Total Cyanide	mg/kg	0 55 U	0 7 U	0 68 U	0 56 UJ5		0 13 UB	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg					8900		19000
Sulfur (D2015/300 0)	ug/g					395		699
pH (solid)		10 J2	7 5 J2	7 3 J2	7 4 J2	7 5 J2		7 7 J2
BTU per pound	Btu/lb					1200		100 U

TAB .-4

ANALYTICAL RESULTS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-4/6	SCB-SB03-SS01-0/6	SCB-SB03-SS01-1/2	SCB-SB03-SS01-6/8	SCB-SB04-SS01-0/6	SCB-SB04-SS01-1/2	SCB-SB04-SS01-4/6
LOCATION:		SCB-SB02	SCB-SB03	SCB-SB03	SCB-SB03	SCB-SB04	SCB-SB04	SCB-SB04
DEPTH RANGE:		4 to 6 feet	0 to 0.5 feet	1 to 2 feet	6 to 8 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		06/16/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97	05/01/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F170129009	A7E030105007	A7E030105008	A7E030112001	A7E030112002	A7E030112003	A7E030112004
EPA SAMPLE ID:		F172909	E030507	E030508	E031201	E031202	E031203	E031204
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS01	AS01	AS02	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	0.17	10.3	9.6	7.9 J5	9.7 J5	9.2 J5	6.8 J5
Barium	mg/kg	7.7 J8	39.1 J1	169	210	38.4 J1	54.2	441
Cadmium	mg/kg	75	0.69 J1	1.4	0.64 J1	1 J1	0.52 J1	0.22 U
Chromium	mg/kg	1.2	14.2 J11	23 J11	22.9 J5	18.7 J5	17.2 J5	64.4 J5
Lead	mg/kg	24.7 J8	38	139	85.5 J8	284 J8	41.5 J8	340 J8
Mercury	mg/kg	57.4 J8	0.25	0.22	0.52	0.24	0.3	0.07 J1
Selenium	mg/kg	0.98 UJ5	0.92 U	0.98 J1	1 U	0.89 U	0.87 U	0.86 U
Silver	mg/kg	0.24 U	0.69 U	0.7 U	0.26 U	0.22 U	0.22 U	0.22 U
Total Cyanide	mg/kg	0.11 UB	0.55 U	1.3	0.48 J10	0.11 J10	0.12 J10	0.53 UJ5
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)			7.4 J2	7.5 J2	7.5 J2	7.6 J2	7.6 J2	7.5 J2
BTU per pound	Btu/lb							

TAB 3-4

ANALYTICAL RESULTS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB SB05 SS01 0/6	SCB SB05 SS01 0/6	SCB SB05 SS01 1/2	SCB SB05 SS01 6/8	SCB SB06 SS01 0/6	SCB SB06 SS01 1/2	SCB SB06 SS01 14/16
LOCATION:		SCB SB05	SCB SB05	SCB SB05	SCB SB05	SCB SB06	SCB SB06	SCB SB06
DEPTH RANGE:		0 to 0 5 feet	0 to 0 5 feet	1 to 2 feet	6 to 8 feet	0 to 0 5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/01/97	05/01/97	05/01/97	05/01/97	05/02/97	05/02/97	05/02/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030105003	A7E030105004	A7E030105005	A7E030105006	A7E030115001	A7E030115002	A7E030115003
EPA SAMPLE ID:		E030503	E030504	E030505	E030506	E031501	E031502	E031503
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS02	AS02	AS02
Total CLP Metals								
Arsenic	mg/kg	7 7	10 1	8	9 7	10 2 J5	12 7 J5	11 J5
Barium	mg/kg	62 5	55 1	29 4 J1	105	47 2	24 9 J1	59 8
Cadmium	mg/kg	1 J1	0 23 U	0 81 J1	0 34 U	1 J1	0 54 J1	0 29 J1
Chromium	mg/kg	13 9 J11	14 J11	18 6 J11	25 3 J11	20 3 J5	16 8 J5	18 5 J5
Lead	mg/kg	59 8	48 6	28 7	118	181 J8	17 4 J8	36 2 J8
Mercury	mg/kg	0 28	0 21	0 09 J1	0 17 J1	0 08 J1	0 08 J1	0 1 J1
Selenium	mg/kg	0 92 U	0 92 U	0 92 U	1 4 U	0 92 U	0 92 U	0 96 U
Silver	mg/kg	0 69 U	0 69 U	0 69 U	1 U	0 23 U	0 23 U	0 24 U
Total Cyanide	mg/kg	0 53 U	0 54 U	0 53 U	0 2 J1	0 53 UJ5	0 53 UJ5	0 59 UJ5
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 8 J2	7 7 J2	7 5 J2	7 6 J2	8 J2	7 7 J2	7 5 J2
BTU per pound	Btu/lb							

TAB. B-4

ANALYTICAL RESULTS - AREA B SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB07-SS01-0/6	SCB-SB07-SS01-1/2	SCB-SB07-SS01-10/12	SCB-SB08-SS01-0/6	SCB-SB08-SS01-1/2	SCB-SB08-SS01-12/14
LOCATION:		SCB-SB07	SCB-SB07	SCB-SB07	SCB-SB08	SCB-SB08	SCB-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	10 to 12 feet	0 to 0.5 feet	1 to 2 feet	12 to 14 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E150154002	A7E150154003	A7E150154004	A7E150154005	A7E150154006	A7E150154007
EPA SAMPLE ID:		E155402	E155403	E155404	E155405	E155406	E155407
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07
Total CLP Metals							
Arsenic	mg/kg	0.06 U	0.09 J1	0.06 U	2	0.09 J1	0.06 U
Barium	mg/kg	10.1 J5	8 J5	9.8 J5	40.7 J5	9.2 J5	7 J5
Cadmium	mg/kg	32.1 J1	28 J1	38.9 J1	2220	18.5 J1	56.6
Chromium	mg/kg	1 J1	1.3	0.25 U	3.3	0.23 U	0.25 U
Lead	mg/kg	21.2	24.4	14.6	319	52.1	20.3
Mercury	mg/kg	25.8 J8	22.6 J8	15 J8	1610 J8	23.7 J8	11.5 J8
Selenium	mg/kg	0.92 U	0.91 U	0.98 U	1.6	0.91 U	0.98 U
Silver	mg/kg	0.23 U	0.25 J1	0.25 U	0.24 U	0.23 U	0.25 U
Total Cyanide	mg/kg	0.17 J1	0.57 U	0.61 U	4.6	0.11 J1	0.61 U
Wet Chemistry Parameters							
Total Organic Carbon	mg/kg						
Sulfur (D2015/300.0)	ug/g						
pH (solid)		8 J2	7.6 J2	8 J2	8 J2	7.8 J2	7.8 J2
BTU per pound	Btu/lb						

TABLE 8-4
ANALYTICAL RESULTS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC SB01 SS01 0/6	SCC SB01 SS01 1/2	SCC SB01-SS01-12/14	SCC SB02 SS01 0/6	SCC SB02 SS01 1/2	SCC-SB02 SS01 6/8	SCC SB03 SS01-0/6
LOCATION:		SCC SB01	SCC SB01	SCC SB01	SCC SB02	SCC SB02	SCC SB02	SCC-SB03
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	12 to 14 feet	0 to 0 5 feet	1 to 2 feet	6 to 8 feet	0 to 0 5 feet
SAMPLE DATE:		04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97	04/29/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E010140001	A7E010140002	A7E010140003	A7E010140004	A7E010140005	A7E010140006	A7E010140007
EPA SAMPLE ID:		E014001	E014002	E014003	E014004	E014005	E014006	E014007
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS01	AS01	AS01
Total CLP Metals								
Arsenic	mg/kg	12 3	9 8	13 2	9 7	9 1	4 6	9 9
Barium	mg/kg	30 3 J1	49 4	57 1	27 6 J1	59 7	53 6	34 2 J1
Cadmium	mg/kg	0 3 J1	0 48 J1	0 26 U	0 34 J1	1 5	0 23 U	0 34 J1
Chromium	mg/kg	15 5 J11	18 2 J11	20 5 J11	12 3 J11	22 2 J11	6 3 J11	12 1 J11
Lead	mg/kg	22 7	35 8	13 1	28 3	82 5	27 6	24 4
Mercury	mg/kg	0 09 J1	0 08 J1	0 06 U	0 07 J1	0 26	0 1 J1	0 09 J1
Selenium	mg/kg	1 1 U	0 9 U	1 U	0 88 U	0 94 U	0 92 U	0 87 U
Silver	mg/kg	0 85 U	0 67 U	0 78 U	0 66 U	0 71 U	0 69 U	0 65 U
Total Cyanide	mg/kg	0 2 J1	0 37 J1	0 62 U	0 16 J1	0 3 J1	0 18 J1	0 5 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 8 J2	7 4 J2	7 8 J2	7 7 J2	7 4 J2	7 8 J2	7 8 J2
BTU per pound	Btu/lb							

TABLE 3-4

ANALYTICAL RESULTS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCC-SB03-SS01-1/2	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCC-SB03-SS01-8/10	SCC-SB04-SS01-0/6	SCC-SB94-SS01-0/6	SCC-SB04-SS01-1/2
LOCATION:		SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB03	SCC-SB04	SCC-SB04	SCC-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	8 to 10 feet	8 to 10 feet	0 to 0.5 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		04/29/97	06/16/97	04/29/97	06/16/97	05/12/97	05/13/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E010140008	A7F180147002	A7E010140009	A7F180147001	A7E140163018	A7E150154001	A7E140163019
EPA SAMPLE ID:		E014008	F184702	E014009	F184701	E146318	E155401	E146319
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS01	AS11	AS01	AS11	AS06	AS07	AS06
Total CLP Metals								
Arsenic	mg/kg		0.14		0.13 J1		0.07 J1	
Barium	mg/kg		9 J8		12.7 J8		10.1 J5	
Cadmium	mg/kg		60.4		141		27.7 J1	
Chromium	mg/kg		0.77 J1		1.8		0.89 J1	
Lead	mg/kg		12.9 J8		19 J8		19.8	
Mercury	mg/kg		91.7 J8		74.6 J8		21.3 J8	
Selenium	mg/kg		0.96 UJ5		1.7 J5		0.9 U	
Silver	mg/kg		0.23 U		0.27 U		0.22 U	
Total Cyanide	mg/kg		0.14 UB		0.29 UB		0.21 J1	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg	9200		21000				
Sulfur (D2015/300.0)	ug/g	413		2330				
pH (solid)		7.3 J2		7.6 J2		8.4 J2	8.1 J2	10.5 J2
BTU per pound	Btu/lb	100 U		700				

TAB. 5-4
ANALYTICAL RESULTS - AREA C SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCC SB04 SS01 14/16
	LOCATION:	SCC SB04
	DEPTH RANGE:	14 to 16 feet
	SAMPLE DATE:	05/12/97
	MATRIX:	Soil
	SAMPLE TYPE:	Field Sample
	LAB SAMPLE ID:	A7E140103020
	EPA SAMPLE ID:	E146320
	SAMPLE TYPE:	N1
	SDG NO:	AS08
Total CLP Metals		
Arsenic	mg/kg	
Barium	mg/kg	
Cadmium	mg/kg	
Chromium	mg/kg	
Lead	mg/kg	
Mercury	mg/kg	
Selenium	mg/kg	
Silver	mg/kg	
Total Cyanide	mg/kg	
Wet Chemistry Parameters		
Total Organic Carbon	mg/kg	
Sulfur (D2015/300 0)	ug/g	
pH (solid)		8 1 J2
BTU per pound	Btu/lb	

TAB. -4

ANALYTICAL RESULTS - AREA D SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD-SB01-SS01-0/6	SCD-SB01-SS01-1/2	SCD-SB01-SS01-1/2	SCD-SB01-SS01-12/14	SCD-SB01-SS01-12/14	SCD-SB02-SS01-0/6	SCD-SB02-SS01-1/2
LOCATION:		SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB01	SCD-SB02	SCD-SB02
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	1 to 2 feet	12 to 14 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet
SAMPLE DATE:		05/08/97	05/08/97	06/16/97	05/08/97	06/16/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176019	A7E090176020	A7F180147008	A7E120138001	A7F180147009	A7E120138002	A7E120138003
EPA SAMPLE ID:		E097619	E097620	F184708	E123801	F184709	E123802	E123803
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS11	AS05	AS11	AS05	AS05
Total CLP Metals								
Mercury	mg/kg	0.17		0.07 J1		0.06 J1	0.06 U	0.06 U
Arsenic	mg/kg	9.6		7.8 J8		8 J8	8.9	9.4
Barium	mg/kg	48.2		36.5 J1		43.9 J1	25.7 J1	38.9 J1
Cadmium	mg/kg	1.1 J1		0.95 J1		0.21 J1	0.34 J1	0.51 J1
Chromium	mg/kg	25.9		17.1 J8		21.5 J8	14.2 J8	21.9 J8
Lead	mg/kg	59.3 J5		16.5 J8		14.5 J8	14.6	19.8
Selenium	mg/kg	0.92 U		0.93 UJ5		1 UJ5	0.91 U	0.93 U
Silver	mg/kg	0.23 U		0.23 U		0.24 U	0.23 U	0.23 U
Total Cyanide	mg/kg	0.58 UJ5		0.57 UJ5		0.61 UJ5	0.09 J10	0.58 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg		9800		10000			
Sulfur (D2015/300.0)	ug/g		1260		2070			
pH (solid)		7.7 J2	7.6 J2		7.8 J2		8.1 J2	7.6 J2
BTU per pound	BTU/lb		100 U		250			

TAB. -4
ANALYTICAL RESULTS - AREA D SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCD SB02 SS01 8/10	SCD SB03 SS01 0/6	SCD SB03 SS01 1/2	SCD SB03 SS01 4/6
LOCATION		SCD SB02	SCD SB03	SCD SB03	SCD SB03
DEPTH RANGE:		8 to 10 feet	0 to 0 5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE		05/08/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138004	A7E140163015	A7E140163016	A7E140163017
EPA SAMPLE ID:		E123804	E146315	E146316	E146317
SAMPLE TYPE:		N1	N1	N1	N1
SDG NO:		AS05	AS06	AS06	AS06
Total CLP Metals					
Mercury	mg/kg	0 06 U			
Arsenic	mg/kg	9 8			
Barium	mg/kg	45 3 J1			
Cadmium	mg/kg	0 24 U			
Chromium	mg/kg	17 2 J8			
Lead	mg/kg	14 6			
Selenium	mg/kg	0 96 U			
Silver	mg/kg	0 24 U			
Total Cyanide	mg/kg	0 6 U			
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300 0)	ug/g				
pH (solid)		7 9 J2	8 J2	7 4 J2	7 5 J2
BTU per pound	BTU/lb				

TABLE 4

ANALYTICAL RESULTS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCE-SB01-SS01-0/6	SCE-SB01-SS01-1/2	SCE-SB01-SS01-8/10	SCE-SB02-SS01-0/6	SCE-SB02-SS01-1/2	SCE-SB02-SS01-4/6	SCE-SB03-SS01-0/6
LOCATION:		SCE-SB01	SCE-SB01	SCE-SB01	SCE-SB02	SCE-SB02	SCE-SB02	SCE-SB03
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	4 to 6 feet	0 to 0.5 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	05/12/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E090176012	A7E090176013	A7E090176014	A7E140163007	A7E140163005	A7E140163006	A7E140163008
EPA SAMPLE ID:		E097612	E097613	E097614	E146307	E146305	E146306	E146308
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS04	AS06	AS06	AS06	AS06
Total CLP Metals								
Mercury	mg/kg	0.06 U	0.06 J1	0.71				
Arsenic	mg/kg	9.8	7.5	7.1				
Barium	mg/kg	26.6 J1	49.8	57.9				
Cadmium	mg/kg	0.97 J1	0.24 U	0.26 U				
Chromium	mg/kg	19.2	23	24.7				
Lead	mg/kg	17.9 J5	12.5 J5	141 J5				
Selenium	mg/kg	0.91 U	0.94 U	1 U				
Silver	mg/kg	0.23 U	0.24 U	0.26 U				
Total Cyanide	mg/kg	0.53 UJ5	0.56 UJ5	1.6 J5				
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.8 J2	7.9 J2	7.6 J2	8 J2	7.4 J2	8 J2	8 J2
BTU per pound	BTU/lb							

TAB J-4

ANALYTICAL RESULTS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:	SCE-SB03-SS01-1/2	SCE-SB03-SS01-1/2	SCE-SB03-SS01-8/10	SCE-SB04-SS01-0/6	SCE-SB04-SS01-1/2	SCE-SB04-SS01-8/10	SCE-SB06-SS01-0/6
LOCATION:	SCE-SB03	SCE-SB03	SCE-SB03	SCE-SB04	SCE-SB04	SCE-SB04	SCE-SB05
DEPTH RANGE:	1 to 2 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet	0 to 0.5 feet
SAMPLE DATE:	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/12/97	05/14/97
MATRIX:	Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:	A7E140163009	A7E140163010	A7E140163011	A7E140163012	A7E140163013	A7E140163014	A7E190102005
EPA SAMPLE ID:	E146309	E146310	E146311	E146312	E146313	E146314	E190205
SAMPLE TYPE:	N1	FR1	N1	N1	N1	N1	N1
SDG NO:	AS06	AS06	AS06	AS06	AS06	AS06	AS08
Total CLP Metals							
Mercury mg/kg							0.06 U
Arsenic mg/kg							10.4
Barium mg/kg							75.5
Cadmium mg/kg							0.25 U
Chromium mg/kg							15.3
Lead mg/kg							24 J8
Selenium mg/kg							1 U
Silver mg/kg							0.25 U
Total Cyanide mg/kg							0.63 U
Wet Chemistry Parameters							
Total Organic Carbon mg/kg							
Sulfur (D2015/300.0) ug/g							
pH (solid)	7.6 J2	7.7 J2	8.2 J2	7.9 J2	8.3 J2	7.8 J2	8 J2
BTU per pound BTU/lb							

TABLE 3-4
ANALYTICAL RESULTS - AREA E SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	SCE-SB06-SS01-1/2	SCE-SB06-SS01-6/8
		LOCATION:	SCE-SB05	SCE-SB05
		DEPTH RANGE:	1 to 2 feet	6 to 8 feet
		SAMPLE DATE:	05/14/97	05/14/97
		MATRIX:	Soil	Soil
		SAMPLE TYPE:	Field Sample	Field Sample
		LAB SAMPLE ID:	A7E190102006	A7E190102007
		EPA SAMPLE ID:	E190206	E190207
		SAMPLE TYPE:	N1	N1
		SDG NO:	AS08	AS08
Total CLP Metals				
Mercury	mg/kg		0.1 J1	0.24
Arsenic	mg/kg		7.4	6.9
Barium	mg/kg		38.2 J1	72.5
Cadmium	mg/kg		2.8	1.1 J1
Chromium	mg/kg		49.4	10.5
Lead	mg/kg		30.2 J8	143 J8
Selenium	mg/kg		0.95 U	0.88 U
Silver	mg/kg		0.52 J1	0.22 U
Total Cyanide	mg/kg		0.61	0.11 J1
Wet Chemistry Parameters				
Total Organic Carbon	mg/kg			
Sulfur (D2015/300.0)	ug/g			
pH (solid)			8.2 J2	9.2 J2
BTU per pound	BTU/lb			

TAB. J-4

ANALYTICAL RESULTS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB01-SS01-0/6	SCF-SB01-SS01-1/2	SCF-SB01-SS01-16/18	SCF-SB02-SS01-0/6	SCF-SB02-SS01-0/6	SCF-SB02-SS01-1/2	SCF-SB02-SS01-14/16
LOCATION:		SCF-SB01	SCF-SB01	SCF-SB01	SCF-SB02	SCF-SB02	SCF-SB02	SCF-SB02
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	16 to 18 feet	0 to 0 5 feet	0 to 0 5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138005	A7E120138006	A7E120138007	A7E120138008	A7E120138010	A7E120138009	A7E120138011
EPA SAMPLE ID:		E123805	E123806	E123807	E123808	E123810	E123809	E123811
SAMPLE TYPE:		N1	N1	N1	N1	FR1	N1	N1
SDG NO:		AS05	AS05	AS05	AS05	AS05	AS05	AS05
Total CLP Metals								
Mercury	mg/kg	0 12	1 9	0 06 U	0 06 U	0 07 U	0 06 U	0 06 U
Arsenic	mg/kg	7	9 9	17 4	8 2	11 8	8	13 7
Barium	mg/kg	29 4 J1	156	56 6	28 1 J1	35 4 J1	35 6 J1	42 2 J1
Cadmium	mg/kg	0 35 J1	28 7	0 25 U	0 55 J1	0 9 J1	0 23 U	0 25 U
Chromium	mg/kg	9 3 J8	315 J8	20 7 J8	14 5 J8	23 5 J8	17 1 J8	19 4 J8
Lead	mg/kg	47 1	188	27 2	12 4	20 2	11 7	23 1
Selenium	mg/kg	0 9 U	0 96 U	0 98 U	0 96 U	1 2 U	0 92 U	0 99 U
Silver	mg/kg	0 23 U	9 6	0 25 U	0 24 U	0 3 U	0 23 U	0 25 U
Total Cyanide	mg/kg	0 56 U	3 1 J8	0 61 U	0 6 U	0 29 J10	0 58 U	0 62 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		8 1 J2	7 3 J2	7 9 J2	7 4 J2	7 5 J2	7 6 J2	7 7 J2
BTU per pound	BTU/lb							

TABLE 3-4
ANALYTICAL RESULTS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB03-SS01-0/6	SCF-SB03-SS01-1/2	SCF-SB03-SS01-18/20	SCF-SB04-SS01-0/6	SCF-SB04-SS01-1/2	SCF-SB04-SS01-1/2	SCF-SB04-SS01-8/10
LOCATION:		SCF-SB03	SCF-SB03	SCF-SB03	SCF-SB04	SCF-SB04	SCF-SB04	SCF-SB04
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	18 to 20 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/12/97	06/16/97	05/12/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Re-Sample	Field Sample
LAB SAMPLE ID:		A7E120138012	A7E120138013	A7E120138014	A7E140163002	A7E140163003	A7F180147010	A7E140163004
EPA SAMPLE ID:		E123812	E123813	E123814	E146302	E146303	F184710	E146304
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS06	AS11	AS06
Total CLP Metals								
Mercury	mg/kg	0.06 U	0.06 U	0.06 U			0.06 U	
Arsenic	mg/kg	8.3	10.4	7.2			10.9 J8	
Barium	mg/kg	45.4 J1	32.3 J1	50.4			28.2 J1	
Cadmium	mg/kg	0.24 U	0.81 J1	0.24 U			0.24 J1	
Chromium	mg/kg	20.4 J8	19.1 J8	23.6 J8			12.3 J8	
Lead	mg/kg	13.2	21.9	12			9.8 J8	
Selenium	mg/kg	0.94 U	0.93 U	0.96 U			0.94 UJ5	
Silver	mg/kg	0.24 U	0.23 U	0.24 U			0.23 U	
Total Cyanide	mg/kg	0.59 U	0.09 J10	0.6 U			0.18 UB	
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.6 J2	7.9 J2	8.1 J2	8.4 J2	7.5 J2		8 J2
BTU per pound	BTU/lb							

TABL -4
ANALYTICAL RESULTS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB04-SS01-8/10	SCF-SB05-SS01-0/6	SCF-SB05-SS01-1/2	SCF-SB05-SS01-14/16	SCF-SB06-SS01-0/6	SCF-SB06-SS01-1/2	SCF-SB06-SS01-14/16
LOCATION:		SCF-SB04	SCF-SB05	SCF-SB05	SCF-SB05	SCF-SB06	SCF-SB06	SCF-SB06
DEPTH RANGE:		8 to 10 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet	0 to 0.5 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		06/16/97	05/08/97	05/08/97	05/08/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Re Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F180147011	A7E120138015	A7E120138016	A7E120138017	A7F040135006	A7F040135004	A7F040135005
EPA SAMPLE ID:		F184711	E123815	E123816	E123817	F043506	F043504	F043505
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS11	AS05	AS05	AS05	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	0.06 U	0.06 U	0.06 U	27.1	0.39 J5	0.38 J5	0.06 R5
Arsenic	mg/kg	5.9 J8	8.2	13.7	104	6.1	8.4	6.7
Barium	mg/kg	71.5	32.2 J1	28.7 J1	389	135	128	56.3
Cadmium	mg/kg	0.28 J1	0.35 J1	0.24 U	5	2.1	1.5	0.35 J1
Chromium	mg/kg	20.9 J8	14.2 J8	13.7 J8	26.9 J8	38.1	32.3	22.7
Lead	mg/kg	10.4 J8	12.9	13.9	2680	293 J5	181 J5	11.2 J5
Selenium	mg/kg	1.2 J10	0.97 U	0.95 U	25.3	0.93 UJ5	1.4 J5	1 UJ5
Silver	mg/kg	0.24 U	0.24 U	0.24 U	0.61 J1	0.23 U	0.23 U	0.25 U
Total Cyanide	mg/kg	0.17 UB	0.6 U	0.59 U	1.2 J6	0.29 UB	0.49 UB	0.15 UB
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)			7.2 J2	7.5 J2	7 J2	8 J2	7.3 J2	7.8 J2
BTU per pound	BTU/lb							

TABLE 3-4
ANALYTICAL RESULTS - AREA F SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCF-SB07-SS01-0/6	SCF-SB07-SS01-1/2	SCF-SB07-SS01-12/14	SCF-SB08-SS01-0/6	SCF-SB08-SS01-1/2	SCF-SB78-SS01-1/2	SCF-SB08-SS01-14/16
LOCATION:		SCF-SB07	SCF-SB07	SCF-SB07	SCF-SB08	SCF-SB08	SCF-SB08	SCF-SB08
DEPTH RANGE:		0 to 0.5 feet	1 to 2 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	1 to 2 feet	14 to 16 feet
SAMPLE DATE:		05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/13/97	05/14/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample
LAB SAMPLE ID:		A7E150154015	A7E150154016	A7E150154017	A7E150154018	A7E150154019	A7E150154020	A7E190102001
EPA SAMPLE ID:		E155415	E155416	E155417	E155418	E155419	E155420	E190201
SAMPLE TYPE:		N1	N1	N1	N1	N1	FR1	N1
SDG NO:		AS07	AS07	AS07	AS07	AS07	AS07	AS08
Total CLP Metals								
Mercury	mg/kg	0.06 U	0.06 U	0.07 U	0.23	0.15	0.3	0.06 U
Arsenic	mg/kg	7.8 J5	9.3 J5	5.1 J5	10.9 J5	14.9 J5	14.3 J5	13.7
Barium	mg/kg	23.5 J1	26.4 J1	68.3	37.4 J1	74.2	81.4	27.2 J1
Cadmium	mg/kg	0.22 J1	0.23 U	0.28 U	2.4	1.9	1.8	0.44 J1
Chromium	mg/kg	11.5	12.2	25.2	33.6	29.8	35.2	12.8
Lead	mg/kg	17.8 J8	12.9 J8	22.8 J8	26.9 J8	116 J8	136 J8	19.9 J8
Selenium	mg/kg	0.88 U	0.91 U	1.1 U	0.89 U	0.9 U	0.92 U	0.94 U
Silver	mg/kg	0.22 U	0.23 U	0.28 U	0.42 J1	0.23 U	0.23 U	0.23 U
Total Cyanide	mg/kg	0.55 U	0.13 J1	0.69 U	0.08 J1	0.56 U	0.11 J1	0.59 U
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		7.7 J2	7.7 J2	7.8 J2	7.6 J2	7.6 J2	7.9 J2	7.6 J2
BTU per pound	BTU/lb							

TABL 4
ANALYTICAL RESULTS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG SB01-SS01 0/6	SCG SB01 SS01 1/2	SCG SB01-SS01 16/18	SCG SB01 SS01 16/18	SCG SB02 SS01 0/6	SCG SB02 SS01-1/2	SCG SB02 SS01 8/10
LOCATION:		SCG SB01	SCG SB01	SCG SB01	SCG SB01	SCG SB02	SCG SB02	SCG SB02
DEPTH RANGE:		0 to 0 5 feet	1 to 2 feet	16 to 18 feet	16 to 18 feet	0 to 0 5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/08/97	05/12/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120138018	A7E120138019	A7E120138020	A7E140163001	A7F040135008	A7F040135007	A7F040135009
EPA SAMPLE ID:		E123818	E123819	E123820	E146301	F043508	F043507	F043509
SAMPLE TYPE:		N1	N1	N1	FR1	N1	N1	N1
SDG NO:		AS05	AS05	AS05	AS06	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	0 06 U	0 06 U	0 06 U		0 67 J5	0 22 J5	0 06 R5
Arsenic	mg/kg	7 9	9 1	11 8		14	14 3	10
Barium	mg/kg	23 6 J1	33 9 J1	42 3 J1		68 4	114	45 J1
Cadmium	mg/kg	0 63 J1	0 42 J1	0 3 U		2 5	2 5	0 36 J1
Chromium	mg/kg	13 5 J8	14 9 J8	14 7 J8		22	18 2	22
Lead	mg/kg	17	14 9	13		335 J5	559 J5	16 8 J5
Selenium	mg/kg	0 91 U	0 93 U	1 2 U		0 94 UJ5	1 J10	1 UJ5
Silver	mg/kg	0 23 U	0 98 J1	0 3 U		0 23 U	0 24 U	0 25 U
Total Cyanide	mg/kg	0 1 J10	0 58 U	0 76 U		0 99 UB	0 88 UB	0 82 UJ10
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		7 8 J2	7 6 J2	7 7 J2	7 6 J2	7 5 J2	7 J2	7 6 J2
BTU per pound	BTU/lb							

TABLE 3-4
ANALYTICAL RESULTS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB03-SS01-1/2	SCG-SB93-SS01-1/2	SCG-SB03-SS01-4/6	SCG-SB03-SS01-12/14	SCG-SB04-SS01-0/6	SCG-SB04-SS01-1/2	SCG-SB04-SS01-8/10
LOCATION:		SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB03	SCG-SB04	SCG-SB04	SCG-SB04
DEPTH RANGE:		1 to 2 feet	1 to 2 feet	4 to 6 feet	12 to 14 feet	0 to 0.5 feet	1 to 2 feet	8 to 10 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97	06/04/97	05/31/97	05/31/97	05/31/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050158003	A7F050158004	A7F050158001	A7F050158002	A7F040135012	A7F040135010	A7F040135011
EPA SAMPLE ID:		F055803	F055804	F055801	F055802	F043512	F043510	F043511
SAMPLE TYPE:		N1	FR1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS09	AS09	AS09
Total CLP Metals								
Mercury	mg/kg	0.07 J5	0.14 J5	0.06 R5	0.06 R5	0.05 R5	0.05 R5	0.78 J5
Arsenic	mg/kg	3.7	3	6	10.4	5.4	6.4	86.4
Barium	mg/kg	29.6 J1	25.4 J1	60.9	19.3 J1	38.1 J1	32.3 J1	137
Cadmium	mg/kg	0.69 J1	0.64 J1	0.87 J1	0.3 J1	0.77 J1	0.98 J1	2
Chromium	mg/kg	8.1	8.8	16.1	9.5	9.9	9.8	24.8
Lead	mg/kg	34.6 J5	44.4 J5	55 J5	10.3 J5	33.5 J5	77.6 J5	157 J5
Selenium	mg/kg	0.89 UJ5	0.86 UJ5	1.1 J10	0.95 UJ5	0.86 UJ5	1.2 J5	2.3 J5
Silver	mg/kg	0.22 U	0.21 U	0.24 U	0.23 U	0.21 U	0.21 U	0.24 U
Total Cyanide	mg/kg	0.19 UB	0.15 UB	0.28 UB	0.1 UB	0.89 UB	0.53 UJ10	0.67 UB
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300.0)	ug/g							
pH (solid)		8 J2	8.1 J2	7.2 J2	7.2 J2	7.7 J2	8.2 J2	8.3 J2
BTU per pound	BTU/lb							

TABLE 4
ANALYTICAL RESULTS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG SB04 SS01 8/10	SCG SB05 SS01 1/2	SCG SB05 SS01 6/8	SCG SB05 SS01 10/12	SCG SB06 SS01 0/6	SCG SB06 SS01 1/2	SCG SB06 SS01 4/6
LOCATION:		SCG SB04	SCG SB05	SCG SB05	SCG SB05	SCG SB06	SCG SB06	SCG SB06
DEPTH RANGE:		8 to 10 feet	1 to 2 feet	6 to 8 feet	10 to 12 feet	0 to 0 5 feet	1 to 2 feet	4 to 6 feet
SAMPLE DATE:		05/31/97	05/31/97	05/31/97	05/31/97	05/13/97	05/13/97	05/13/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F040135013	A7F040135016	A7F040135015	A7F040135014	A7E150154012	A7E150154013	A7E150154014
EPA SAMPLE ID:		F043513	F043516	F043515	F043514	E155412	E155413	E155414
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS09	AS09	AS09	AS09	AS07	AS07	AS07
Total CLP Metals								
Mercury	mg/kg	0 31 J5	0 11 J5	0 13 J5	0 06 R5	0 06 U	0 06 U	0 07 U
Arsenic	mg/kg	45 6	5 4	8 9	6 8	10 6 J5	12 4 J5	11 3 J5
Barium	mg/kg	92 6	62 7	47 2	9 J1	45 3 J1	55 2	9 7 J1
Cadmium	mg/kg	2 1	0 59 J1	1 1 J1	0 07 U	0 8 J1	0 55 J1	2
Chromium	mg/kg	24 5	12 4	12 8	4 8	17 5	14	2 1 J1
Lead	mg/kg	140 J5	36 4 J5	225 J5	4 9 J5	22 3 J8	19 J8	36 8 J8
Selenium	mg/kg	2 7 J5	0 86 UJ5	0 94 UJ5	0 98 UJ5	0 91 U	0 89 U	1 1 U
Silver	mg/kg	0 24 J1	0 21 U	0 23 U	0 24 U	0 23 U	0 22 U	0 27 U
Total Cyanide	mg/kg	0 96 UB	0 24 UB	0 19 UB	0 6 UJ10	0 11 J1	0 56 U	0 21 J1
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg							
Sulfur (D2015/300 0)	ug/g							
pH (solid)		8 J2	7 8 J2	7 2 J2	7 4 J2	7 5 J2	7 7 J2	8 J2
BTU per pound	BTU/lb							

TABLE 4
ANALYTICAL RESULTS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCG-SB07-SS01-0/6	SCG-SB07-SS01-2/4	SCG-SB07-SS01-2/4	SCG-SB07-SS01-8/10	SCG-SB08-SS01-1/2	SCG-SB08-SS01-8/10	SCG-SB08-SS01-12/14
LOCATION:		SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB07	SCG-SB08	SCG-SB08	SCG-SB08
DEPTH RANGE:		0 to 0.5 feet	2 to 4 feet	2 to 4 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/03/97	06/16/97	06/04/97	06/16/97	06/16/97	06/16/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Re-Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163001	A7F050163002	A7F170129007	A7F050163003	A7F170129001	A7F170129002	A7F170129003
EPA SAMPLE ID:		F056301	F056302	F172907	F056303	F172901	F172902	F172903
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS10	AS10	AS11	AS10	AS11	AS11	AS11
Total CLP Metals								
Mercury	mg/kg	0.05 R5	0.09 J5		0.06 R5	0.15	0.06 U	0.06 U
Arsenic	mg/kg	3	5.5		3.7	21.8 J8	17 J8	11.6 J8
Barium	mg/kg	22.2 J1	45.5 J1		45.7 J1	153	29.1 J1	21.4 J1
Cadmium	mg/kg	0.32 J1	1.3		0.15 J1	0.69 J1	0.35 J1	0.4 J1
Chromium	mg/kg	6.3	11.7		15.4	213 J8	14.3 J8	12.2 J8
Lead	mg/kg	12.8 J5	41.4 J5		13.7 J5	39.7 J8	17.4 J8	19.5 J8
Selenium	mg/kg	0.85 R5	1.4 J5		1 R5	0.93 UJ5	1.1 J10	1 J10
Silver	mg/kg	0.21 U	0.25 U		0.25 U	0.23 U	0.25 U	0.22 U
Total Cyanide	mg/kg	0.08 UB	0.19 UB		0.19 UB	0.27 UB	0.63 UJ10	0.14 UB
Wet Chemistry Parameters								
Total Organic Carbon	mg/kg			16000	4000			
Sulfur (D2015/300.0)	ug/g			2070	222			
pH (solid)		7.7 J2	9.1 J2		7.3 J2	8.7 J2	7.7 J2	7.5 J2
BTU per pound	BTU/lb			1000	100			

TABL 4
ANALYTICAL RESULTS - AREA G SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCG SB09 SS01 1/2	SCG SB09 SS01 6/8	SCG SB09 SS01 8/10
	LOCATION:	SCG SB09	SCG SB09	SCG SB09
	DEPTH RANGE:	1 to 2 feet	6 to 8 feet	8 to 10 feet
	SAMPLE DATE:	06/16/97	06/16/97	06/16/97
	MATRIX:	Soil	Soil	Soil
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
	LAB SAMPLE ID:	A7F170129004	A7F170129005	A7F170129006
	EPA SAMPLE ID:	F172904	F172905	F172906
	SAMPLE TYPE:	N1	N1	N1
	SDG NO:	AS11	AS11	AS11
Total CLP Metals				
Mercury	mg/kg	0 14	0 06 U	0 07 U
Arsenic	mg/kg	8 8 J8	6 7 J8	25 0 J8
Barium	mg/kg	49 1	61 6	58 2
Cadmium	mg/kg	0 74 J1	0 26 J1	0 6 J1
Chromium	mg/kg	8 8 J8	19 3 J8	20 6 J8
Lead	mg/kg	54 2 J8	15 7 J8	21 3 J8
Selenium	mg/kg	0 93 J10	1 3 J10	2 2 J5
Silver	mg/kg	0 22 U	0 26 U	0 29 U
Total Cyanide	mg/kg	0 34 UJ5	0 65 UJ10	0 13 UB
Wet Chemistry Parameters				
Total Organic Carbon	mg/kg			
Sulfur (D2015/300 0)	ug/g			
pH (solid)		7 8 J2	7 2 J2	7 2 J2
BTU per pound	BTU/lb			

TABLE 3-4
ANALYTICAL RESULTS - BACKGROUND SOILS
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		BG1-SB01-SS01-0/2	BG1-SB01-SS01-6/8	BG1-SB01-SS01-12/14
LOCATION:		Background	Background	Background
DEPTH RANGE:		0 to 2 feet	6 to 8 feet	12 to 14 feet
SAMPLE DATE:		06/04/97	06/04/97	06/04/97
MATRIX:		Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7F050163004	A7F050163005	A7F050163006
EPA SAMPLE ID:		F056304	F056305	F056306
SAMPLE TYPE:		N1	N1	N1
SDG NO:		AS10	AS10	AS10
Total CLP Metals				
Mercury	mg/kg	0.23 J5	0.06 R5	0.06 R5
Arsenic	mg/kg	10.3	3.7	10.3
Barium	mg/kg	70.8	41.2 J1	47.8 J1
Cadmium	mg/kg	0.81 J1	0.18 J1	0.34 J1
Chromium	mg/kg	20.9	18.8	20.4
Lead	mg/kg	95.2 J5	11.2 J5	16.3 J5
Selenium	mg/kg	1 R5	1 R5	1 R5
Silver	mg/kg	0.25 U	0.24 U	0.25 U
Total Cyanide	mg/kg	0.19 UB	0.13 UB	0.1 UB
Wet Chemistry Parameters				
Total Organic Carbon	mg/kg			
Sulfur (D2015/300.0)	ug/g			
pH (solid)		7.4 J2	7.9 J2	7.6 J2
BTU per pound	BTU/lb			

TAB. 3-4
ANALYTICAL RESULTS - SEDIMENT
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

		FIELD SAMPLE ID:	C1 SD01MMSD	CU SD02	CD SD03
		LOCATION:	Inlet Location	Upstream Location	Downstream Location
		DEPTH RANGE:			
		SAMPLE DATE:	05/31/97	05/31/97	05/31/97
		MATRIX:	Sediment	Sediment	Sediment
		SAMPLE TYPE:	Field Sample	Field Sample	Field Sample
		LAB SAMPLE ID:	A7F040135002	A7F040135003	A7F040135001
		EPA SAMPLE ID:	F043502	F043503	F043501
		SAMPLE TYPE:	N1	N1	N1
		SDG NO:	AS09	AS09	AS09
Total CLP Metals					
Mercury	mg/kg		2.3 J5	0.07 J10	0.2 J5
Arsenic	mg/kg		13.9	10.4	9.9
Barium	mg/kg		254	25.7 J1	45.8 J1
Cadmium	mg/kg		18.7	0.84 J1	4.6
Chromium	mg/kg		112	17.6	46.5
Lead	mg/kg		697 J5	32.8 J5	78.3 J5
Selenium	mg/kg		5.1 J5	0.97 UJ5	1 UJ5
Silver	mg/kg		2.3 J1	0.24 U	0.9 J1
Total Cyanide	mg/kg		1.9 J10	0.23 UB	0.29 UB
Wet Chemistry Parameters					
Total Organic Carbon	mg/kg				
Sulfur (D2015/300.0)	ug/g				
pH (solid)			7.4 J2	7.8 J2	7.4 J2
BTU per pound	BTU/lb				

TAL 3-4

ANALYTICAL RESULTS - GROUNDWATER
CLP METALS/WET CHEMISTRY
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

	FIELD SAMPLE ID:	SCA-TW01-GW01	SCB-TW02-GW01	SCG-TW03-GW01	GWRB1-6/6/97	TB2-6/6/97	TB1-6/6/97
	LOCATION:	SCA-SB01	SCB-SB02	SCG-SB03			
	DEPTH RANGE:						
	SAMPLE DATE:	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97	06/06/97
	MATRIX:	Groundwater	Groundwater	Groundwater			
	SAMPLE TYPE:	Field Sample	Field Sample	Field Sample	Equipment Rinseate Blan	Trip Blank	Trip Blank
	LAB SAMPLE ID:	A7F110101001	A7F110101004	A7F110101005	A7F110101002	A7F110101003	A7F110101006
	EPA ID:	F110101	F110104	F110105	F110102	F110103	F110106
	SAMPLE TYPE:	N1	N1	N1	EB1	TB1	TB1
	SDG NO:	AS10	AS10	AS10	AS10	AS10	AS10
Total CLP Metals							
Mercury	ug/L	0.29 R5			0.1 R5		
Arsenic	ug/L	139			4.4 U		
Barium	ug/L	2200			7.2 J1		
Cadmium	ug/L	26.7			0.3 U		
Chromium	ug/L	378			1.8 U		
Lead	ug/L	1510 J5			2.2 R5		
Selenium	ug/L	18.3 J5			4.1 R5		
Silver	ug/L	1 U			1 U		
Total Cyanide	ug/L	75.9		7.8 J1	1.5 U		
Dissolved CLP Metals							
Mercury	ug/L	0.1 R5			0.1 R5		
Arsenic	ug/L	7.6 J1			4.4 U		
Barium	ug/L	780			0.6 U		
Cadmium	ug/L	0.3 U			0.3 U		
Chromium	ug/L	2 J1			1.8 U		
Lead	ug/L	2.2 R5			2.2 R5		
Selenium	ug/L	4.3 J10			4.1 R5		
Silver	ug/L	1 U			1 U		
Total Cyanide	ug/L						

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space

--	Analyte was not detected
NA	Analyte was not analyzed for in given sample
R	Unusable data due to gross violations of one or more quality control criteria.
D	Reported from diluted sample run due to calibration exceedance in the original analysis. See "J3" below.
U	The analyte was analyzed for and is not present above the level of the associated value.
UJ	The analyte was analyzed for but was not detected. The reported detection limit has been qualified due to a QC anomaly. Refer to the numerical suffixes.
UB	Analyte detected in the field or laboratory blank associated with this sample. Reported result should be considered estimated and biased high.
J	The analyte was positively identified, but the associated numerical value may be imprecise due to a quality control (QC) anomaly.
J^1	Estimated value, greater than the method detection limit (MDL) or the instrument detection limit (IDL) but less than the project reporting limit (PRL).
J^2	Sample was prepared or analyzed outside the specified holding time. The qualified result should be considered estimated and biased low.
J^3	Result exceeded the calibration range for the instrument and method and should be considered estimated.
J^4	Surrogate outliers were reported for the sample. The reported result should be considered estimated.
J^5	Accuracy and/or precision outlier reported for MS/MSD or field duplicate samples associated with the reported result. Result should be considered estimated.
J^6	Accuracy outlier reported for the Laboratory Control Sample (LCS) associated with the reported result. The reported result should be considered an estimate.
J^7	Field precision outlier reported for the field duplicate/replicate sample associated with this result. Result should be considered an estimate.
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.

TA 3-5

ANALYTICAL RESULTS - TCLP SAMPLES
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCB-SB02-SS01-1/2	SCB-SB02-SS01-4/6	SCC-SB03-SS01-1/2	SCC-SB03-SS01-8/10	SCA-SB07-SS01-1/2	SCA-SB07-SS01-8/10	SCA-SB14-SS01-1/2
LOCATION:		SCB-SB02	SCB-SB02	SCC-SB03	SCC-SB03	SCA-SB07	SCA-SB07	SCA-SB14
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	1 to 2 feet	8 to 10 feet	1 to 2 feet	8 to 10 feet	1 to 2 feet
SAMPLE DATE:		05/01/97	05/01/97	04/30/97	04/30/97	05/06/97	05/06/97	05/08/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E030107002	A7E030107001	A7E030103001	A7E030103002	A7E080152001	A7E080152002	A7E120136001
EPA ID:		E030502	E030501	E014008	E014009	E078010	E078011	E097616
SAMPLE TYPE:		N1	N1	N1	N1	N1	N1	N1
SDG NO:		AS01	AS01	AS01	AS01	AS03	AS03	AS04
TCLP Volatiles								
Benzene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.057 J2	0.025 U	0.025 U	0.025 U
Trichloroethylene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
Vinyl chloride-TCLP	mg/L	0.05 U	0.05 U	0.05 U	0.05 UJ2	0.05 U	0.05 U	0.05 U
Carbon tetrachloride-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
Chlorobenzene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
Chloroform-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
1,2-Dichloroethane-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
1,1-Dichloroethylene-TCLP	mg/L	0.07 U	0.07 U	0.07 U	0.07 UJ2	0.07 U	0.07 U	0.07 U
Methyl ethyl ketone-TCLP	mg/L	0.05 U	0.05 U	0.05 U	0.05 UJ2	0.05 U	0.05 U	0.05 U
Tetrachloroethylene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 U	0.025 U	0.025 U
Toluene-TCLP	mg/L			0.025 U				
TCLP Metals								
Arsenic-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium-TCLP	mg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium-TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Lead-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.52	0.5 U
Mercury-TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Selenium-TCLP	mg/L	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Silver-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TCLP Wet Chemistry Parameters								
Reactive Cyanide	mg/kg	230 UJ2	260 UJ2	230 UJ2	270 UJ2	230 U	270 U	240 UJ2
Reactive Sulfide	mg/kg	230 U	260 U	230 U	270 U	230 U	270 U	240 UJ2
Flashpoint	deg F							

TAL 3-6

ANALYTICAL RESULTS - TCLP SAMPLES
DATA REPORT
2800 SOUTH SACRAMENTO AVENUE SITE
CHICAGO, ILLINOIS

FIELD SAMPLE ID:		SCA SB104 SS01 1/2	SCA SB14 SS01 4/6	SCA SB15 SS01 12/14	SCD SB01 SS01 1/2	SCD SB01 SS01 12/14	SCG SB07 SS01 2/4	SCG SB07 SS01 8/10
LOCATION:		SCA SB14	SCA SB14	SCA SB15	SCD SB01	SCD SB01	SCG SB07	SCG SB07
DEPTH RANGE:		1 to 2 feet	4 to 6 feet	12 to 14 feet	1 to 2 feet	12 to 14 feet	2 to 4 feet	8 to 10 feet
SAMPLE DATE:		05/08/97	05/08/97	05/13/97	05/08/97	05/08/97	06/16/97	06/04/97
MATRIX:		Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE TYPE:		Field Duplicate	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample	Field Sample
LAB SAMPLE ID:		A7E120136003	A7E120136002	A7E160105001	A7E120136004	A7E120140001	A7F170134001	A7F100127001
EPA ID:		E097618	E097617	E155411	E097620	E123801	F172907	F056303
SAMPLE TYPE:		FR1	N1	N1	N1	N1	N1	N1
SDG NO:		AS04	AS04	AS07	AS04	AS05	AS11	AS10
TCLP Volatiles								
Benzene-TCLP	mg/L	0.025 U	0.025 U	0.044	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
Trichloroethylene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
Vinyl chloride-TCLP	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ2	0.05 UJ2	0.05 U
Carbon tetrachloride-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
Chlorobenzene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
Chloroform-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
1,2-Dichloroethane-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
1,1-Dichloroethylene-TCLP	mg/L	0.07 U	0.07 U	0.07 U	0.07 U	0.07 UJ2	0.07 UJ2	0.07 U
Methyl ethyl ketone-TCLP	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ2	0.05 UJ2	0.05 U
Tetrachloroethylene-TCLP	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ2	0.025 UJ2	0.025 U
Toluene-TCLP	mg/L						0.025 UJ2	0.025 U
TCLP Metals								
Arsenic-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium-TCLP	mg/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium-TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Lead-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Mercury-TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Selenium-TCLP	mg/L	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Silver-TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TCLP Wet Chemistry Parameters								
Reactive Cyanide	mg/kg	240 U	220 UJ2	250 UJ2	230 UJ2	250 UJ2	220 UJ2	250 UJ2
Reactive Sulfide	mg/kg	240 U	220 UJ2	250 UJ2	230 UJ2	250 UJ2	220 U	250 UJ2
Flashpoint	deg F							

NOTES:

All Field Sample IDs begin with "SSAS1-". They have been shortened here to conserve space.

--	Analyte was not detected.
NA	Analyte was not analyzed for in given sample.
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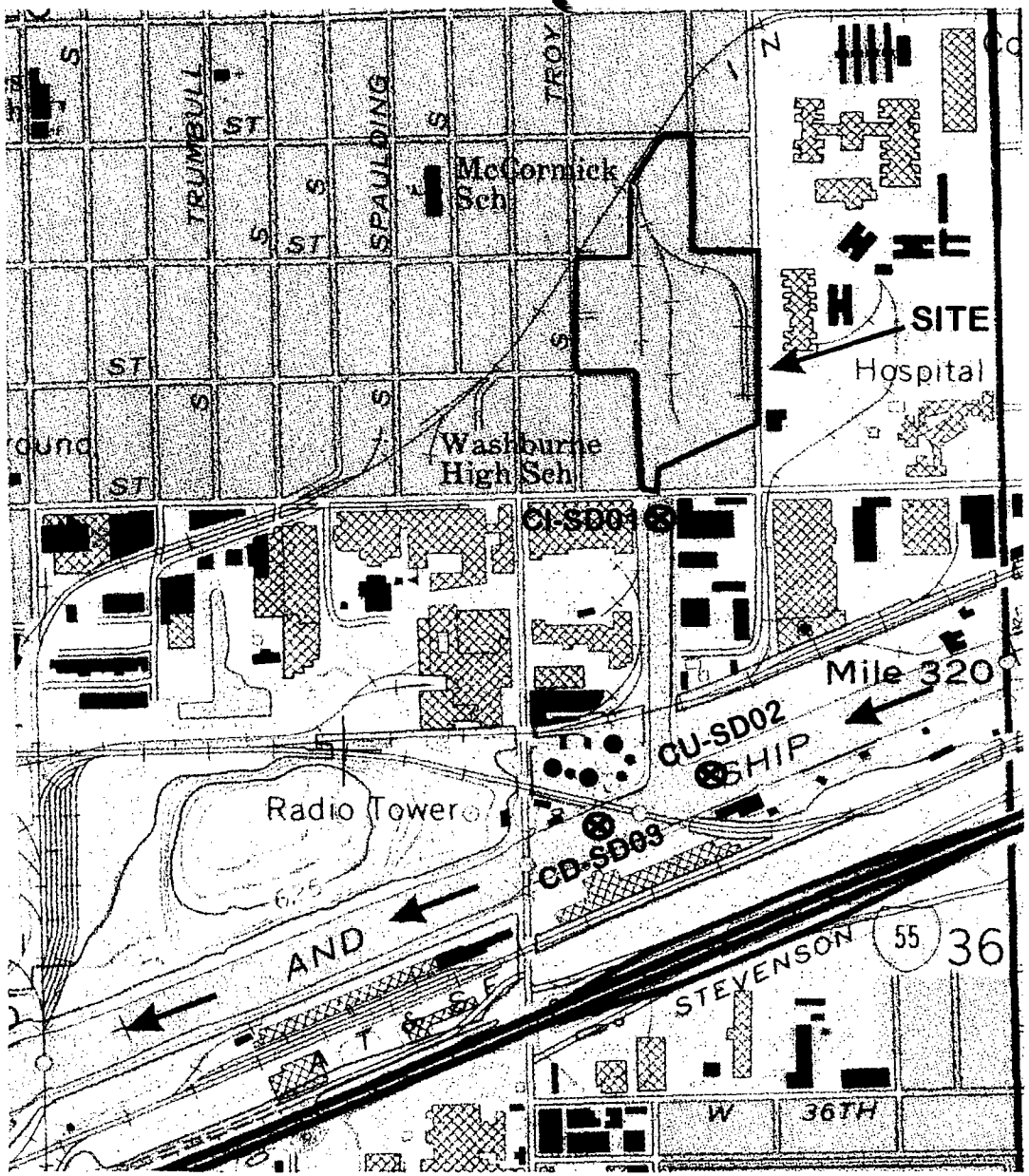
J^8	Precision outlier reported for the laboratory duplicate samples associated with this analysis. Result should be considered an estimate.
J^9	Calibration or internal standard outliers reported for this sample. Results should be considered estimated.
J^{10}	Multiple QC anomalies associated with the reported result.
J^{11}	ICP serial dilution outlier reported. Result should be considered an estimate.
J^{12}	The percent difference between the values from the confirmation and quantitation columns exceeded 25%. Result should be considered an estimate.
J^{13}	The reported result has been qualified as estimated or unusable due to matrix interferences or laboratory error.



VICINITY MAP

SOURCE: 7.5 MINUTE QUADRANGLE MAP OF ENGLEWOOD, IL. DATED 1963, PHOTOREVISED 1972 & 1980.

LEGEND

⊗ SEDIMENT SAMPLE LOCATION

1000 0 1000

SCALE IN FEET

PARSONS ENGINEERING SCIENCE, INC.

SEDIMENT SAMPLE LOCATION MAP

AlliedSignal, Inc./The Celotex Corporation

FIGURE 1

10-16-97 /samples.cdr

APPENDIX C
GEOTECHNICAL REPORT

HANSON ENGINEERS
INCORPORATED
AN EMPLOYEE-OWNED COMPANY

July 18, 1997

Ms. Mona Sutherland
Senior Project Manager
Parsons Engineering Science, Inc.
1000 Jorie Boulevard, Suite 250
Oak Brook, Illinois 60517

Re: Geotechnical Analyses of Soil Samples
Former Allied Signal/Celotex Site
Subcontract No. 730577-3059-00

Dear Ms. Sutherland:

Attached are the geotechnical laboratory test results for the Allied Signal/Celotex site in Chicago, Illinois. Note that permeability and unit weight tests could not be performed on sample SCA-5B08-1 due to its disturbed condition. The specified laboratory tests were performed on all of the other samples submitted for testing.

Please call if you have any questions or need additional information.

Very truly yours,

HANSON ENGINEERS INCORPORATED

for John R. Jenkins, P.E.
Senior Associate

1525 South Sixth Street • Springfield, Illinois 62703-2886 • 217/788-2450 • Fax: 217/788-2503

Corporate Office: Springfield, Illinois
Peoria, Illinois • Rockford, Illinois • La Grange, Illinois • Kansas City, Missouri
Herndon, Virginia • Pleasanton, California • Atlanta, Georgia

PRINTED ON RECYCLED PAPER

HANSON ENGINEERS INCORPORATED

SUMMARY OF TEST RESULTS

PROJECT NAME: PARSONS ENGINEERING SCIENCE, INC
PROJECT NO.: 97S3022NB
INPUT BY: RIN DATE: 08/07/97
CHECKED BY: _____ DATE: _____

Boring/ Sample Number	Depth (ft)	Specific Gravity	Moisture Content (%)	Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Porosity	Average Permeability (cm/sec)
SCA-SB02-2	10.5-10.9	2.66	26.41	122.93	97.25	42.30	1.94E-08
SCA-SB08-1	0.8-1.1	2.65	COULD NOT RUN TEST - SAMPLE WAS BROKEN.				
SCA-SB13-3	1.4-1.9	2.67	11.82	136.97	122.49	27.33	3.34E-06
SCA-SB15-2	12.0-12.8	2.62	15.38	121.59	105.39	37.01	3.07E-08
SCA-SB15-2	16.5-17.0	2.68	20.65	131.87	109.30	35.15	1.36E-07
SCB-SB01-1	5.0-5.5	2.31	30.76	97.99	74.94	54.70	9.20E-05
SCC-SB02-2	3.3-3.9	2.34	18.50	110.75	93.46	44.14	4.88E-08
SCD-SB01-3	1.5-2.0	2.61	17.84	130.38	110.64	33.12	8.23E-07
SCD-SB01-2	16.5-17.0	2.75	22.32	131.58	107.57	35.70	1.13E-08
SCE-SB05-2	1.4-1.8	2.71	17.27	130.88	111.60	33.79	2.12E-08
SCF-SB02-2	2.4-3.0	2.66	11.64	136.56	122.32	27.43	5.86E-08
SCF-SB02-2	14.5-15.0	2.72	23.29	127.10	103.10	38.83	4.68E-07
SCF-SB08-1	2.2-2.8	2.38	25.27	121.11	96.68	41.56	3.19E-08
SCF-SB08-3	11.0-11.5	2.69	21.80	127.81	104.94	37.74	3.11E-07
SCF-SB08-2	18.25-18.8	2.78	20.02	131.68	109.71	35.39	2.99E-08
SCG-SB06-3	1.6-2.0	2.70	11.96	129.95	116.07	31.14	2.45E-06
SCG-SB06-2	13.1-13.7	2.56	57.84	100.59	63.73	62.19	1.81E-07
BG1-SB01-1	9.1-9.6	2.72	21.28	113.12	93.27	44.25	8.86E-08

HANSON ENGINEERS INC.

SPECIFIC GRAVITY TEST

PROJECT # 97S3022NB DATE 08/07/97

PROJECT NAME ALLIED SIGNAL BALANCE # GO9745

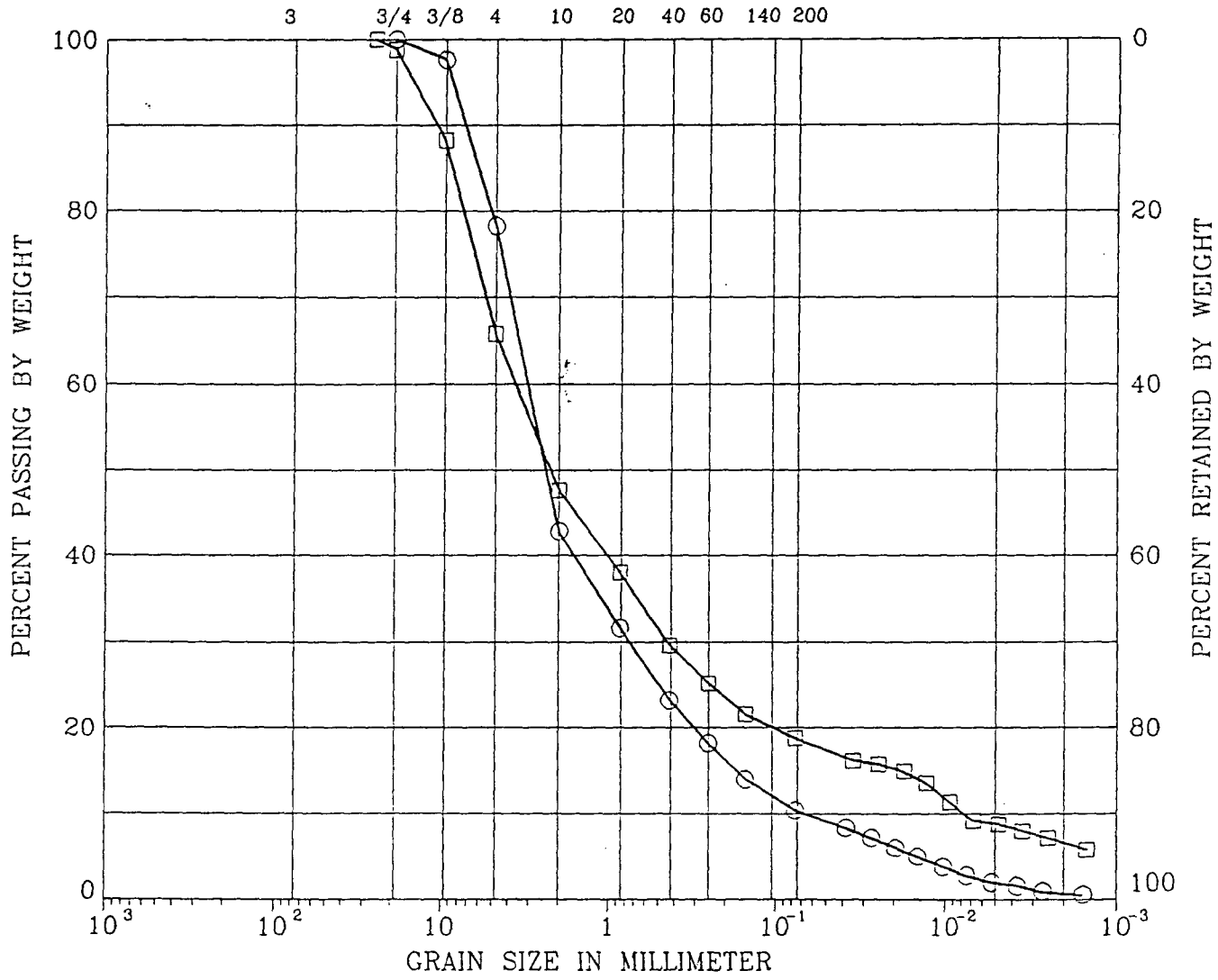
CLIENT PARSONS ENGINEERING AND SCIENCE, INC

BORING NUMBER	SCA-SB02	SCA-SB08	SCA-SB13	SCA-SB15	SCA-SB15	SCB-SB01	SCC-SB02	SCD-SB01	SCD-SB01	SCE-SB05
SAMPLE NUMBER	2	1	3	2	2	1	2	3	2	2
DEPTH (FT.)	10.5-10.9	0.8-1.1	1.4-1.9	12.0-12.8	16.5-17.0	5.0-5.5	3.3-3.9	1.5-2.0	16.5-17.0	1.4-1.8
TEMPERATURE (C)	22.3	22.3	22.3	23.8	22.3	22.2	22.1	22.0	22.4	22.2
FLASK NUMBER	15	18	23	15	8	25	21	7	3	8
WT. FLASK, WATER & SAMPLE	706.42	714.9	717.5	696.3	740.4	694.6	693.40	711.7	727.2	731.8
FLASK CALIB. FROM TABLE	666.11	665.7	665.0	665.9	700.8	666.5	665.35	681.5	684.3	700.8
TEMP. CORRECTION FROM TABLE	0.9995	0.9995	0.9995	0.9991	0.9995	0.9995	0.9996	0.9996	0.9995	0.9995
EVAPORATING DISH #	81	80.0	16.0	80.0	9.0	81.0	47	1003.0	1003.0	25.0
DRY WT. OF SAMPLE + DISH	338.49	380.5	472.1	350.3	363.9	323.4	311.37	309.4	327.9	349.1
WT. OF DISH	273.94	301.3	388.3	301.3	300.7	274.0	262.43	260.5	260.5	300.0
WT. OF DRY SOIL	64.55	79.20	83.80	48.99	63.21	49.40	48.94	48.90	67.37	49.13
SPGR	2.66	2.65	2.67	2.62	2.68	2.31	2.34	2.61	2.75	2.71

BORING NUMBER	SCF-SB02	SCF-SB02	SCF-SB08	SCF-SB08	SCF-SB08	SCG-SB06	SCG-SB06	BG1-SB01		
SAMPLE NUMBER	2	2	1	2	2	3	2	1-2		
DEPTH (FT.)	2.4-3.0	14.5-15.0	2.2-2.8	11.0-11.5	18.25-18.8	1.6-2.0	13.1-13.7	9.1-9.6		
TEMPERATURE (C)	22.4	22.30	22.00	22.30	22.20	22.20	22.3	24.50		
FLASK NUMBER	16	25.00	5.00	21.00	7.00	5.00	12	18.00		
WT. FLASK, WATER & SAMPLE	720.84	704.94	708.34	696.51	733.43	727.79	701.65	708.63	#N/A	#N/A
FLASK CALIB. FROM TABLE	666.09	666.48	680.08	665.33	681.43	680.06	667.60	665.42	#N/A	#N/A
TEMP. CORRECTION FROM TABLE	0.9995	0.9995	0.9996	0.9995	0.9995	0.9995	0.9995	0.9990	#N/A	#N/A
EVAPORATING DISH #	65.00	47.00	22.00	8.00	91.00	25.00	22.00	1003.00	#N/A	#N/A
DRY WT. OF SAMPLE + DISH	347.68	323.21	336.72	428.59	373.23	375.73	343.77	328.73	#N/A	#N/A
WT. OF DISH	260.02	262.40	287.98	378.93	292.12	299.95	287.97	260.48	#N/A	#N/A
WT. OF DRY SOIL	87.66	60.81	48.74	49.66	81.11	75.78	55.80	68.25	#N/A	#N/A
SPGR	2.66	2.72	2.38	2.69	2.78	2.70	2.56	2.72	#N/A	#N/A

UNIFIED SOIL CLASSIFICATION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	
U.S. SIEVE SIZE IN INCHES			U.S. STANDARD SIEVE No.			HYDROMETER



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
○	SCB-SB01	5.0-5.5			BLK. F. SA. SI. TO SI. F. SA. & CINDERS (ODOR).
□	SCC-SB02	3.3-3.9			MISC. SILTY FILL & COAL TAR.

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

GEOSOFT [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1	Boring SCB-SB01	Depth (ft) 5.0-5.5

Coeff. of Uniformity (Cu) =	46.3	Coeff. of Curvature (Cc) =	2.7
% Passing No. 4 Sieve (P4) =	78.2	% Passing No.200 Sieve (P200) =	10.4
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

WELL-GRADED SAND (SW)

Enter the desired soil classification : (max. 50 characters)

BLK. F. SA. SI. TO SI. F. SA. & CINDERS (ODOR).

Press [ESC] to continue ... 97S30224

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 2 Boring SCC-SB02 Depth (ft) 3.3-3.9

Coeff. of Uniformity (Cu) =	472.0	Coeff. of Curvature (Cc) =	7.0
% Passing No. 4 Sieve (P4) =	65.8	% Passing No.200 Sieve (P200) =	18.7
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

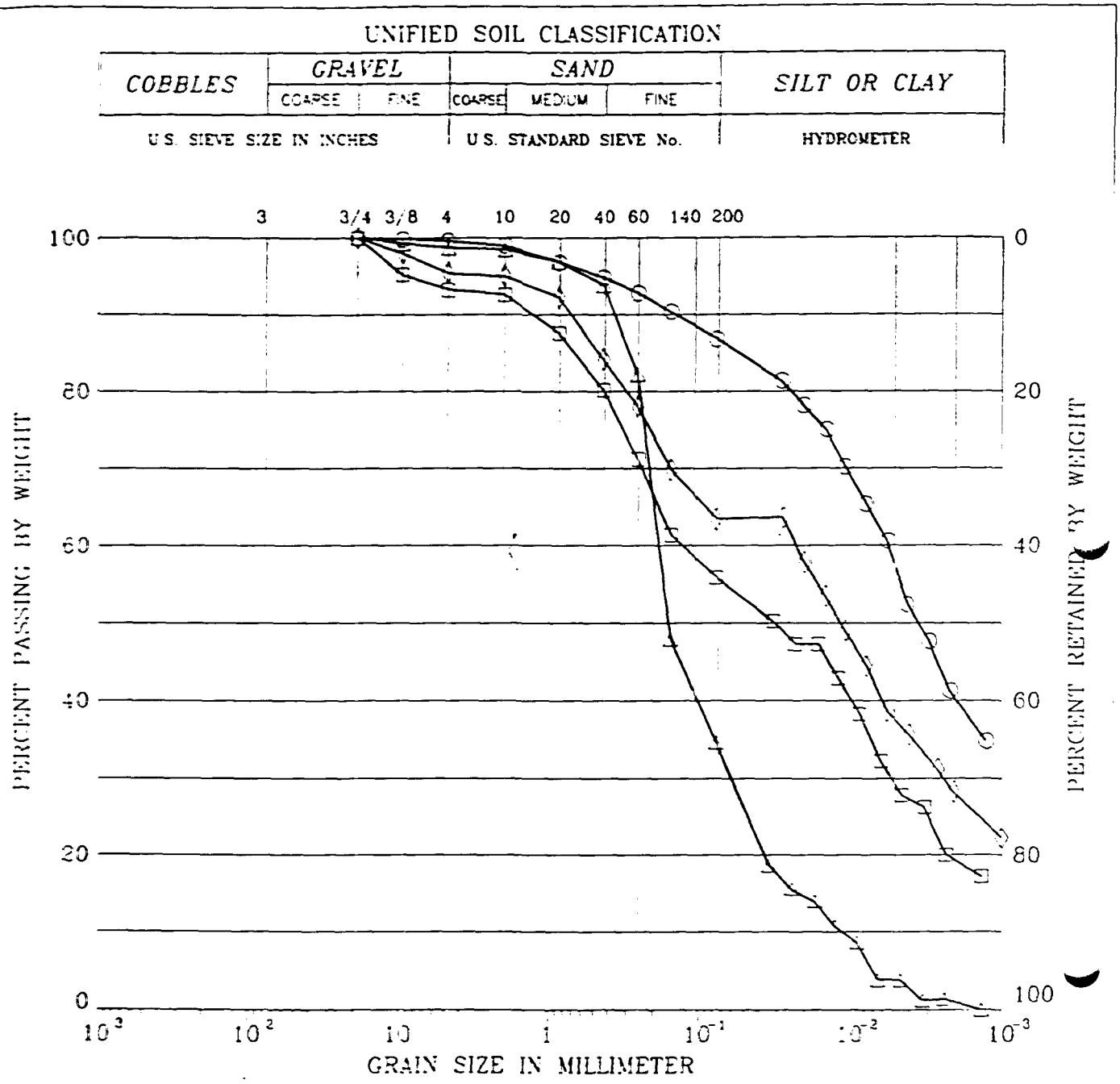
Soil classifications compatible with the input data :

SILTY SAND (SM)
SILTY,CLAYEY SAND (SM-SC)
CLAYEY SAND (SC)

Enter the desired soil classification : (max. 50 characters)

MISC. SILTY FILL & COAL TAR.

Press [ESC] to continue ... 97S30224



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
○	SCA-SB02	10.9			BRN. & GRAY V.F. SA. CL. SI. TR. C. SA. & SM. GRVL.
□	SCA-SB08	0.9-1.1			DRK. BRN. F. SA. SI. CL. / C. SA. SM. GRAVEL.
△	SCA-SB13	1.4-1.9			DRK. BRN. F. SA. SI. CL. / C. SA. SM. GRAVEL.
◇	SCA-SB15	12.9			MISC. FILL / SO. SILT & GRAVEL.

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1 Boring SCA-SB02 Depth (ft) 10.9

Coeff. of Uniformity (Cu) =	5.2	Coeff. of Curvature (Cc) =	0.3
% Passing No. 4 Sieve (P4) =	99.6	% Passing No.200 Sieve (P200) =	86.9
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

BRN. & GRAY V.F. SA. CL. SI. TR. C. SA. & SM. GRVL

Press [ESC] to continue ... 97S30226

GEOSOFT [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 2 Boring SCA-SB08 Depth (ft) 0.8-1.1

Coeff. of Uniformity (Cu) =	106.1	Coeff. of Curvature (Cc) =	0.2
% Passing No. 4 Sieve (P4) =	93.3	% Passing No.200 Sieve (P200) =	55.9
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

DRK. BRN. F. SA. SI. CL. / C. SA. SM. GRAVEL.

Press [ESC] to continue ... 97S30226

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 3 Boring SCA-SB13 Depth (ft) 1.4-1.9

Coeff. of Uniformity (Cu) =	16.0	Coeff. of Curvature (Cc) =	1.8
% Passing No. 4 Sieve (P4) =	98.7	% Passing No.200 Sieve (P200) =	34.6
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

SILTY SAND (SM)
SILTY,CLAYEY SAND (SM-SC)
CLAYEY SAND (SC)

Enter the desired soil classification : (max. 50 characters)

DRK. BRN. F. SA. SI. CL. / C. SA. SM. GRAVEL.

Press [ESC] to continue ... 97S30226

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 4	Boring SCA-SB15	Depth (ft) 12.8

Coeff. of Uniformity (Cu) =	20.9	Coeff. of Curvature (Cc) =	0.3
% Passing No. 4 Sieve (P4) =	95.4	% Passing No.200 Sieve (P200) =	63.5
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

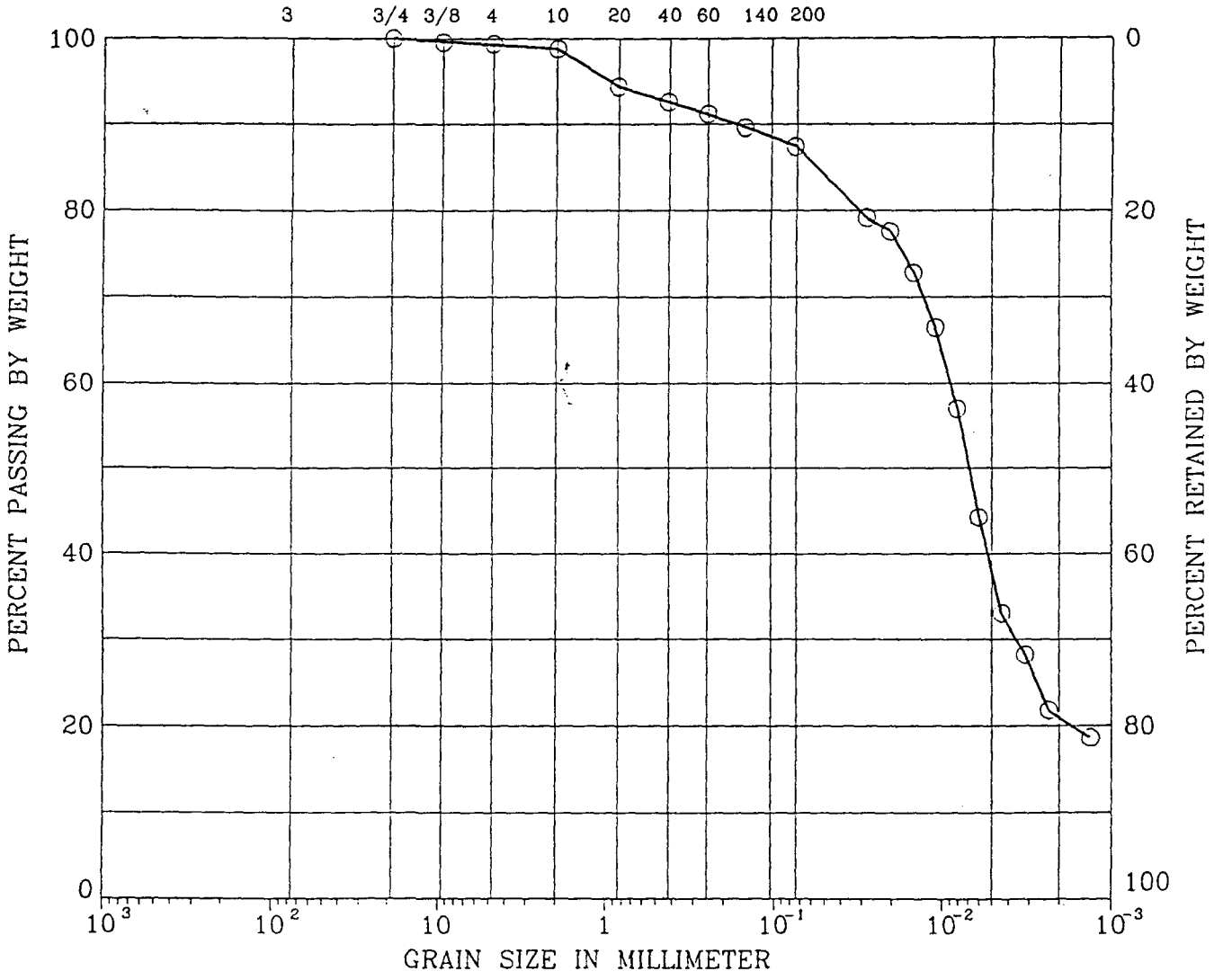
Enter the desired soil classification : (max. 50 characters)

MISC. FILL / SO. SILT & GRAVEL.

Press [ESC] to continue ... 97S30226

UNIFIED SOIL CLASSIFICATION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	
U.S. SIEVE SIZE IN INCHES			U.S. STANDARD SIEVE No.			HYDROMETER



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
O	SCA-SB15	17.0			BROWNISH GRAY SILTY CLAY (TR. SM. GRAVEL).

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1	Boring SCA-SB15	Depth (ft) 17.0

Coeff. of Uniformity (Cu) =	7.6	Coeff. of Curvature (Cc) =	1.2
% Passing No. 4 Sieve (P4) =	99.3	% Passing No.200 Sieve (P200) =	87.5
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

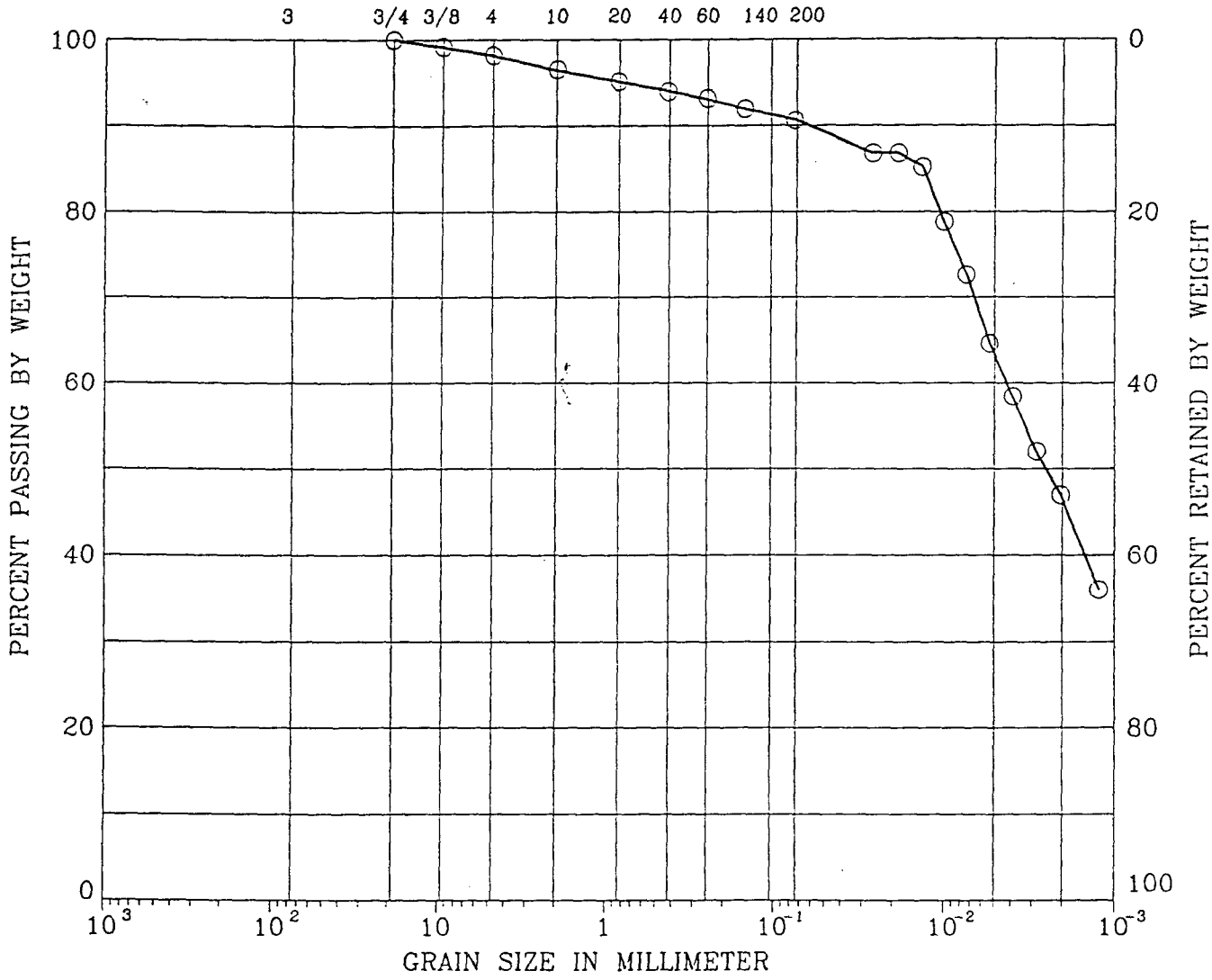
Enter the desired soil classification : (max. 50 characters)

BROWNISH GRAY SILTY CLAY (TR. SM. GRAVEL).

Press [ESC] to continue ... 97S30228

UNIFIED SOIL CLASSIFICATION

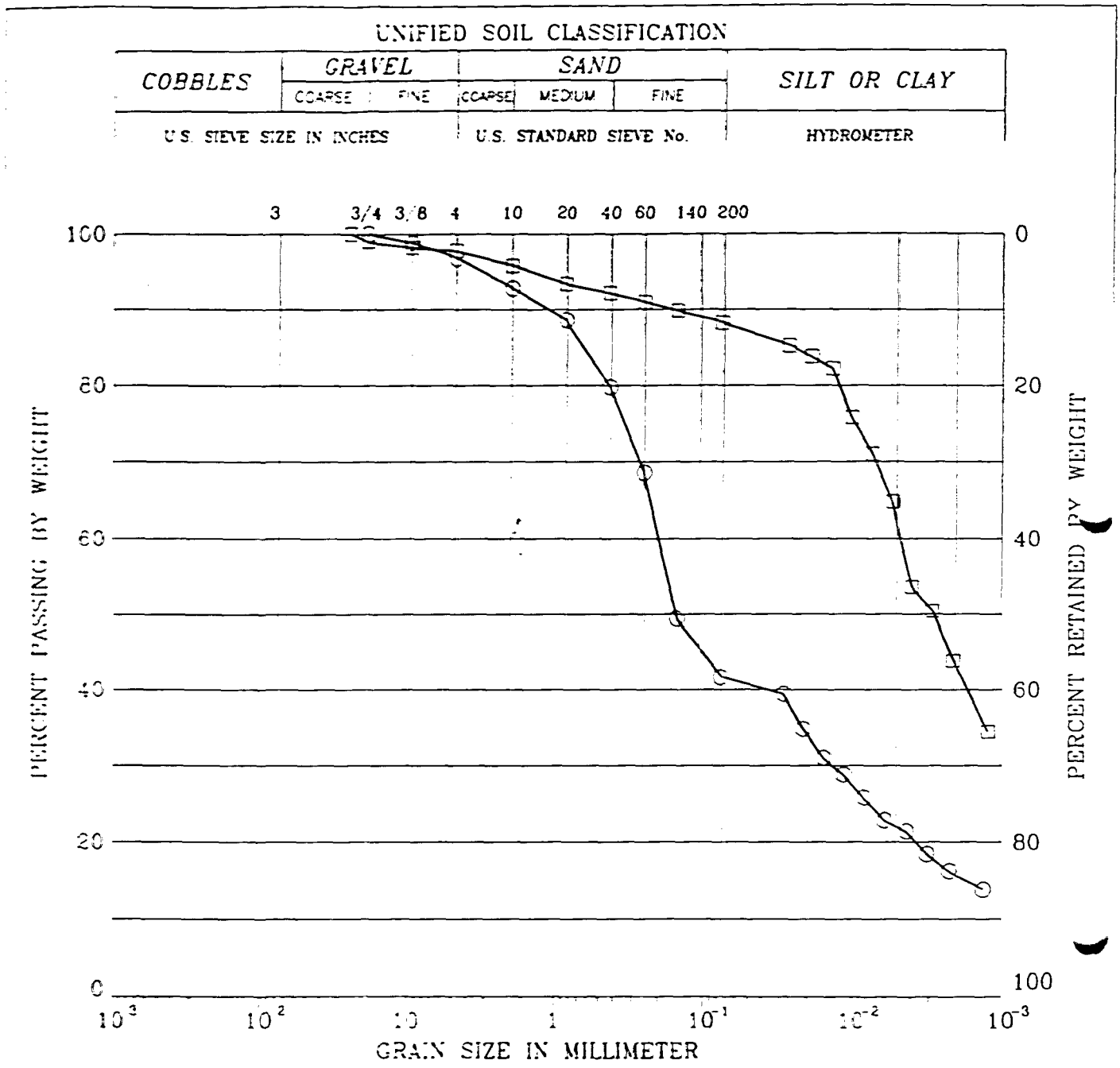
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	
U.S. SIEVE SIZE IN INCHES			U.S. STANDARD SIEVE No.			HYDROMETER



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
O	SCF-SB08	18.8			GRAY SILTY CLAY.

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
○	SCD-SB01	15-20			BRN. & DRK. BRN. F.-M. SAND & SILT (TR. CLAY).
□	SCD-SB01	16.5-17			BRN. GRAY CLAYEY SILT.

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1 Boring SCD-SB01 Depth (ft) 1.5-2.0

Coeff. of Uniformity (Cu) =	162.1	Coeff. of Curvature (Cc) =	0.8
% Passing No. 4 Sieve (P4) =	96.9	% Passing No.200 Sieve (P200) =	41.7
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

SILTY SAND (SM)
SILTY,CLAYEY SAND (SM-SC)
CLAYEY SAND (SC)

Enter the desired soil classification : (max. 50 characters)

BRN. & DRK. BRN. F.-M. SA.& SILT (TR. CLAY).

Press [ESC] to continue ... 97S30225

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 2 Boring SCD-SB01 Depth (ft) 16.5-17

Coeff. of Uniformity (Cu) =	4.5	Coeff. of Curvature (Cc) =	0.3
% Passing No. 4 Sieve (P4) =	97.7	% Passing No.200 Sieve (P200) =	88.2
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

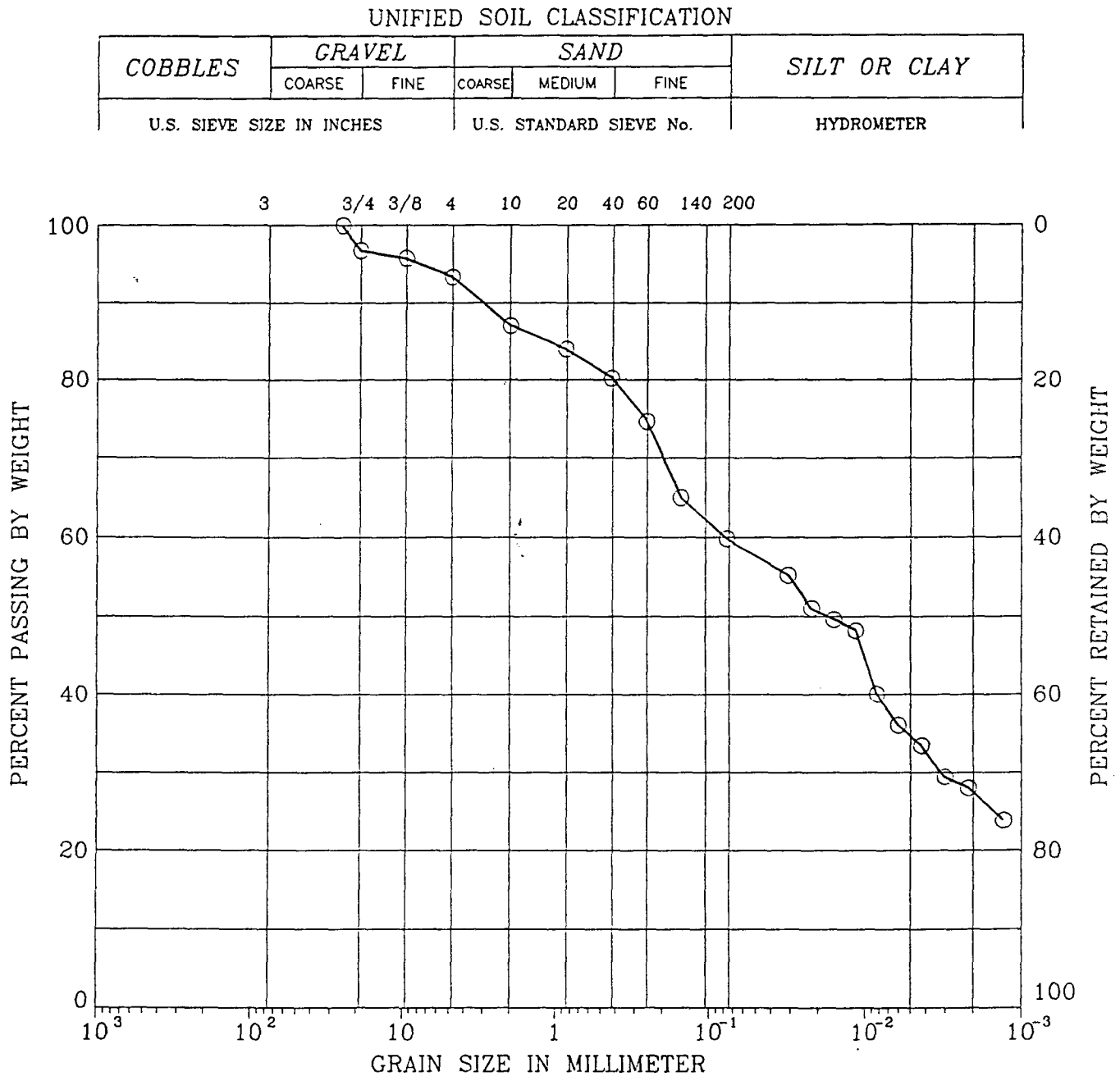
Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

BRN. GRAY CLAYEY SILT.

Press [ESC] to continue ... 97S30225



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
O	SCE-SB05	1.4-1.8			BRN. GRAY SI. CLAY / SO. C. SA. & P.O.C. F. SA. SI

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL.
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

GEOSOFT [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1	Boring SCE-SB05	Depth (ft) 1.4-1.8

Coeff. of Uniformity (Cu) =	70.0	Coeff. of Curvature (Cc) =	0.1
% Passing No. 4 Sieve (P4) =	93.4	% Passing No.200 Sieve (P200) =	59.7
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

BRN. GRAY SI. CLAY / SO. C. SA. & P.O.C. F. SA. SI

Press [ESC] to continue ... 97S3022

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1 Boring SCF-SB08 Depth (ft) 18.8

Coeff. of Uniformity (Cu) =	4.0	Coeff. of Curvature (Cc) =	0.3
% Passing No. 4 Sieve (P4) =	98.2	% Passing No.200 Sieve (P200) =	90.7
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

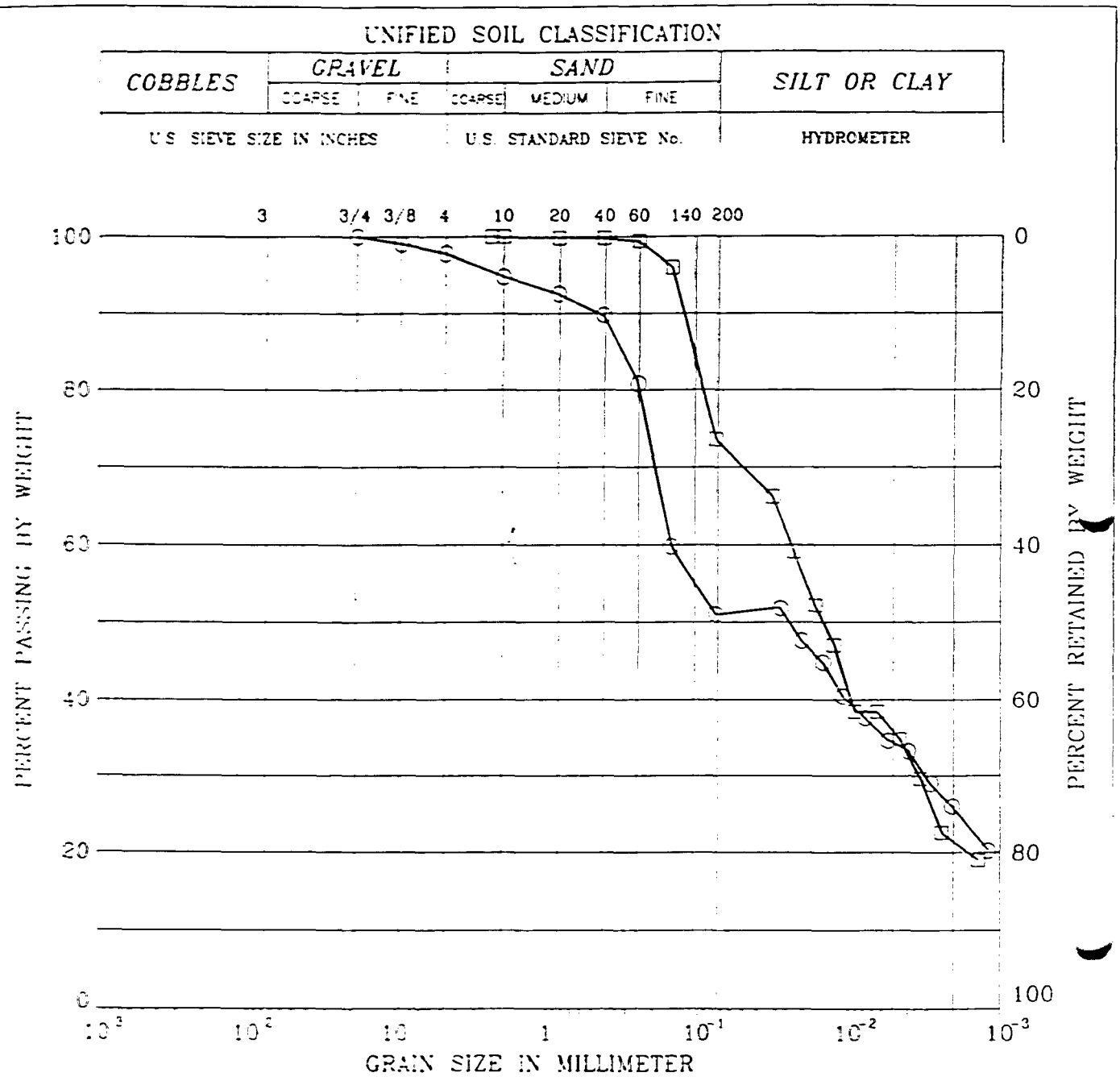
Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

GRAY SILTY CLAY.

Press [ESC] to continue ... 97S30222



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
○	SCG-SB06	16-20			DRK. BRN. & YEL. BRN. SILTY SAND.
□	SCG-SB06	13			DRK. BRN & GRAY SANDY SILT.

Remark :

Proj No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1 Boring SCG-SB06 Depth (ft) 1.6-2.0

Coeff. of Uniformity (Cu) =	133.0	Coeff. of Curvature (Cc) =	0.0
% Passing No. 4 Sieve (P4) =	97.7	% Passing No.200 Sieve (P200) =	50.9
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

DRK. BRN. & YEL. BRN. SILTY SAND.

Press [ESC] to continue ... 97S30227

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 2	Boring SCG-SB06	Depth (ft) 13.7

Coeff. of Uniformity (Cu) =	20.2	Coeff. of Curvature (Cc) =	0.4
% Passing No. 4 Sieve (P4) =	100.0	% Passing No.200 Sieve (P200) =	73.5
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

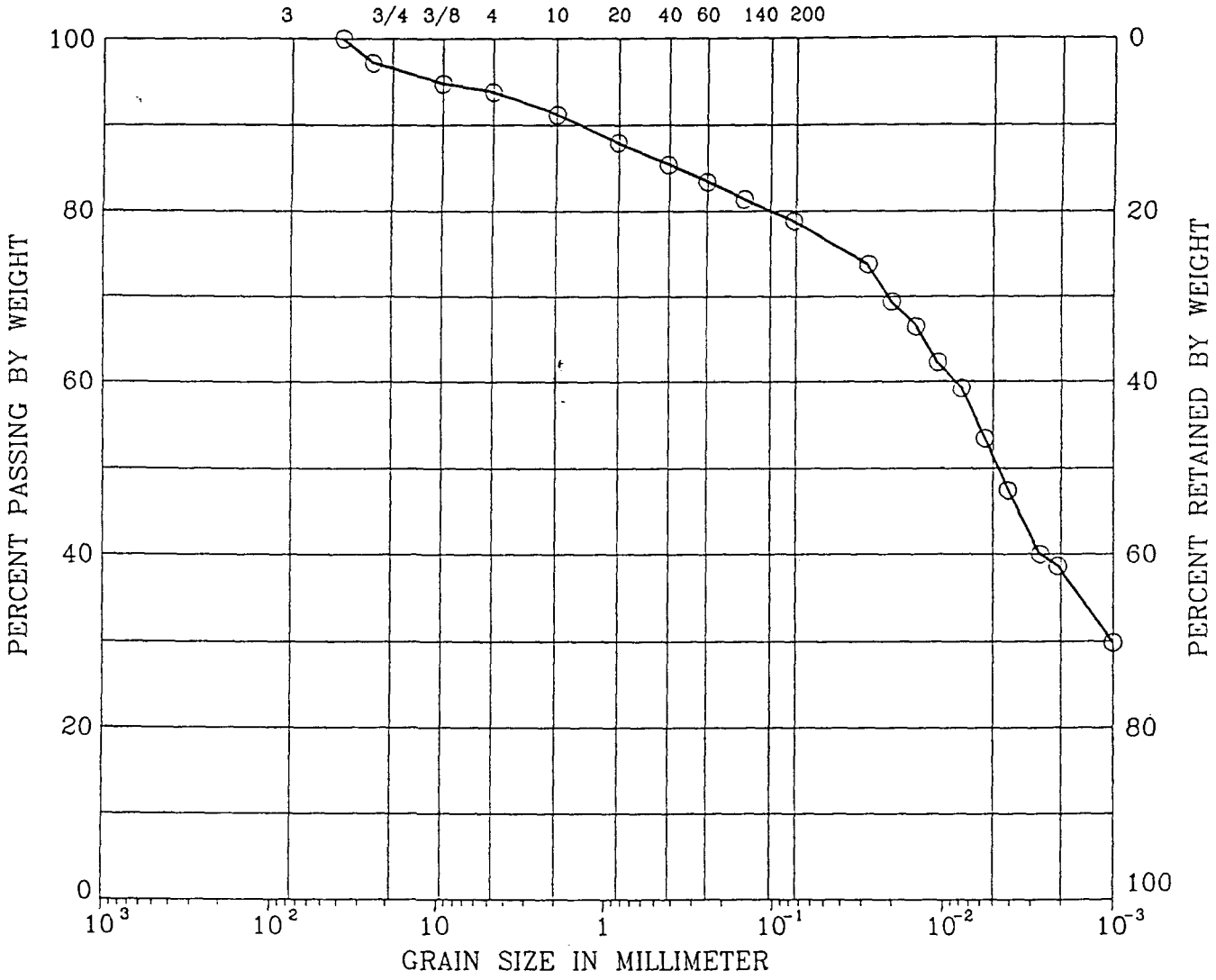
Enter the desired soil classification : (max. 50 characters)

DRK. BRN. & GRAY SANDY SILT.

Press [ESC] to continue ... 97S30227

UNIFIED SOIL CLASSIFICATION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	
U.S. SIEVE SIZE IN INCHES			U.S. STANDARD SIEVE No.			HYDROMETER



SYMBOL	BORING	DEPTH (ft)	LL (%)	PI (%)	DESCRIPTION
O	BG1-SB01	9.6-10			BRN. GRAY SI. CL. / SO. C. SA. & SM. GRAVEL.

Remark :

Proj. No.97S3022NB	PARSONS ENG. SCIENCE, INC. / ALLIED SIGNAL
Hanson Engineers Inc.	GRAIN SIZE DISTRIBUTION

G E O S O F T [R/GRAIN] SOIL CLASSIFICATION: ASTM D-2487-83

Curve No. 1	Boring BG1-SB01	Depth (ft) 9.6-10

Coeff. of Uniformity (Cu) =	8.8	Coeff. of Curvature (Cc) =	0.1
% Passing No. 4 Sieve (P4) =	93.8	% Passing No.200 Sieve (P200) =	78.7
Liquid Limit (LL) =	0.00	Plasticity Index (PI) =	0.00

Soil classifications compatible with the input data :

INORG. SILTS AND CLAYS (ML-CL)
ORGANIC SILTS (OL or OH)
INORGANIC SILTS (ML or MH)
INORGANIC CLAYS (CL or CH)

Enter the desired soil classification : (max. 50 characters)

BRN. GRAY SI. CL. / SO. C. SA. & SM. GRAVEL.

Press [ESC] to continue ... 97S30223

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	6/2/97
CLIENT:	PARSONS ENGINEERING SCIENCE, INC	BORING #:	SCA-SB02
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Brn. & gray vf. sandy clayey silt (tr. c. sand	DEPTH (FT):	10.5-10.9
	& sm. gravel).	FILE NAME:	SB02211C

SPECIMEN WEIGHT (G)	910.50
SPECIMEN HEIGHT (IN)	4.426
DIAMETER (IN)	2.849
AREA (SQ IN)	6.375
VOLUME (CU IN)	28.215
WET DENSITY (PCF)	122.93
DRY DENSITY (PCF)	97.25
WT. DRY SOIL (G)	720.29
VOLUME DRY SOIL (CU IN)	16.280
SP.GR. ASSUMED	2.70
POROSITY (%)	42.30
HEIGHT OF HEAD (PSI)	4.80
HYDRAULIC GRADIANT	30.0
1/4 PORE VOLUME	48.90

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	100.93	149.18
TARE + DRY SOIL (G)	83.10	115.08
TARE (G)	15.58	3.78
WATER (G)	17.83	34.10
DRY SOIL (G)	67.52	111.30
WATER CONTENT (%)	26.41	30.64

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	5

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS
INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER: 97S3022NH
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/17/97
BORING #: SCA-SB02
SAMPLE #: 2
DEPTH (FT): 10.5-10.9

SPECIMEN HEIGHT (IN): 4.426
DIAMETER (IN): 2.849
AREA (SQ IN): 6.375

HEIGHT OF HEAD (PSI): 4.80
PRESSURE HEAD (CM H2O): 337.52
PANEL NUMBER: 5
FILE NAME: SB022HD

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/2/97	13:38	6/3/97	6:29	9.99	9.9900	1011.00	1011.00	1.33E-07	1.33E-07
6/3/97	6:29	6/4/97	7:44	6.29	16.2800	1515.00	2526.00	5.60E-08	9.47E-08
6/4/97	7:44	6/5/97	6:56	3.70	19.9800	1392.00	3918.00	3.59E-08	7.51E-08
6/5/97	6:56	6/6/97	6:15	2.96	22.9400	1399.00	5317.00	2.86E-08	6.35E-08
6/6/97	6:15	6/6/97	16:12	1.48	24.4200	597.00	5914.00	3.35E-08	3.85E-08
6/6/97	16:12	6/9/97	7:41	6.66	31.0800	3809.00	9723.00	2.36E-08	3.04E-08
6/9/97	7:41	6/10/97	7:02	2.59	33.6700	1401.00	11124.00	2.50E-08	2.76E-08
6/10/97	7:02	6/11/97	6:34	2.22	35.8900	1412.00	12536.00	2.12E-08	2.58E-08
6/11/97	6:34	6/12/97	8:37	2.22	38.1100	1563.00	14099.00	1.92E-08	2.22E-08
6/12/97	8:37	6/13/97	6:33	2.22	40.3300	1316.00	15415.00	2.28E-08	2.20E-08
6/13/97	6:33	6/16/97	6:33	2.59	42.9200	4320.00	19735.00	8.09E-09	1.78E-08
6/16/97	6:33	6/17/97	8:13	2.22	45.1400	1540.00	21275.00	1.95E-08	1.74E-08
6/17/97	8:13	6/18/97	6:47	2.22	47.3600	1354.00	22629.00	2.21E-08	1.81E-08
6/18/97	6:47	6/19/97	6:45	2.22	49.5800	1438.00	24067.00	2.08E-08	1.76E-08
6/19/97	6:45	6/20/97	9:23	2.59	52.1700	1598.00	25665.00	2.19E-08	2.11E-08
6/20/97	9:23	6/22/97	6:27	3.70	55.8700	2704.00	28369.00	1.85E-08	2.08E-08
6/22/97	6:27	6/23/97	6:32	1.85	57.7200	1445.00	29814.00	1.73E-08	1.96E-08
6/23/97	6:32	6/24/97	7:36	2.22	59.9400	1504.00	31318.00	1.99E-08	1.94E-08
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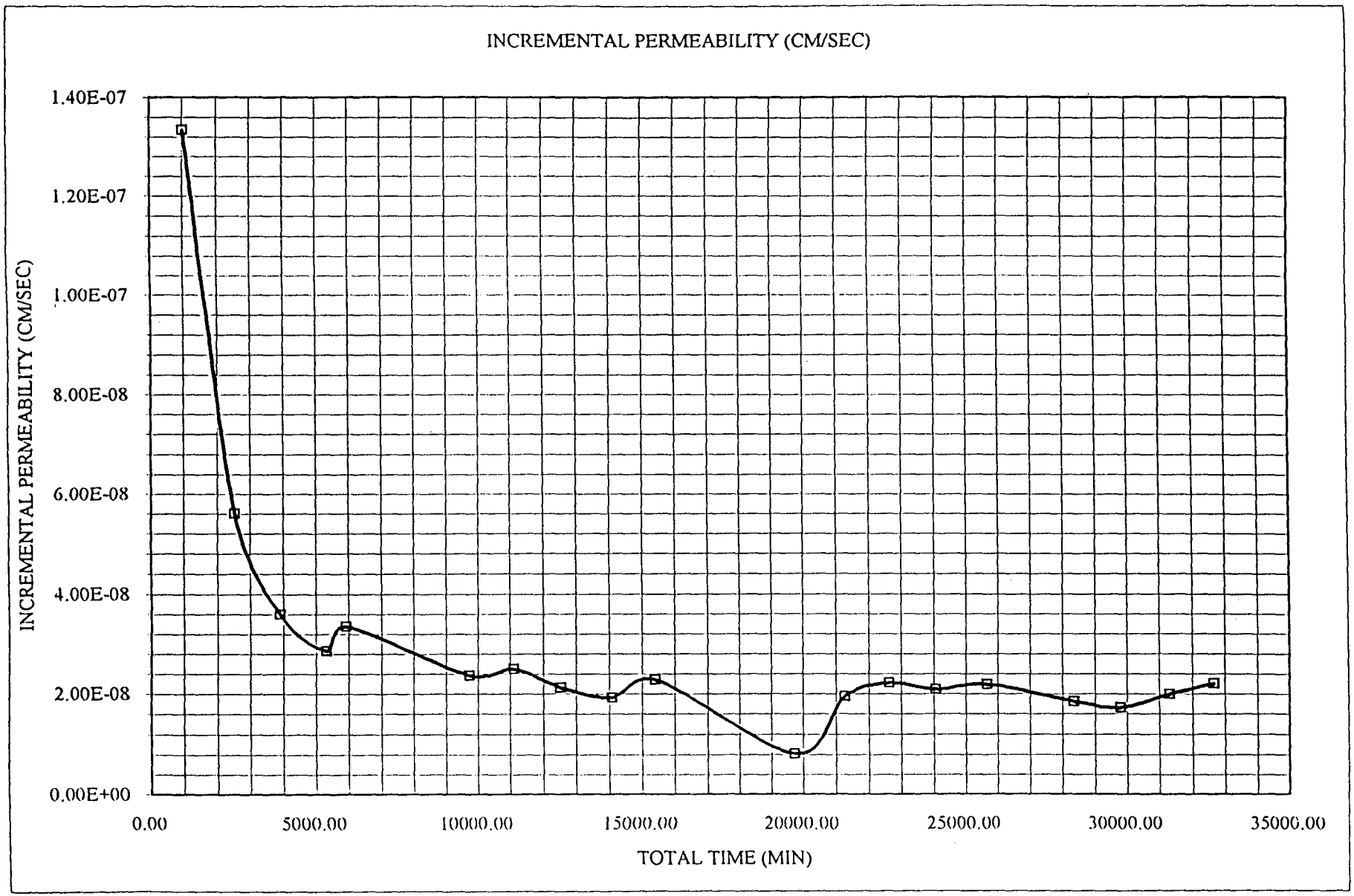

INCREMENTAL PERMEABILITY (CM/SEC)
1.40E-07
1.20E-07
1.00E-07
8.00E-08
6.00E-08
4.00E-08
2.00E-08
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
5000.00
10000.00
15000.00
20000.00
25000.00
30000.00
35000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/17/97
CLIENT:	PARSONS ENGINEERING SCIENCE INC.	BORING #:	SCA-SB13
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	3
SAMPLE DESCRIPTION:	Dk. brn. f. sandy silty clay / c. sand & sm. gravel.	DEPTH (FT):	1.4-1.9
		FILE NAME:	SB1332C

SPECIMEN WEIGHT (G)	1028.73
SPECIMEN HEIGHT (IN)	4.482
DIAMETER (IN)	2.851
AREA (SQ IN)	6.384
VOLUME (CU IN)	28.613
WET DENSITY (PCF)	136.97
DRY DENSITY (PCF)	122.49
WT. DRY SOIL (G)	919.97
VOLUME DRY SOIL (CU IN)	20.793
SP.GR ASSUMED	2.70
POROSITY (%)	27.33
HEIGHT OF HEAD (PSI)	4.80
HYDRAULIC GRADIANT	29.6
1/4 PORE VOLUME	32.04

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	57.28	249.53
TARE + DRY SOIL (G)	52.94	219.04
TARE (G)	16.23	3.70
WATER (G)	4.34	30.49
DRY SOIL (G)	36.71	215.34
WATER CONTENT (%)	11.82	14.16

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	7

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

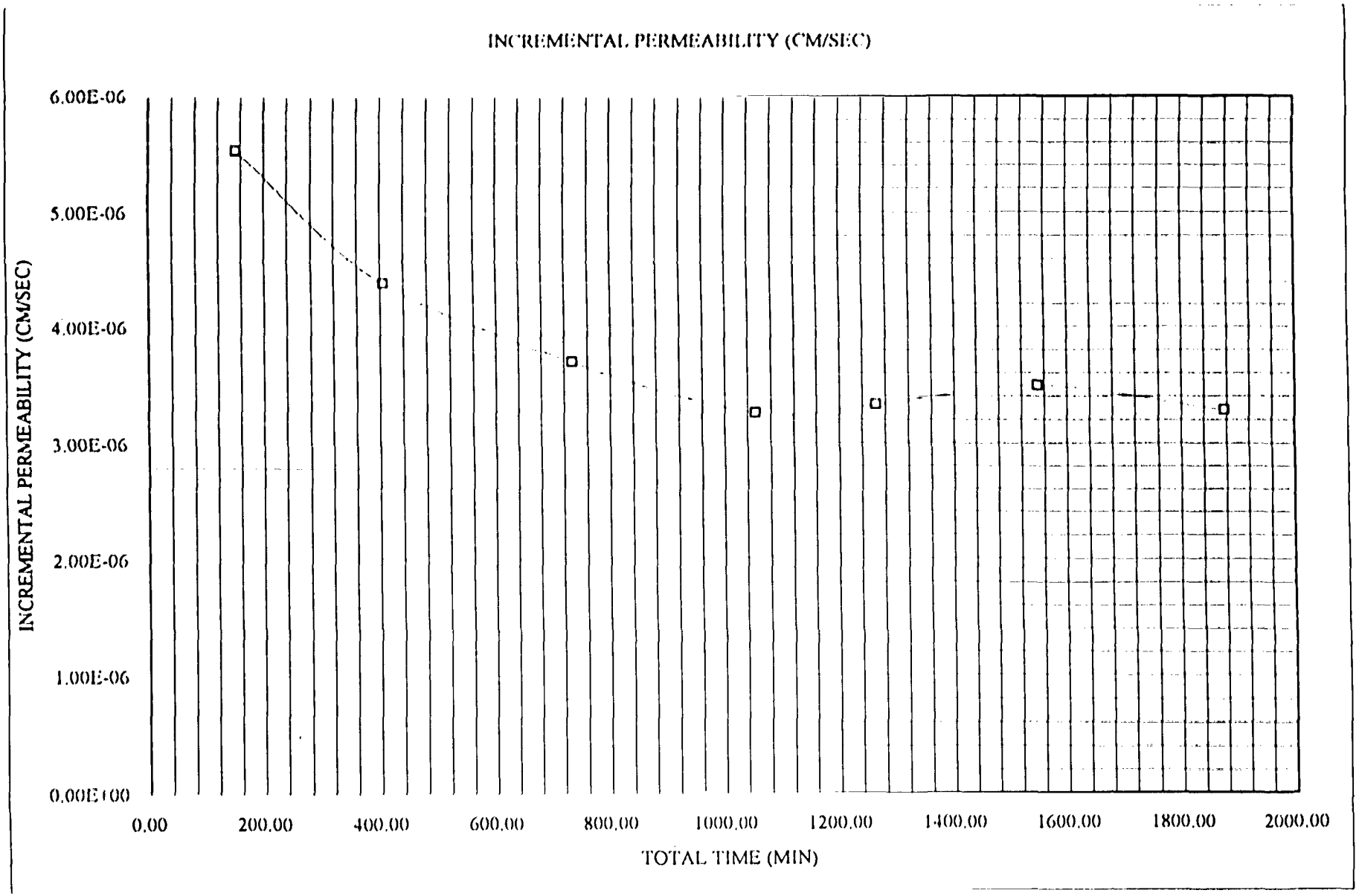
JOB NUMBER: 97S3022NB-0340
CLIENT: PARSONS
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 7/17/97
BORING #: SCA-SB13
SAMPLE #: 3
DEPTH (FT): 1.4-1.9

SPECIMEN HEIGHT (IN) 4.482
DIAMETER (IN) 2.851
AREA (SQ IN) 6.384

HEIGHT OF HEAD (PSI) 4.80
PRESSURE HEAD (CM H2O) 337.52
PANEL NUMBER 7

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
5/22/97	14:28	5/22/97	16:59	61.18	61.1800	151.00	151.00	5.53E-06	5.53E-06
5/23/97	6:11	5/23/97	10:26	82.08	143.2600	255.00	406.00	4.39E-06	4.96E-06
5/23/97	10:27	5/23/97	15:56	89.30	232.5600	329.00	735.00	3.70E-06	4.54E-06
5/27/97	8:13	5/27/97	13:32	76.38	308.9400	319.00	1054.00	3.27E-06	4.22E-06
5/27/97	13:33	5/27/97	17:03	51.30	360.2400	210.00	1264.00	3.33E-06	3.68E-06
5/28/97	6:31	5/28/97	11:16	72.96	433.2000	285.00	1549.00	3.49E-06	3.45E-06
5/28/97	11:17	5/28/97	16:44	78.66	511.8600	327.00	1876.00	3.28E-06	3.34E-06


INCREMENTAL PERMEABILITY (CM/SEC)
6.00E-06
5.00E-06
4.00E-06
3.00E-06
2.00E-06
1.00E-06
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
200.00
400.00
600.00
800.00
1000.00
1200.00
1400.00
1600.00
1800.00
2000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/17/97
CLIENT:	PARSONS ENGINEERING SCIENCE INC.	BORING #:	SCA-SB15
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Misc. fill / so. silt & gravel.	DEPTH (FT):	12.0-12.8
		FILE NAME:	SB15213C

SPECIMEN WEIGHT (G)	320.78
SPECIMEN HEIGHT (IN)	1.600
DIAMETER (IN)	2.828
AREA (SQ IN)	6.281
VOLUME (CU IN)	10.050
WET DENSITY (PCF)	121.59
DRY DENSITY (PCF)	105.39
WT. DRY SOIL (G)	278.03
VOLUME DRY SOIL (CU IN)	6.331
SP.GR. ASSUMED	2.68
POROSITY (%)	37.01
HEIGHT OF HEAD (PSI)	1.70
HYDRAULIC GRADIANT	29.4
1/4 PORE VOLUME	15.24

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	39.15	327.61
TARE + DRY SOIL (G)	36.07	274.76
TARE (G)	16.04	3.80
WATER (G)	3.08	52.85
DRY SOIL (G)	20.03	270.96
WATER CONTENT (%)	15.38	19.50

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	188.45
PANEL NUMBER	3

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS
INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

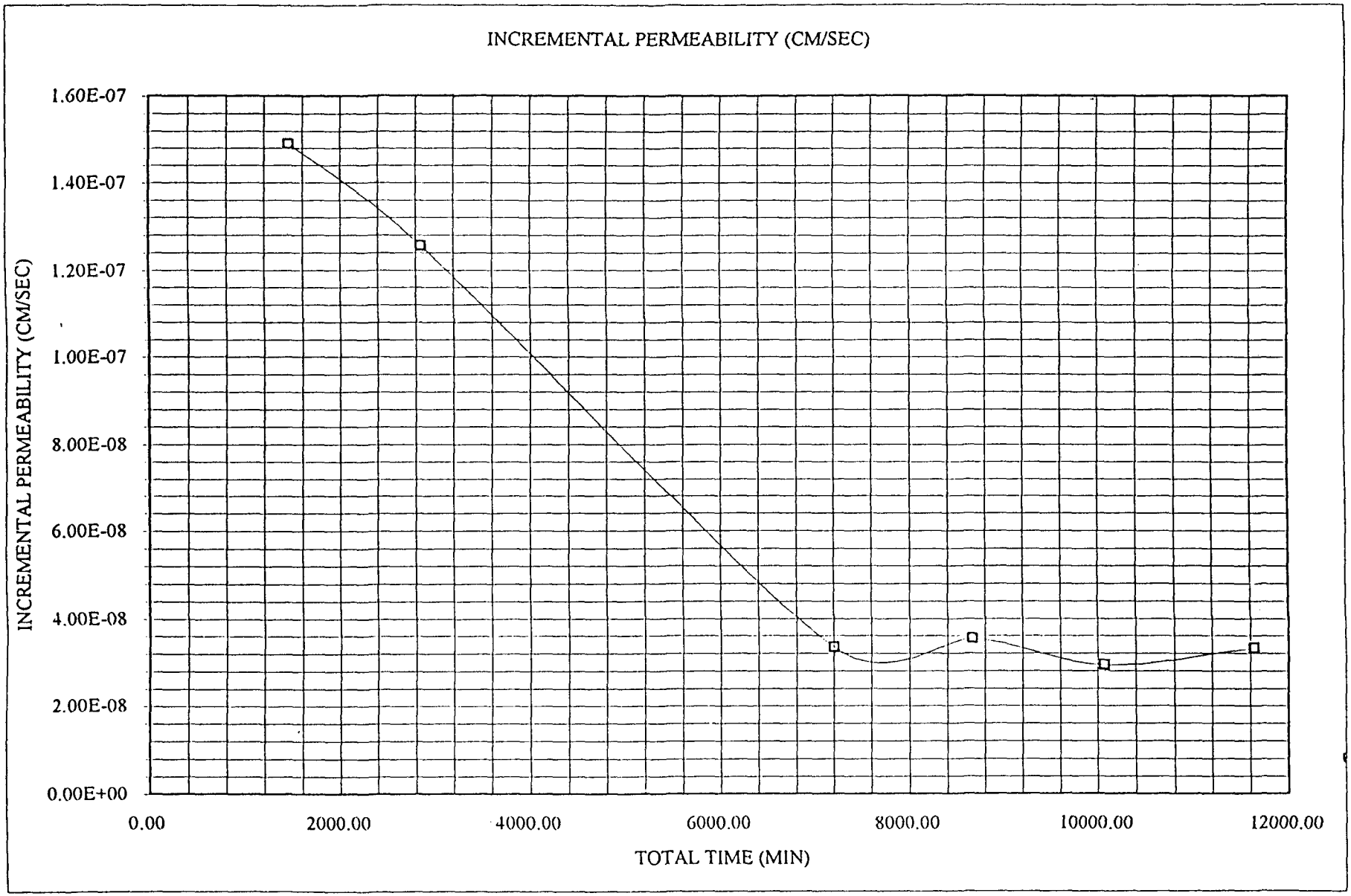
JOB NUMBER: 97S3022NU
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/15/97
BORING #: SCA-SB15
SAMPLE #: 2.00
DEPTH (FT): 12.0-12.8

SPECIMEN HEIGHT (IN): 1.600
DIAMETER (IN): 2.828
AREA (SQ IN): 6.281

HEIGHT OF HEAD (PSI): 1.70
PRESSURE HEAD (CM H2O): 119.54
PANEL NUMBER: 3
FILE NAME: SB15213D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/4/97	6:39	6/5/97	6:57	15.54	15.5400	1458.00	1458.00	1.49E-07	1.49E-07
6/5/97	6:57	6/6/97	6:18	12.58	28.1200	1401.00	2859.00	1.26E-07	1.37E-07
6/6/97	6:18	6/9/97	6:43	10.36	38.4800	4345.00	7204.00	3.33E-08	1.03E-07
6/9/97	6:43	6/10/97	7:04	3.70	42.1800	1461.00	8665.00	3.54E-08	8.58E-08
6/10/97	7:04	6/11/97	6:36	2.96	45.1400	1412.00	10077.00	2.93E-08	5.59E-08
6/11/97	6:36	6/12/97	8:38	3.70	48.8400	1562.00	11639.00	3.31E-08	3.28E-08
6/12/97	8:38	6/12/97	15:32	0.74	49.5800	414.00	12053.00	2.50E-08	3.07E-08


INCREMENTAL PERMEABILITY (CM/SEC)
1.60E-07
1.40E-07
1.20E-07
1.00E-07
8.00E-08
6.00E-08
4.00E-08
2.00E-08
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/17/97
CLIENT:	PARSONS ENGINEERING SCIENCE INC.	BORING #:	SCA-SB15
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Brownish gray silty clay.	DEPTH (FT):	16.5-17.0
		FILE NAME:	SB15217C

SPECIMEN WEIGHT (G)	1264.44
SPECIMEN HEIGHT (IN)	5.795
DIAMETER (IN)	2.833
AREA (SQ IN)	6.304
VOLUME (CU IN)	36.529
WET DENSITY (PCF)	131.87
DRY DENSITY (PCF)	109.30
WT. DRY SOIL (G)	1048.06
VOLUME DRY SOIL (CU IN)	23.688
SP.GR. ASSUMED	2.70
POROSITY (%)	35.15
HEIGHT OF HEAD (PSI)	6.20
HYDRAULIC GRADIANT	29.6
1/4 PORE VOLUME	52.61

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	63.48	482.83
TARE + DRY SOIL (G)	55.23	402.32
TARE (G)	15.27	3.70
WATER (G)	8.25	80.51
DRY SOIL (G)	39.96	398.62
WATER CONTENT (%)	20.65	20.20

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	4

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

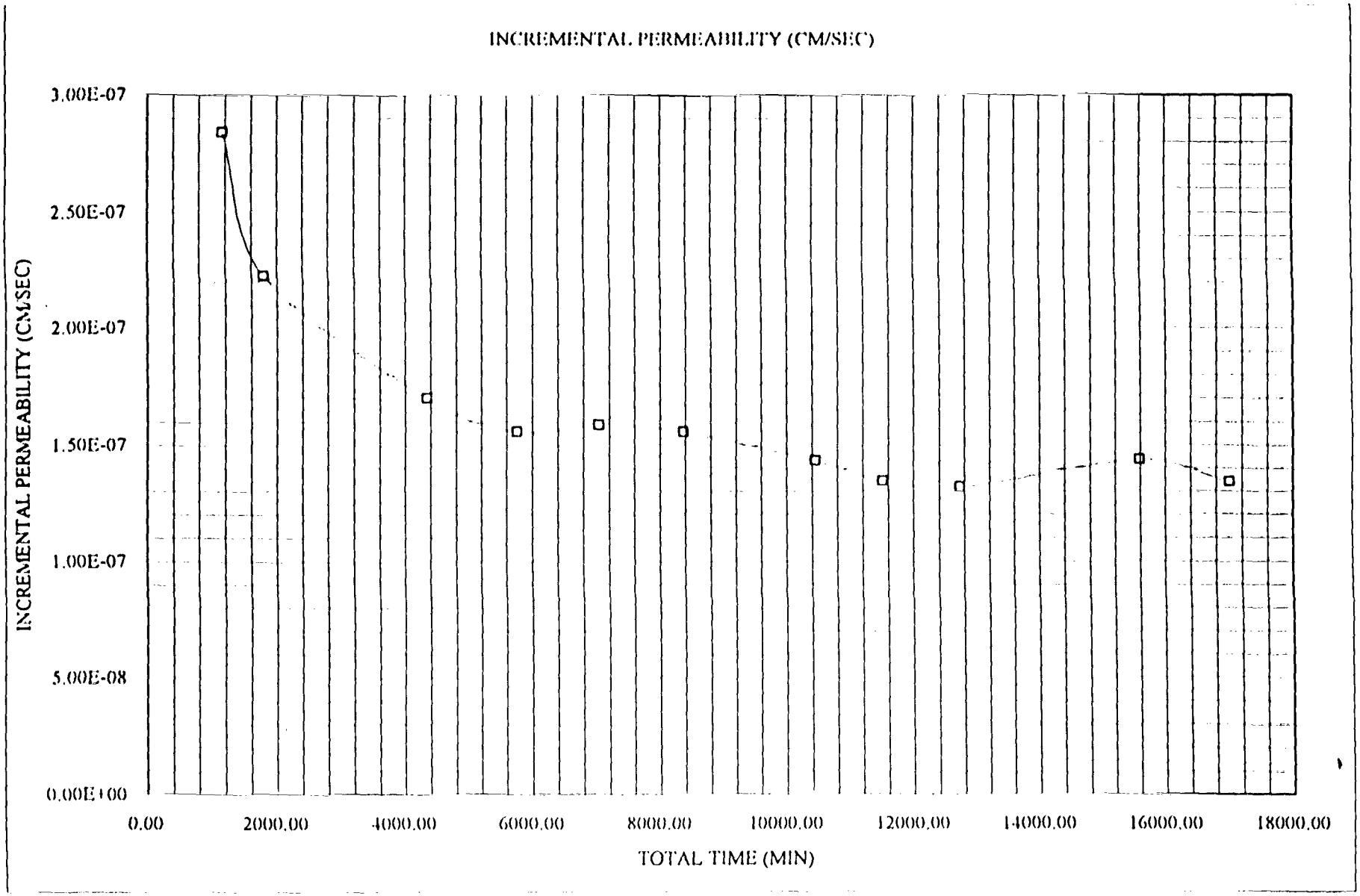
JOB NUMBER: 97S3022NB-0340
CLIENT: PARSONS
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 7/15/97
BORING #: SCA-SB15
SAMPLE #: 2
DEPTH (FT): 16.5-17.0

SPECIMEN HEIGHT (IN) 5.795
DIAMETER (IN) 2.833
AREA (SQ IN) 6.304

HEIGHT OF HEAD (PSI) 6.20
PRESSURE HEAD (CM H2O) 435.97
PANEL NUMBER 4

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
5/22/97	10:51	5/23/97	6:06	23.70	23.7000	1155.00	1155.00	2.84E-07	2.84E-07
5/23/97	6:08	5/23/97	16:49	10.32	34.0200	641.00	1796.00	2.23E-07	2.53E-07
5/23/97	16:49	5/25/97	11:23	31.39	65.4100	2554.00	4350.00	1.70E-07	2.26E-07
5/25/97	11:23	5/26/97	10:57	15.91	81.3200	1414.00	5764.00	1.56E-07	2.08E-07
5/26/97	11:01	5/27/97	8:15	14.62	95.9400	1274.00	7038.00	1.59E-07	1.77E-07
5/27/97	8:15	5/28/97	6:32	15.05	110.9900	1337.00	8375.00	1.56E-07	1.60E-07
5/28/97	6:32	5/29/97	17:10	21.50	132.4900	2078.00	10453.00	1.43E-07	1.53E-07
5/29/97	17:10	5/30/97	10:53	10.32	142.8100	1063.00	11516.00	1.34E-07	1.48E-07
5/30/97	10:53	5/31/97	7:13	11.61	154.4200	1220.00	12736.00	1.32E-07	1.41E-07
5/31/97	7:14	6/2/97	6:49	29.67	184.0900	2855.00	15591.00	1.44E-07	1.38E-07
6/2/97	6:49	6/3/97	6:28	13.76	197.8500	1419.00	17010.00	1.34E-07	1.36E-07


INCREMENTAL PERMEABILITY (CM/SEC)
3.00E-07
2.50E-07
2.00E-07
1.50E-07
1.00E-07
5.00E-08
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
14000.00
16000.00
18000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB	TEST DATE:	7/17/97
CLIENT:	PARSON'S ENGINEERING SCIENCE, INC	BORING #:	SCB-SB01
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	1
SAMPLE DESCRIPTION:	Black f. sandy silt to silty f. sand & cinders	DEPTH (FT):	5.0-5.5
	(coal tar odor).	FILE NAME:	SB0115

		WATER CONTENT OF TRIMMINGS	BEFORE TEST	AFTER TEST
SPECIMEN WEIGHT (G)	580.49			
SPECIMEN HEIGHT (IN)	3.469			
DIAMETER (IN)	2.878	TARE + WET SOIL (G)	70.11	128.84
AREA (SQ IN)	6.505	TARE + DRY SOIL (G)	57.28	97.99
VOLUME (CU IN)	22.567	TARE (G)	15.57	3.73
WET DENSITY (PCF)	97.99	WATER (G)	12.83	30.85
DRY DENSITY (PCF)	74.94	DRY SOIL (G)	41.71	94.26
WT. DRY SOIL (G)	443.94	WATER CONTENT (%)	30.76	32.73
VOLUME DRY SOIL (CU IN)	10.223			
SP.GR. ASSUMED	2.65			
POROSITY (%)	54.70	STD. MAX. DEN.(LBS/CU.FT.)		
HEIGHT OF HEAD (PSI)	3.70	OPTIMUM MOISTURE (%)		
HYDRAULIC GRADIANT	29.5	% COMPACTION	#DIV/0!	
1/4 PORE VOLUME	50.57	PRESSURE HEAD (CM H2O)	186.34	
		PANEL NUMBER	6	

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS
INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

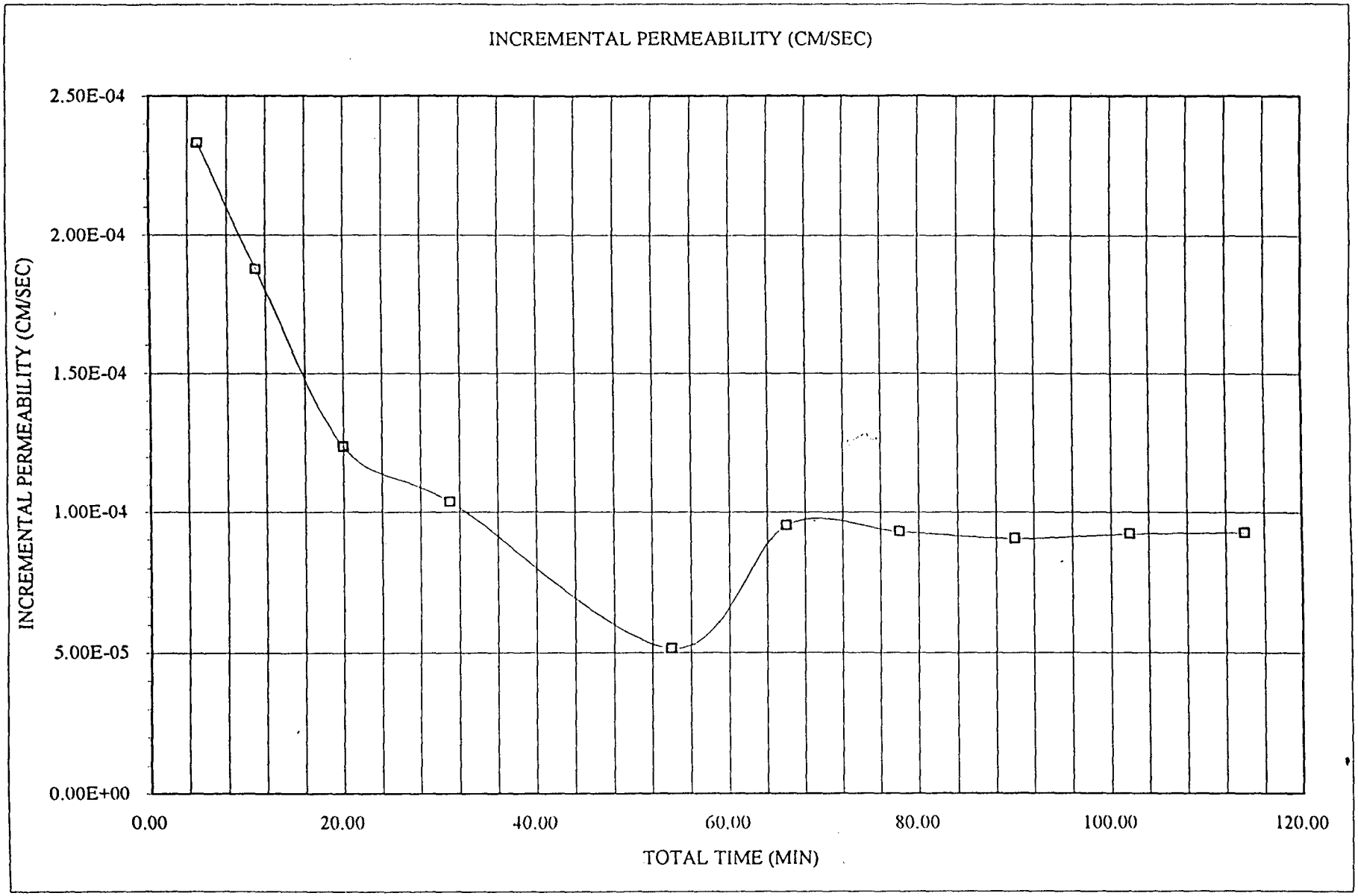
JOB NUMBER: 97S3022NH
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 6/20/97
BORING #: SCH-SB01
SAMPLE #: 1
DEPTH (FT): 5.0-5.5

SPECIMEN HEIGHT (IN): 3.469
DIAMETER (IN): 2.878
AREA (SQ IN): 6.505

HEIGHT OF HEAD (PSI): 3.70
PRESSURE HEAD (CM H2O): 260.17
PANEL NUMBER: 6
FILE NAME: SB01I6

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/20/97	15:44	6/20/97	15:49	86.58	86.5800	5.00	5.00	2.33E-04	2.33E-04
6/22/97	7:00	6/22/97	7:06	83.62	170.2000	6.00	11.00	1.87E-04	2.10E-04
6/22/97	7:07	6/22/97	7:16	82.88	253.0800	9.00	20.00	1.24E-04	1.81E-04
6/22/97	7:17	6/22/97	7:28	84.73	337.8100	11.00	31.00	1.04E-04	1.62E-04
6/22/97	7:18	6/22/97	7:41	88.06	425.8700	23.00	54.00	5.15E-05	1.17E-04
6/22/97	7:42	6/22/97	7:54	84.73	510.6000	12.00	66.00	9.50E-05	9.35E-05
6/22/97	7:55	6/22/97	8:07	82.88	593.4800	12.00	78.00	9.29E-05	8.57E-05
6/22/97	8:16	6/22/97	8:28	80.66	674.1400	12.00	90.00	9.04E-05	8.24E-05
6/22/97	8:29	6/22/97	8:41	82.14	756.2800	12.00	102.00	9.21E-05	8.76E-05
6/22/97	8:42	6/22/97	8:54	82.51	838.7900	12.00	114.00	9.25E-05	8.90E-05


INCREMENTAL PERMEABILITY (CM/SEC)
2.50E-04
2.00E-04
1.50E-04
1.00E-04
5.00E-05
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
20.00
40.00
60.00
80.00
100.00
120.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/18/97
CLIENT:	PARSONS ENGINEERING SCIENCE, INC	BORING #:	SCC-SB02
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Gray f. sandy silt / so. clay, c. sand, sm. gravel	DEPTH (FT):	3.3-3.9
	& coal tar.	FILE NAME:	SB0224

SPECIMEN WEIGHT (G)	554.50
SPECIMEN HEIGHT (IN)	2.860
DIAMETER (IN)	2.914
AREA (SQ IN)	6.669
VOLUME (CU IN)	19.074
WET DENSITY (PCF)	110.75
DRY DENSITY (PCF)	93.46
WT. DRY SOIL (G)	467.94
VOLUME DRY SOIL (CU IN)	10.655
SP.GR. ASSUMED	2.68
POROSITY (%)	44.14
HEIGHT OF HEAD (PSI)	3.10
HYDRAULIC GRADIANT	30.0
1/4 PORE VOLUME	34.49

TEST METHOD USED: IEPA

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	86.75	575.12
TARE + DRY SOIL (G)	75.68	464.00
TARE (G)	15.84	3.75
WATER (G)	11.07	111.12
DRY SOIL (G)	59.84	460.25
WATER CONTENT (%)	18.50	24.14

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	188.45
PANEL NUMBER	8

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

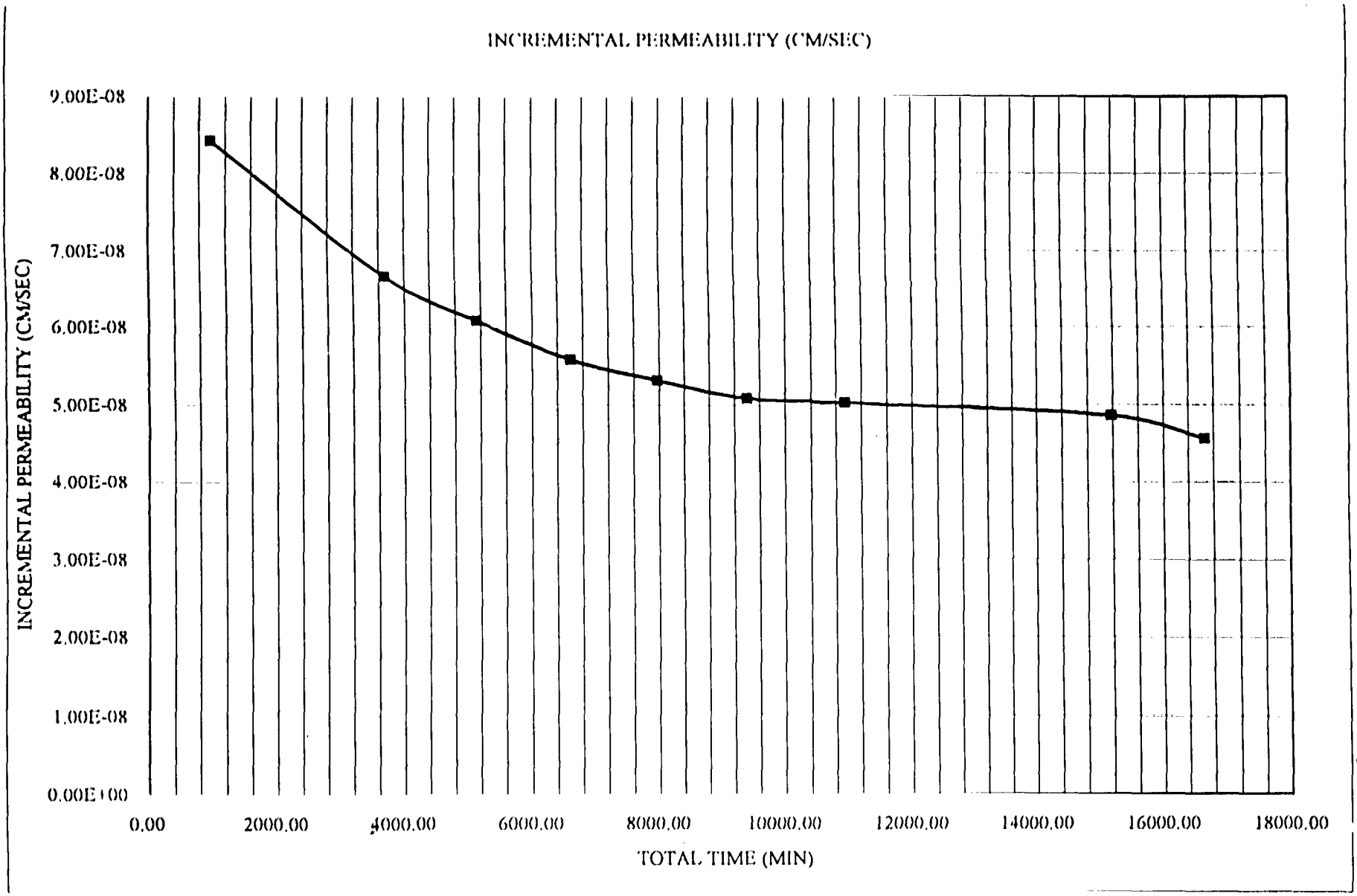
JOB NUMBER: 97S3022NB
CLIENT: PARSONS ENGINEERING SCIENCE, INC.
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/15/97
BORING #: SCC-SB02
SAMPLE #: 2
DEPTH (FT): 3.3-3.9

SPECIMEN HEIGHT (IN) 2.860
DIAMETER (IN) 2.914
AREA (SQ IN) 6.669

HEIGHT OF HEAD (PSI) 3.10
PRESSURE HEAD (CM H2O) 217.98
PANEL NUMBER 5
FILE NAME: DB0224

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/19/97	16:58	6/20/97	9:19	6.40	6.4000	981.00	981.00	8.42E-08	8.42E-08
6/20/97	9:19	6/22/97	6:28	14.00	20.4000	2709.00	3690.00	6.67E-08	7.55E-08
6/22/97	6:28	6/23/97	6:32	6.80	27.2000	1444.00	5134.00	6.08E-08	7.06E-08
6/23/97	6:56	6/24/97	7:37	6.40	33.6000	1481.00	6615.00	5.58E-08	6.69E-08
6/24/97	7:37	6/25/97	6:18	5.60	39.2000	1361.00	7976.00	5.31E-08	5.91E-08
6/25/97	6:18	6/26/97	6:02	5.60	44.8000	1424.00	9400.00	5.08E-08	5.51E-08
6/26/97	6:02	6/27/97	7:43	6.00	50.8000	1541.00	10941.00	5.03E-08	5.25E-08
6/27/97	7:43	6/30/97	6:30	16.00	66.8000	4247.00	15188.00	4.86E-08	5.07E-08
6/30/97	6:30	7/1/97	7:00	5.20	72.0000	1470.00	16658.00	4.57E-08	4.88E-08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9.00E-08
8.00E-08
7.00E-08
6.00E-08
5.00E-08
4.00E-08
3.00E-08
2.00E-08
1.00E-08
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
14000.00
16000.00
18000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	6/9/97
CLIENT:	PARSONS ENGINEERING & SCIENCE, INC	BORING #:	SCD-SB01
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	3
SAMPLE DESCRIPTION:	Brown & dark brown f.-m. sand & silt (tr. clay)	DEPTH (FT):	1.5-2.0
		FILE NAME:	SB0132C

SPECIMEN WEIGHT (G)	981.45
SPECIMEN HEIGHT (IN)	4.489
DIAMETER (IN)	2.852
AREA (SQ IN)	6.388
VOLUME (CU IN)	28.677
WET DENSITY (PCF)	130.38
DRY DENSITY (PCF)	110.64
WT. DRY SOIL (G)	832.87
VOLUME DRY SOIL (CU IN)	19.179
SP.GR. ASSUMED	2.65
POROSITY (%)	33.12
HEIGHT OF HEAD (PSI)	4.80
HYDRAULIC GRADIANT	29.6
1/4 PORE VOLUME	38.91

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	65.93	376.57
TARE + DRY SOIL (G)	58.30	317.99
TARE (G)	15.53	3.70
WATER (G)	7.63	58.58
DRY SOIL (G)	42.77	314.29
WATER CONTENT (%)	17.84	18.64

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	186.34
PANEL NUMBER	6

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS
INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

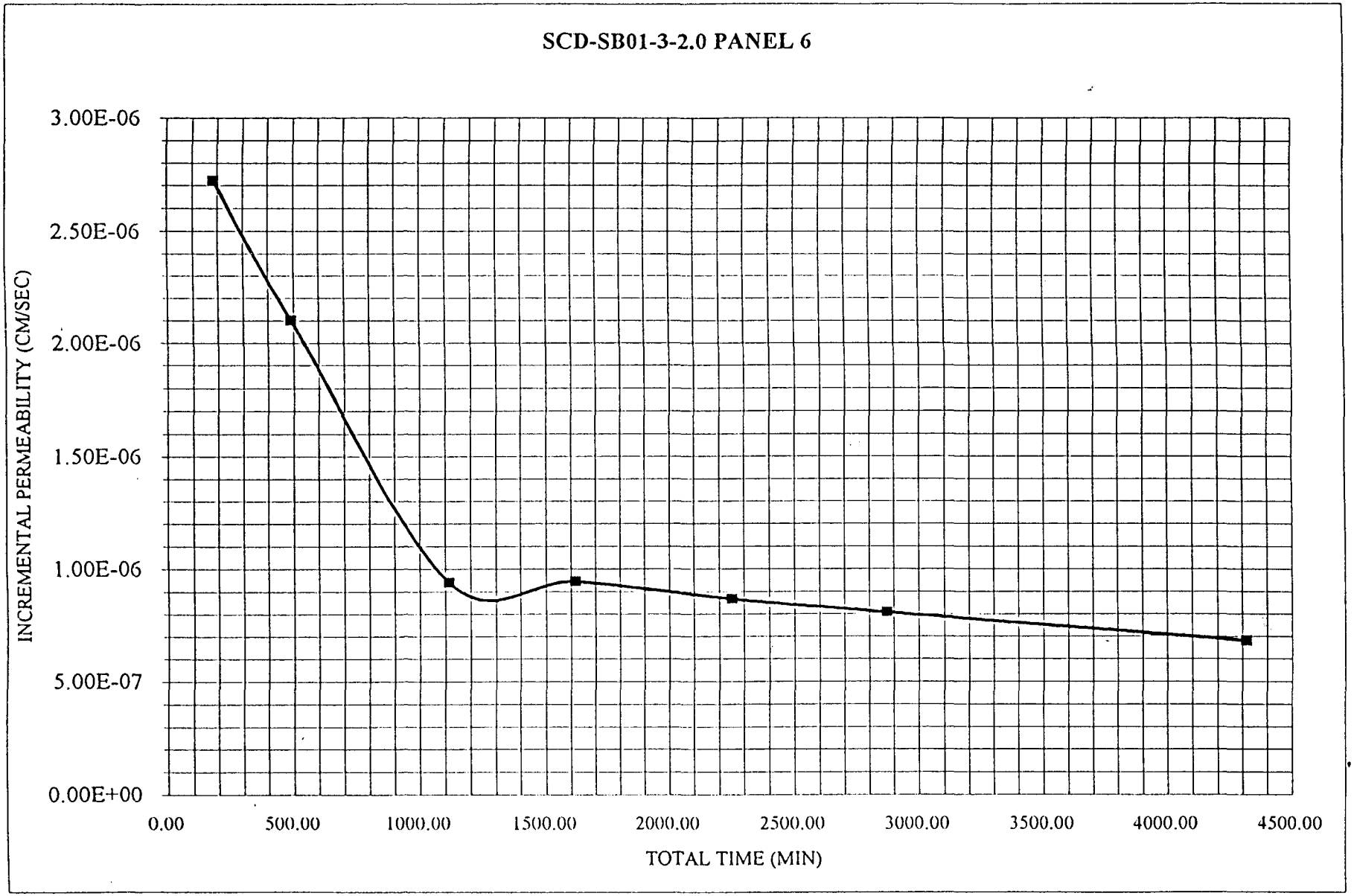
JOB NUMBER: 97S4022NH
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 6/25/97
BORING #: SCD-SB01
SAMPLE #: 3
DEPTH (FT): 15-20

SPECIMEN HEIGHT (IN): 4.389
DIAMETER (IN): 2.852
AREA (SQ IN): 6.388

HEIGHT OF HEAD (PSI): 4.80
PRESSURE HEAD (CM H2O): 337.52
PANEL NUMBER: 6
FILE NAME: SB0132D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/9/97	13:42	6/9/97	16:46	36.63	36.6300	184.00	184.00	2.72E-06	2.72E-06
6/10/97	7:00	6/10/97	12:08	47.36	83.9900	308.00	492.00	2.10E-06	2.41E-06
6/11/97	6:33	6/11/97	16:57	42.92	126.9100	624.00	1116.00	9.40E-07	1.92E-06
6/12/97	8:36	6/12/97	17:00	34.78	161.6900	504.00	1620.00	9.43E-07	1.68E-06
6/13/97	6:31	6/13/97	17:02	39.96	201.6500	631.00	2251.00	8.65E-07	1.51E-06
6/16/97	6:40	6/16/97	17:01	36.63	238.2800	621.00	2872.00	8.06E-07	1.38E-07
6/17/97	6:42	6/18/97	6:47	71.78	310.0600	1445.00	4317.00	6.79E-07	8.23E-07


SCD-SB01-3-2.0 PANEL 6
INCREMENTAL PERMEABILITY (CM/SEC)
3.00E-06
2.50E-06
2.00E-06
1.50E-06
1.00E-06
5.00E-07
0.00E+00
0.00
500.00
1000.00
1500.00
2000.00
2500.00
3000.00
3500.00
4000.00
4500.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/17/97
CLIENT:	PARSONS ENGINEERING SCIENCE INC.	BORING #:	SCD-SB01
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Brownish gray clayey silt.	DEPTH (FT):	16.5-17.0
		FILE NAME:	SB01217C

		WATER CONTENT OF TRIMMINGS	BEFORE TEST	AFTER TEST
SPECIMEN WEIGHT (G)	1271.48			
SPECIMEN HEIGHT (IN)	5.803			
DIAMETER (IN)	2.842	TARE + WET SOIL (G)	57.24	221.21
AREA (SQ IN)	6.344	TARE + DRY SOIL (G)	49.50	183.29
VOLUME (CU IN)	36.812	TARE (G)	14.82	3.70
WET DENSITY (PCF)	131.58	WATER (G)	7.74	37.92
DRY DENSITY (PCF)	107.57	DRY SOIL (G)	34.68	179.59
WT. DRY SOIL (G)	1039.48	WATER CONTENT (%)	22.32	21.11
VOLUME DRY SOIL (CU IN)	23.669			
SP GR ASSUMED	2.68			
POROSITY (%)	35.70	STD. MAX. DEN.(LBS/CU.FT.)		
HEIGHT OF HEAD (PSI)	6.20	OPTIMUM MOISTURE (%)		
HYDRAULIC GRADIANT	29.6	% COMPACTION	#DIV/0!	
1/4 PORE VOLUME	53.84	PRESSURE HEAD (CM H2O)	188.45	
		PANEL NUMBER	4	

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

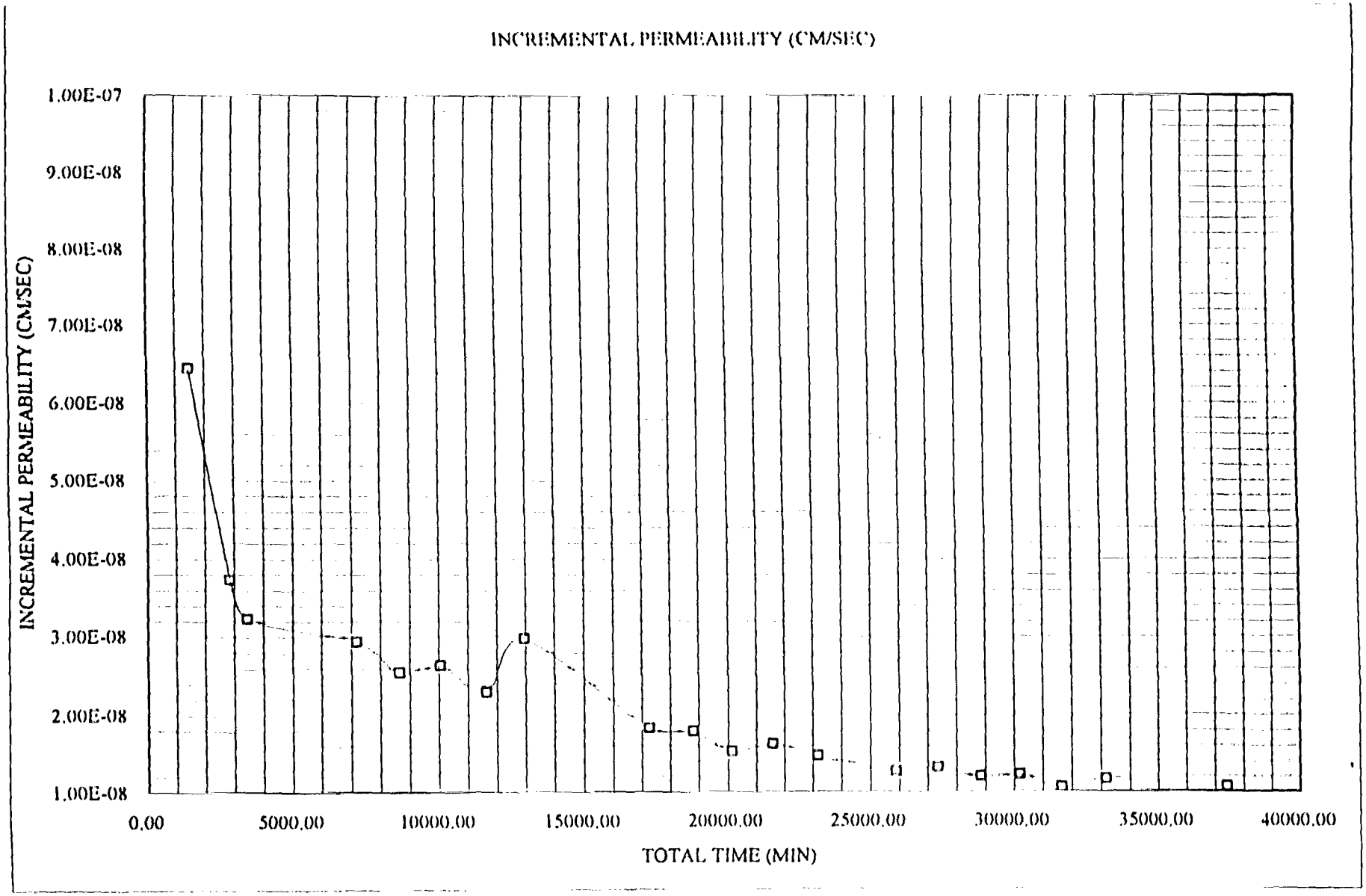
JOB NUMBER: 9753022NB
CLIENT: PARSONS ENGINEERING SCIENCE, INC.
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/17/97
BORING #: SCD-SB01
SAMPLE #: 2
DEPTH (FT): 16.5-17.0

SPECIMEN HEIGHT (IN) 5.803
DIAMETER (IN) 2.842
AREA (SQ IN) 6.344

HEIGHT OF HEAD (PSI) 6.20
PRESSURE HEAD (CM H2O) 435.97
PANEL NUMBER 4
FILE NAME: SB01217D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/4/97	6:44	6/5/97	6:58	6.80	6.8000	1454.00	1454.00	6.44E-08	6.44E-08
6/5/97	6:58	6/6/97	6:18	3.80	10.6000	1400.00	2854.00	3.74E-08	5.09E-08
6/6/97	6:18	6/6/97	16:15	1.40	12.0000	597.00	3451.00	3.23E-08	4.47E-08
6/6/97	16:16	6/9/97	6:44	8.00	20.0000	3748.00	7199.00	2.94E-08	4.09E-08
6/9/97	6:44	6/10/97	7:04	2.70	22.7000	1460.00	8659.00	2.55E-08	3.11E-08
6/10/97	7:04	6/11/97	6:36	2.70	25.4000	1412.00	10071.00	2.63E-08	2.84E-08
6/11/97	6:36	6/12/97	8:37	2.60	28.0000	1561.00	11632.00	2.29E-08	2.60E-08
6/12/97	8:37	6/13/97	7:00	2.90	30.9000	1343.00	12975.00	2.97E-08	2.61E-08
6/13/97	7:01	6/16/97	6:32	5.70	36.6000	4291.00	17266.00	1.83E-08	2.43E-08
6/16/97	6:32	6/17/97	8:14	2.00	38.6000	1542.00	18808.00	1.79E-08	2.22E-08
6/17/97	8:14	6/18/97	6:50	1.50	40.1000	1356.00	20164.00	1.52E-08	2.03E-08
6/18/97	6:50	6/19/97	6:49	1.70	41.8000	1439.00	21603.00	1.63E-08	1.69E-08
6/19/97	6:49	6/20/97	9:18	1.70	43.5000	1589.00	23192.00	1.47E-08	1.60E-08
6/20/97	9:18	6/22/97	6:27	2.50	46.0000	2709.00	25901.00	1.27E-08	1.47E-08
6/22/97	6:27	6/23/97	6:42	1.40	47.4000	1455.00	27356.00	1.32E-08	1.42E-08
6/23/97	6:42	6/24/97	7:39	1.30	48.7000	1497.00	28853.00	1.20E-08	1.32E-08
6/24/97	7:39	6/25/97	6:15	1.20	49.9000	1356.00	30209.00	1.22E-08	1.25E-08
6/25/97	6:15	6/26/97	6:04	1.10	51.0000	1429.00	31638.00	1.06E-08	1.20E-08
6/26/97	6:04	6/27/97	7:38	1.30	52.3000	1534.00	33172.00	1.17E-08	1.16E-08
6/27/97	7:39	6/30/97	6:30	3.30	55.6000	4251.00	37423.00	1.07E-08	1.13E-08


INCREMENTAL PERMEABILITY (CM/SEC)
1.00E-07
9.00E-08
8.00E-08
7.00E-08
6.00E-08
5.00E-08
4.00E-08
3.00E-08
2.00E-08
1.00E-08
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
5000.00
10000.00
15000.00
20000.00
25000.00
30000.00
35000.00
40000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB	TEST DATE:	7/17/97
CLIENT:	PARSONS ENGINEERING SCIENCE INC.	BORING #:	SCE-SB05
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Brownish gray silty clay / so. c. sand &	DEPTH (FT):	1.4-1.8
	pockets of f. sandy silt.	FILE NAME:	SB0522C

SPECIMEN WEIGHT (G)	770.52
SPECIMEN HEIGHT (IN)	3.491
DIAMETER (IN)	2.860
AREA (SQ IN)	6.424
VOLUME (CU IN)	22.427
WET DENSITY (PCF)	130.88
DRY DENSITY (PCF)	111.60
WT. DRY SOIL (G)	657.02
VOLUME DRY SOIL (CU IN)	14.850
SP.GR. ASSUMED	2.70
POROSITY (%)	33.79
HEIGHT OF HEAD (PSI)	3.70
HYDRAULIC GRADIANT	29.3
1/4 PORE VOLUME	31.04

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	78.73	159.43
TARE + DRY SOIL (G)	69.49	133.95
TARE (G)	16.00	3.75
WATER (G)	9.24	25.48
DRY SOIL (G)	53.49	130.20
WATER CONTENT (%)	17.27	19.57

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	3

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

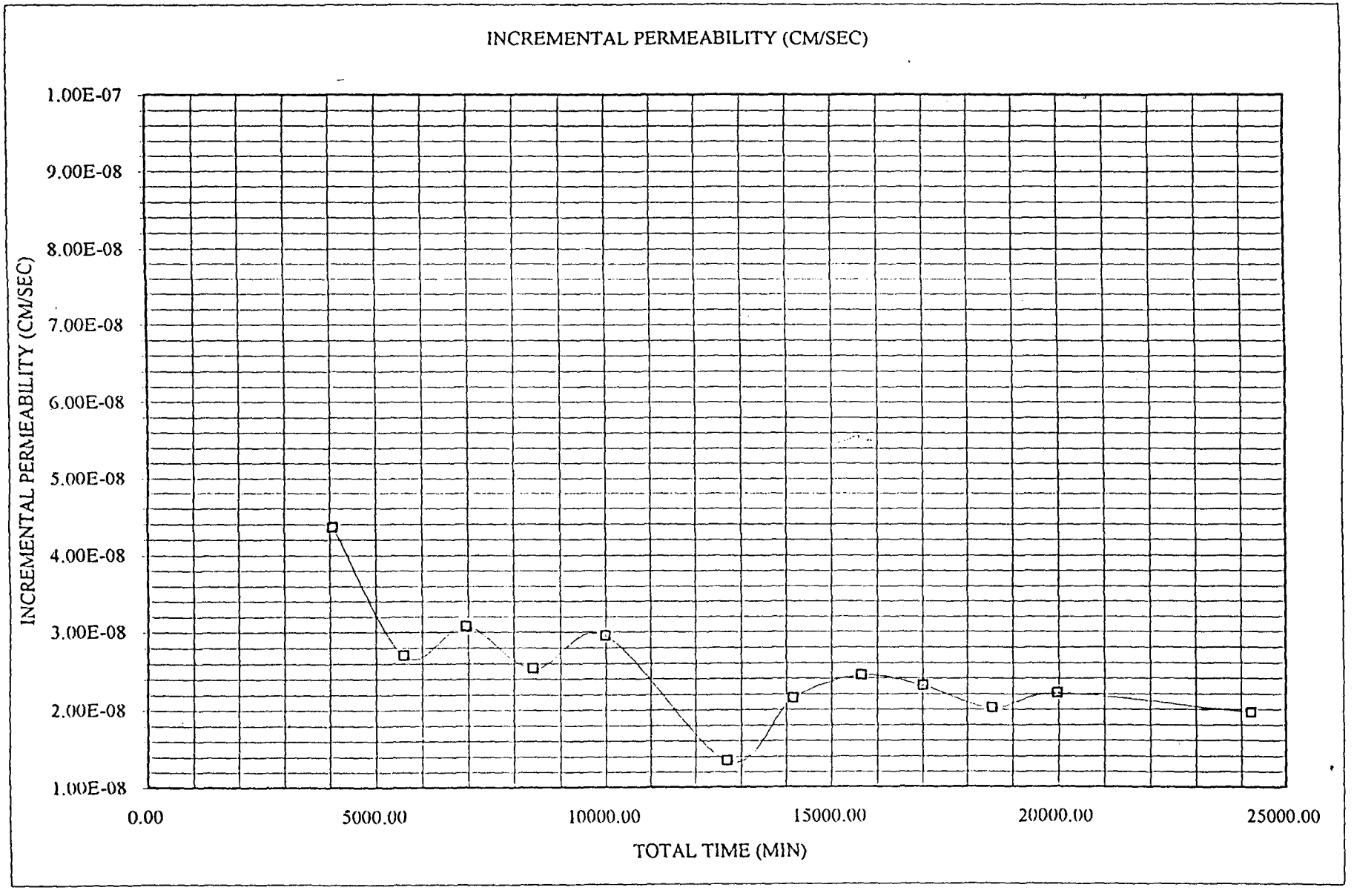
JOB NUMBER: 97S3022NH
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 6/30/97
BORING #: SCE-SB05
SAMPLE #: 2
DEPTH (FT): 14-16

SPECIMEN HEIGHT (IN): 3.491
DIAMETER (IN): 2.860
AREA (SQ IN): 6.424

HEIGHT OF HEAD (PSI): 3.70
PRESSURE HEAD (CM H2O): 260.17
PANEL NUMBER: 3
FILE NAME: SB0522

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/13/97	10:45	6/16/97	6:30	12.92	12.9200	4065.00	4065.00	4.36E-08	4.36E-08
6/16/97	6:30	6/17/97	8:14	3.04	15.9600	1544.00	5609.00	2.70E-08	3.53E-08
6/17/97	8:14	6/18/97	6:49	3.04	19.0000	1355.00	6964.00	3.07E-08	3.38E-08
6/18/97	6:49	6/19/97	6:49	2.66	21.6600	1440.00	8404.00	2.53E-08	3.17E-08
6/19/97	6:49	6/20/97	9:18	3.42	25.0800	1589.00	9993.00	2.95E-08	2.81E-08
6/20/97	9:18	6/22/97	6:26	2.66	27.7400	2708.00	12701.00	1.35E-08	2.48E-08
6/22/97	6:26	6/23/97	6:42	2.28	30.0200	1456.00	14157.00	2.15E-08	2.24E-08
6/23/97	6:42	6/24/97	7:38	2.66	32.6800	1496.00	15653.00	2.44E-08	2.22E-08
6/24/97	7:38	6/25/97	6:15	2.28	34.9600	1357.00	17010.00	2.30E-08	2.06E-08
6/25/97	6:15	6/26/97	8:04	2.28	37.2400	1549.00	18559.00	2.02E-08	2.23E-08
6/26/97	8:04	6/27/97	7:38	2.28	39.5200	1414.00	19973.00	2.21E-08	2.24E-08
6/27/97	7:38	6/30/97	6:30	6.08	45.6000	4252.00	24225.00	1.96E-08	2.17E-08


INCREMENTAL PERMEABILITY (CM/SEC)
1.00E-07
9.00E-08
8.00E-08
7.00E-08
6.00E-08
5.00E-08
4.00E-08
3.00E-08
2.00E-08
1.00E-08
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
5000.00
10000.00
15000.00
20000.00
25000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	7/18/97
CLIENT:	PARSONS ENGINEERING SCIENCES, INC	BORING #:	SCF-SB02
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Brownish gray f. sandy silty clay / sm. gravel.	DEPTH (FT):	14.5-15.0
		FILE NAME:	SB02215C

SPECIMEN WEIGHT (G)	1012.40
SPECIMEN HEIGHT (IN)	4.720
DIAMETER (IN)	2.861
AREA (SQ IN)	6.429
VOLUME (CU IN)	30.344
WET DENSITY (PCF)	127.10
DRY DENSITY (PCF)	103.10
WT. DRY SOIL (G)	821.18
VOLUME DRY SOIL (CU IN)	18.560
SP.GR ASSUMED	2.70
POROSITY (%)	38.83
HEIGHT OF HEAD (PSI)	5.10
HYDRAULIC GRADIANT	29.9
1/4 PORE VOLUME	48.28

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	57.76	175.59
TARE + DRY SOIL (G)	49.88	144.02
TARE (G)	16.04	3.75
WATER (G)	7.88	31.57
DRY SOIL (G)	33.84	140.27
WATER CONTENT (%)	23.29	22.51

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	8

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

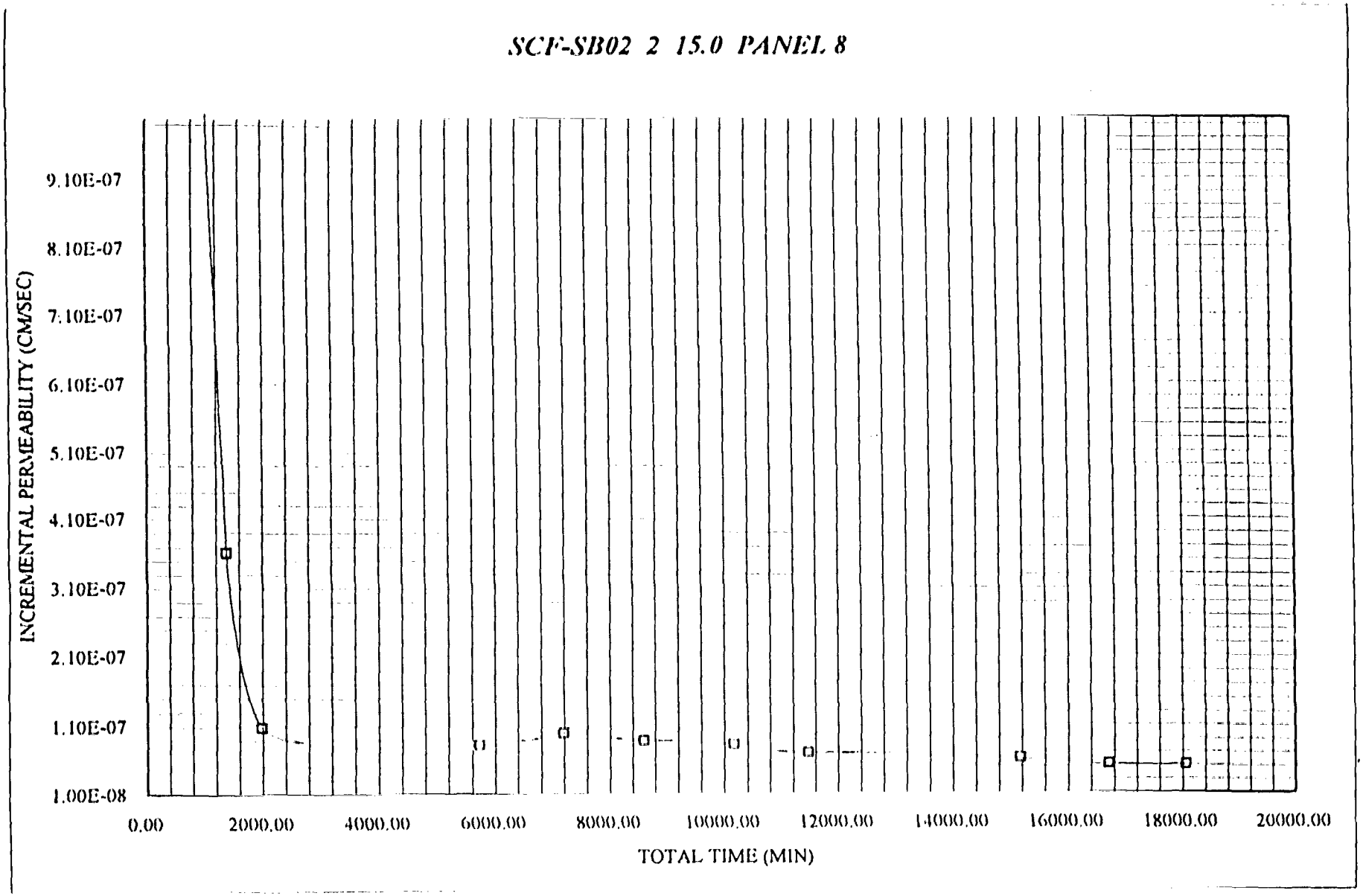
JOB NUMBER: 97S3022N3
CLIENT: PARSONS ENGINEERING SCIENCE, INC.
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/15/97
BORING #: SCF-SB02
SAMPLE #: 2
DEPTH (FT): 14.5-15

SPECIMEN HEIGHT (IN) 4.720
DIAMETER (IN) 2.861
AREA (SQ IN) 6.429

HEIGHT OF HEAD (PSI) 5.10
PRESSURE HEAD (CM H2O) 358.62
PANEL NUMBER 8
FILE NAME: SB02215D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/5/97	7:12	6/5/97	8:24	17.00	17.0000	72.00	72.00	3.17E-06	3.17E-06
6/5/97	8:25	6/6/97	6:17	35.20	52.2000	1312.00	1384.00	3.60E-07	1.77E-06
6/6/97	6:17	6/6/97	16:14	4.80	57.0000	597.00	1981.00	1.08E-07	1.21E-06
6/6/97	16:15	6/9/97	6:43	22.80	79.8000	3748.00	5729.00	8.17E-08	9.31E-07
6/9/97	6:43	6/10/97	7:03	10.80	90.6000	1460.00	7189.00	9.94E-08	1.62E-07
6/10/97	7:03	6/11/97	6:35	9.20	99.8000	1412.00	8601.00	8.75E-08	9.42E-08
6/11/97	6:35	6/12/97	8:38	9.60	109.4000	1563.00	10164.00	8.25E-08	8.78E-08
6/12/97	8:38	6/13/97	6:33	6.80	116.2000	1315.00	11479.00	6.95E-08	8.47E-08
6/13/97	17:04	6/16/97	6:34	16.80	133.0000	3690.00	15169.00	6.12E-08	7.52E-08
6/16/97	6:34	6/17/97	8:13	6.00	139.0000	1539.00	16708.00	5.24E-08	6.64E-08
6/17/97	8:13	6/18/97	6:48	5.20	144.2000	1355.00	18063.00	5.16E-08	5.86E-08


SCF-SB02 2 15.0 PANEL 8
INCREMENTAL PERMEABILITY (CM/SEC)
9.10E-07
8.10E-07
7.10E-07
6.10E-07
5.10E-07
4.10E-07
3.10E-07
2.10E-07
1.10E-07
1.00E-08
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
14000.00
16000.00
18000.00
20000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB	TEST DATE:	7/17/97
CLIENT:	PARSON'S ENGINEERING SCIENCE	BORING #:	SCF-SB08
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	1
SAMPLE DESCRIPTION:	Brn. vf.-f. sandy silt / so. clay, c. sand & sm.	DEPTH (FT):	2.2-2.8
	gravel - coal tar odor noted.	FILE NAME:	SB0813

SPECIMEN WEIGHT (G)	310.95
SPECIMEN HEIGHT (IN)	1.530
DIAMETER (IN)	2.853
AREA (SQ IN)	6.393
VOLUME (CU IN)	9.781
WET DENSITY (PCF)	121.11
DRY DENSITY (PCF)	96.68
WT. DRY SOIL (G)	248.22
VOLUME DRY SOIL (CU IN)	5.716
SP.GR. ASSUMED	2.65
POROSITY (%)	41.56
HEIGHT OF HEAD (PSI)	1.60
HYDRAULIC GRADIANT	29.0
1/4 PORE VOLUME	16.65

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	102.51	305.03
TARE + DRY SOIL (G)	82.59	261.63
TARE (G)	3.76	3.69
WATER (G)	19.92	43.40
DRY SOIL (G)	78.83	257.94
WATER CONTENT (%)	25.27	16.83

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	186.34
PANEL NUMBER	7

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

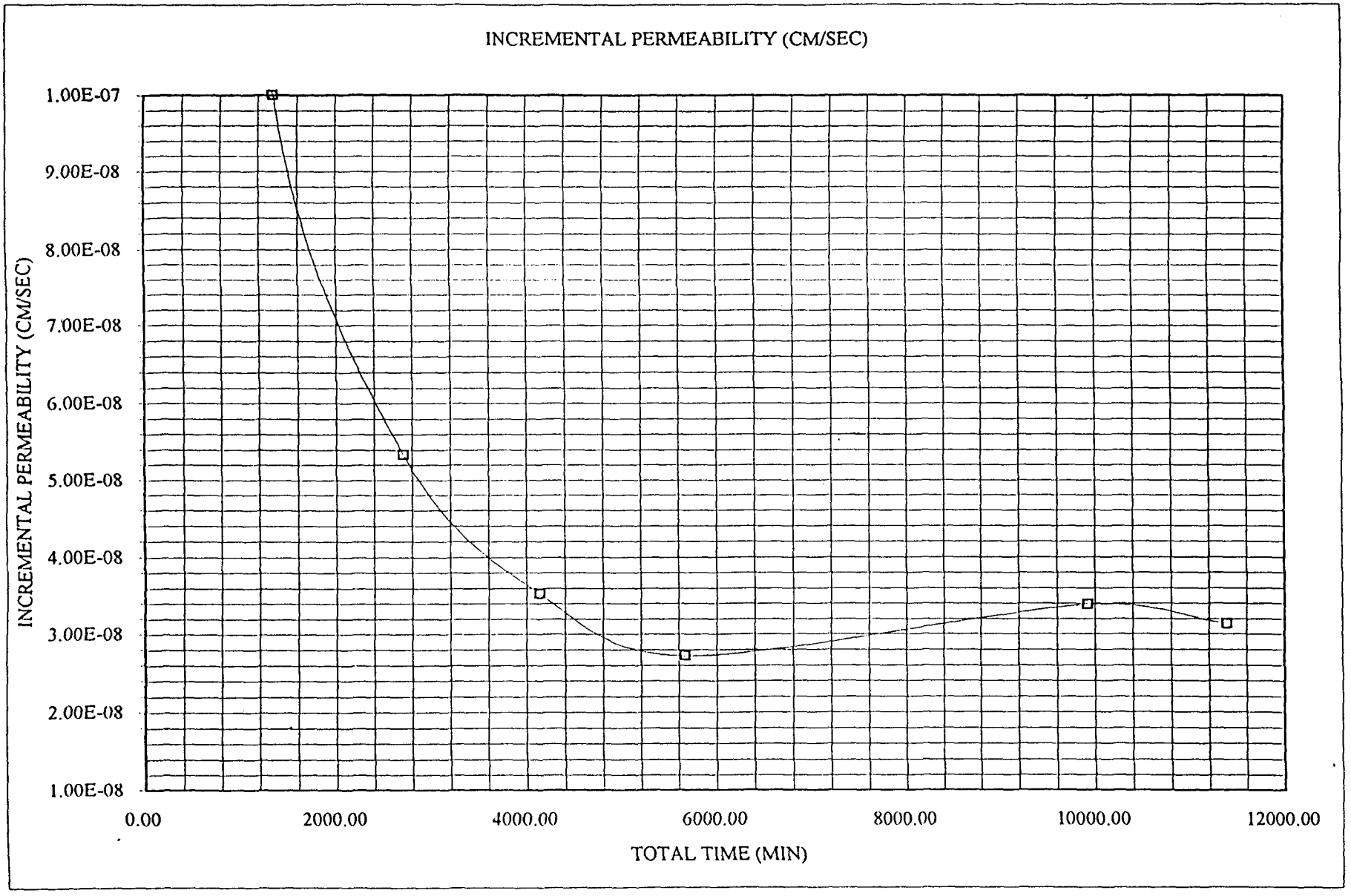
JOB NUMBER: 97S3022NH-0340
CLIENT: PARSONS ENGINEERING SCIENCE, INC
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 7/17/97
BORING #: SCF-SB08
SAMPLE #: 1
DEPTH (FT): 2.2-2.8

SPECIMEN HEIGHT (IN): 1.530
DIAMETER (IN): 2.853
AREA (SQ IN): 6.393

HEIGHT OF HEAD (PSI): 1.60
PRESSURE HEAD (CM H2O): 112.51
PANEL NUMBER: 7

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/23/97	9:07	6/23/97	17:39	8.40	8.4000	512.00	512.00	2.29E-07	2.29E-07
6/23/97	17:40	6/24/97	7:37	6.00	14.4000	837.00	1349.00	1.00E-07	1.65E-07
6/24/97	7:37	6/25/97	6:18	5.20	19.6000	1361.00	2710.00	5.33E-08	1.27E-07
6/25/97	6:18	6/26/97	6:02	3.60	23.2000	1424.00	4134.00	3.53E-08	1.04E-07
6/26/97	6:02	6/27/97	7:41	3.00	26.2000	1539.00	5673.00	2.72E-08	5.40E-08
6/27/97	7:42	6/30/97	6:30	10.30	36.5000	4248.00	9921.00	3.38E-08	3.74E-08
6/30/97	6:30	7/1/97	7:00	3.30	39.8000	1470.00	11391.00	3.13E-08	3.19E-08


INCREMENTAL PERMEABILITY (CM/SEC)
1.00E-07
9.00E-08
8.00E-08
7.00E-08
6.00E-08
5.00E-08
4.00E-08
3.00E-08
2.00E-08
1.00E-08
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	6/2/97
CLIENT:	PARSONS ENGINEERING SCIENCE, INC	BORING #:	SCF-SB08
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	3
SAMPLE DESCRIPTION:	Brn. gray vf. sandy silty clay (tr. c. sand	DEPTH (FT):	11.0-11.5
	& sm. gravel).	FILE NAME:	SB08312C

SPECIMEN WEIGHT (G)	1097.40
SPECIMEN HEIGHT (IN)	5.063
DIAMETER (IN)	2.868
AREA (SQ IN)	6.460
VOLUME (CU IN)	32.708
WET DENSITY (PCF)	127.81
DRY DENSITY (PCF)	104.94
WT. DRY SOIL (G)	900.99
VOLUME DRY SOIL (CU IN)	20.364
SP.GR. ASSUMED	2.70
POROSITY (%)	37.74
HEIGHT OF HEAD (PSI)	5.40
HYDRAULIC GRADIANT	29.5
1/4 PORE VOLUME	50.57

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	87.05	163.35
TARE + DRY SOIL (G)	74.35	134.81
TARE (G)	16.09	3.69
WATER (G)	12.70	28.54
DRY SOIL (G)	58.26	131.12
WATER CONTENT (%)	21.80	21.77

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	7

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

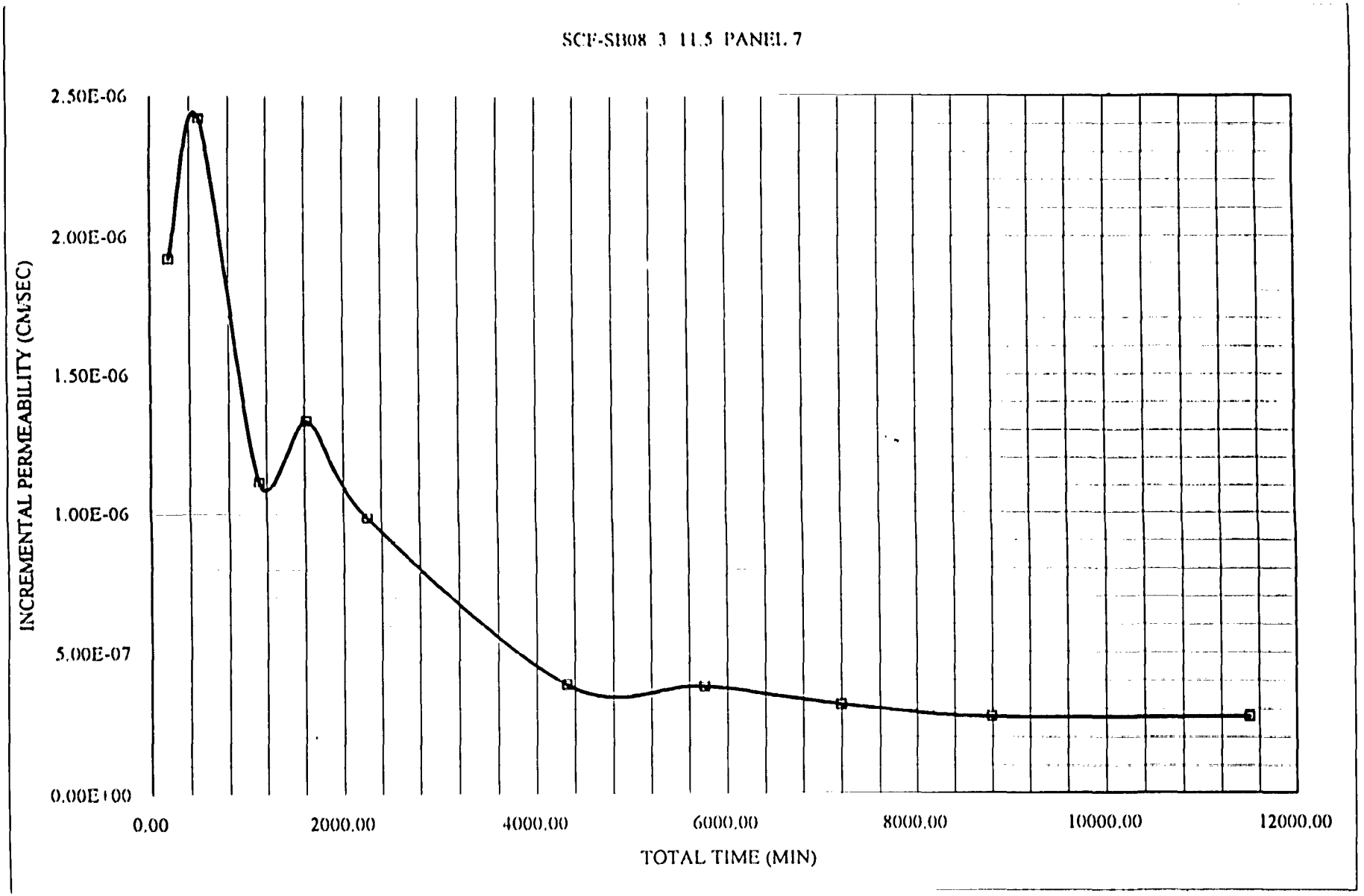
JOB NUMBER: 97S3022NB
CLIENT: PARSONS ENGINEERING SCIENCE, INC.
JOB DESCRIPTION: ALLIED SIGNAL

TEST DATE: 7/15/97
BORING #: SCF-SB08
SAMPLE #: 3
DEPTH (FT): 11.0-11.5

SPECIMEN HEIGHT (IN) 5.063
DIAMETER (IN) 2.868
AREA (SQ IN) 6.460

HEIGHT OF HEAD (PSI) 4.80
PRESSURE HEAD (CM H2O) 337.52
PANEL NUMBER 7
FILE NAME: SB08312D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
6/9/97	13:37	6/9/97	16:47	23.94	23.9400	190.00	190.00	1.92E-06	6.40E-07
6/10/97	7:01	6/10/97	12:10	49.02	72.9600	309.00	499.00	2.42E-06	1.08E-06
6/11/97	6:34	6/11/97	16:58	45.60	118.5600	624.00	1123.00	1.11E-06	1.36E-06
6/12/97	8:36	6/12/97	17:00	44.08	162.6400	504.00	1627.00	1.33E-06	1.70E-06
6/13/97	6:32	6/13/97	17:02	40.66	203.3000	630.00	2257.00	9.83E-07	1.46E-06
6/16/97	6:42	6/17/97	17:03	52.44	255.7400	2061.00	4318.00	3.88E-07	9.54E-07
6/17/97	6:42	6/18/97	6:47	36.10	291.8400	1445.00	5763.00	3.81E-07	7.71E-07
6/18/97	6:47	6/19/97	6:45	30.02	321.8600	1438.00	7201.00	3.18E-07	5.17E-07
6/19/97	6:45	6/20/97	9:19	28.50	350.3600	1594.00	8795.00	2.72E-07	3.40E-07
6/20/97	9:22	6/22/97	6:27	48.26	398.6200	2705.00	11500.00	2.72E-07	3.11E-07


SCF-SB08 3 11.5 PANEL 7
2.50E-06
2.00E-06
1.50E-06
1.00E-06
5.00E-07
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	6/9/97
CLIENT:	PARSONS ENGINEERING & SCIENCE, INC	BORING #:	SCF-SB08
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Gray silty clay.	DEPTH (FT):	18.25-18.8
		FILE NAME:	SB08218C

		WATER CONTENT OF TRIMMINGS	BEFORE TEST	AFTER TEST
SPECIMEN WEIGHT (G)	1306.42			
SPECIMEN HEIGHT (IN)	5.904			
DIAMETER (IN)	2.855	TARE + WET SOIL (G)	46.83	231.39
AREA (SQ IN)	6.402	TARE + DRY SOIL (G)	41.52	190.79
VOLUME (CU IN)	37.796	TARE (G)	15.00	3.69
WET DENSITY (PCF)	131.68	WATER (G)	5.31	40.60
DRY DENSITY (PCF)	109.71	DRY SOIL (G)	26.52	187.10
WT. DRY SOIL (G)	1088.48	WATER CONTENT (%)	20.02	21.70
VOLUME DRY SOIL (CU IN)	24.420			
SP.GR. ASSUMED	2.72			
POROSITY (%)	35.39	STD. MAX. DEN.(LBS/CU.FT.)		
HEIGHT OF HEAD (PSI)	6.40	OPTIMUM MOISTURE (%)		
HYDRAULIC GRADIANT	30.0	% COMPACTION	#DIV/0!	
1/4 PORE VOLUME	54.80	PRESSURE HEAD (CM H2O)	191.26	
		PANEL NUMBER	8	
TEST METHOD USED:	IEPA	PERMEANT USED:	TAP WATER	

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

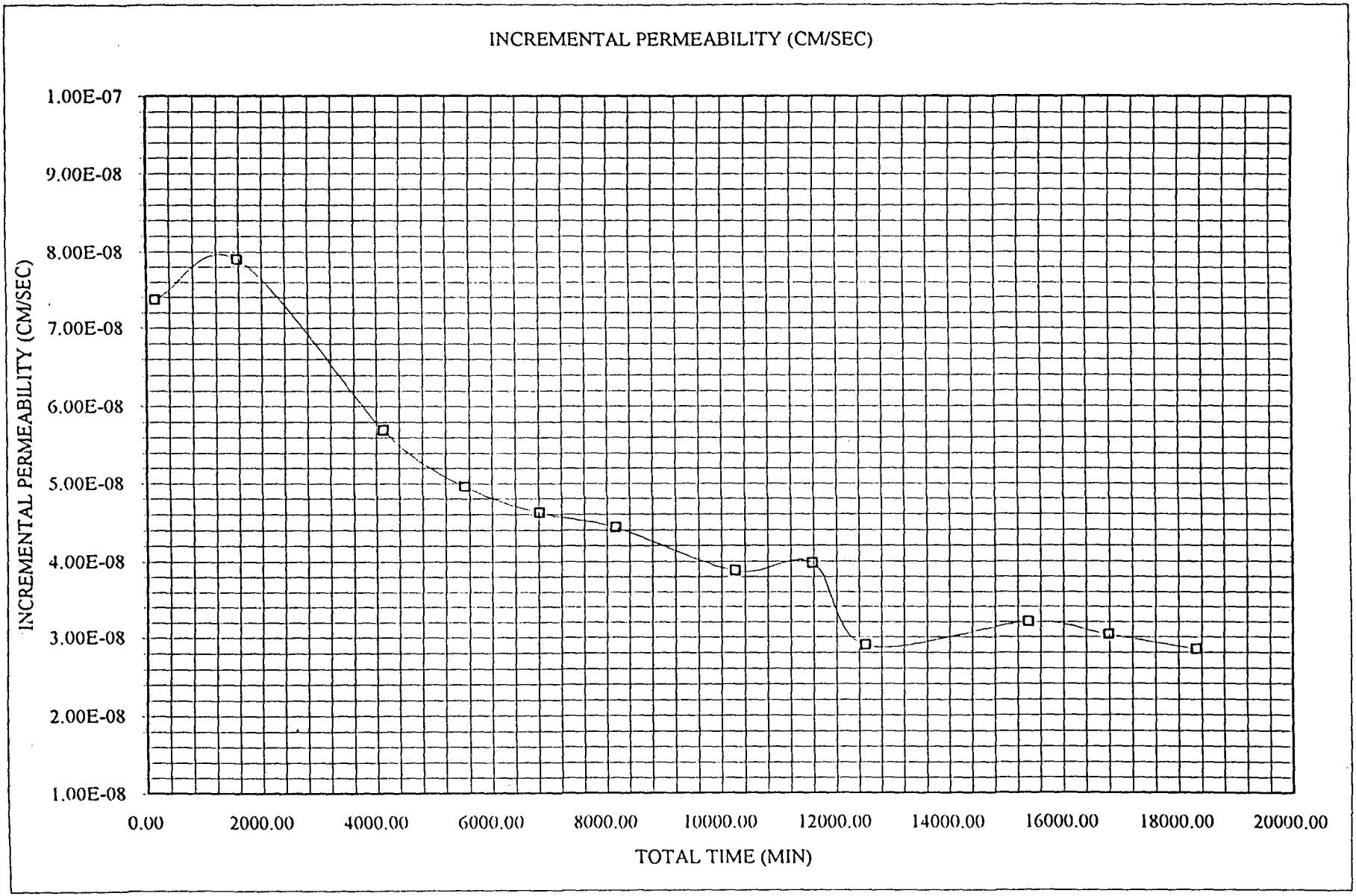
JOB NUMBER: 97S3022NH-0340
CLIENT: PARSONS
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 6/25/97
BORING #: SCF-SB08
SAMPLE #: 2
DEPTH (FT): 18.25-18.8

SPECIMEN HEIGHT (IN): 5.904
DIAMETER (IN): 2.855
AREA (SQ IN): 6.402

HEIGHT OF HEAD (PSI): 6.40
PRESSURE HEAD (CM H2O): 450.03
PANEL NUMBER: 8

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT FLOW (CC)	TOTAL FLOW (CC)	INCREMENT TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
5/22/97	14:34	5/22/97	17:00	0.80	0.8000	146.00	146.00	7.37E-08	7.37E-08
5/22/97	17:00	5/23/97	16:50	8.40	9.2000	1430.00	1576.00	7.90E-08	7.63E-08
5/23/97	16:50	5/25/97	11:21	10.80	20.0000	2551.00	4127.00	5.69E-08	6.99E-08
5/25/97	11:21	5/26/97	10:51	5.20	25.2000	1410.00	5537.00	4.96E-08	6.48E-08
5/26/97	10:51	5/27/97	8:13	4.40	29.6000	1282.00	6819.00	4.62E-08	5.79E-08
5/27/97	8:13	5/28/97	6:30	4.40	34.0000	1337.00	8156.00	4.43E-08	4.92E-08
5/28/97	6:30	5/29/97	17:10	6.00	40.0000	2080.00	10236.00	3.88E-08	4.47E-08
5/29/97	17:10	5/30/97	15:43	4.00	44.0000	1353.00	11589.00	3.98E-08	4.22E-08
5/30/97	15:43	5/31/97	7:12	2.00	46.0000	929.00	12518.00	2.89E-08	3.79E-08
5/31/97	7:12	6/2/97	6:51	6.80	52.8000	2859.00	15377.00	3.20E-08	3.49E-08
6/2/97	6:51	6/3/97	6:31	3.20	56.0000	1420.00	16797.00	3.03E-08	3.27E-08
6/3/97	6:31	6/4/97	7:44	3.20	59.2000	1513.00	18310.00	2.84E-08	2.99E-08


INCREMENTAL PERMEABILITY (CM/SEC)
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9.00E-08
8.00E-08
7.00E-08
6.00E-08
5.00E-08
4.00E-08
3.00E-08
2.00E-08
1.00E-08
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
14000.00
16000.00
18000.00
20000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	5/21/97
CLIENT:	PARSONS ENGINEERING SCIENCE, INC	BORING #:	SCG-SB06
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	3
SAMPLE DESCRIPTION:	Dk. brn. & yel. brn. silty f. sandy.	DEPTH (FT):	1.6-2.0
		FILE NAME:	SB0632C

SPECIMEN WEIGHT (G)	795.49
SPECIMEN HEIGHT (IN)	3.635
DIAMETER (IN)	2.858
AREA (SQ IN)	6.415
VOLUME (CU IN)	23.319
WET DENSITY (PCF)	129.95
DRY DENSITY (PCF)	116.07
WT. DRY SOIL (G)	710.51
VOLUME DRY SOIL (CU IN)	16.059
SP.GR. ASSUMED	2.70
POROSITY (%)	31.14
HEIGHT OF HEAD (PSI)	3.90
HYDRAULIC GRADIANT	29.7
1/4 PORE VOLUME	29.75

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	60.35	254.07
TARE + DRY SOIL (G)	55.59	218.46
TARE (G)	15.79	3.75
WATER (G)	4.76	35.61
DRY SOIL (G)	39.80	214.71
WATER CONTENT (%)	11.96	16.59

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	3

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

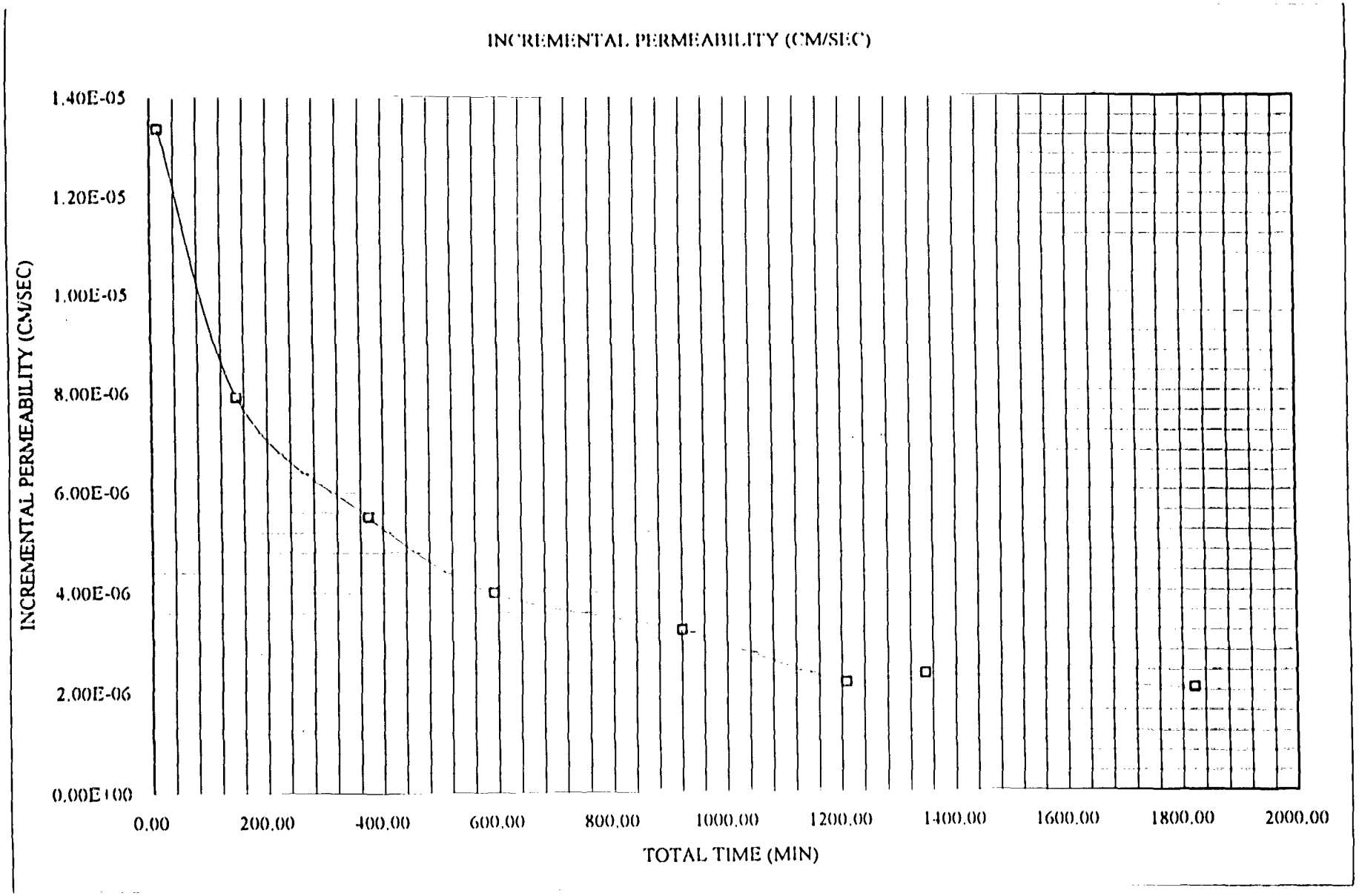
JOB NUMBER: 97S3022NB-0340
CLIENT: PARSONS
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 7/15/97
BORING #: SCG-SB06
SAMPLE #: 3
DEPTH (FT): 1.6-2.0

SPECIMEN HEIGHT (IN) 3.635
DIAMETER (IN) 2.858
AREA (SQ IN) 6.415

HEIGHT OF HEAD (PSI) 3.90
PRESSURE HEAD (CM H2O) 274.24
PANEL NUMBER 3

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
5/22/97	10:37	5/22/97	10:51	13.80	13.8000	14.00	14.00	1.34E-05	1.34E-05
5/22/97	10:53	5/22/97	13:06	77.70	91.5000	133.00	147.00	7.92E-06	1.06E-05
5/22/97	13:08	5/22/97	16:56	92.50	184.0000	228.00	375.00	5.50E-06	8.93E-06
5/28/97	7:36	5/28/97	11:14	64.01	248.0100	218.00	593.00	3.98E-06	7.69E-06
5/28/97	11:15	5/28/97	16:44	78.07	326.0800	329.00	922.00	3.22E-06	5.15E-06
5/30/97	10:50	5/30/97	15:36	45.88	371.9600	286.00	1208.00	2.17E-06	3.72E-06
5/30/97	15:36	5/30/97	17:55	24.05	396.0100	139.00	1347.00	2.35E-06	2.93E-06
6/2/97	6:50	6/2/97	14:45	71.78	467.7900	475.00	1822.00	2.05E-06	2.45E-06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1.20E-05
1.00E-05
8.00E-06
6.00E-06
4.00E-06
2.00E-06
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
200.00
400.00
600.00
800.00
1000.00
1200.00
1400.00
1600.00
1800.00
2000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB-0340	TEST DATE:	5/21/97
CLIENT:	PARSONS ENGINEERING SCIENCE, INC	BORING #:	SCG-SB06
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	2
SAMPLE DESCRIPTION:	Dark brown & gray vf. sandy silt.	DEPTH (FT):	13.1-13.7
		FILE NAME:	SB06213C

SPECIMEN WEIGHT (G)	770.94
SPECIMEN HEIGHT (IN)	4.718
DIAMETER (IN)	2.807
AREA (SQ IN)	6.188
VOLUME (CU IN)	29.197
WET DENSITY (PCF)	100.59
DRY DENSITY (PCF)	63.73
WT. DRY SOIL (G)	488.42
VOLUME DRY SOIL (CU IN)	11.039
SP.GR. ASSUMED	2.70
POROSITY (%)	62.19
HEIGHT OF HEAD (PSI)	5.10
HYDRAULIC GRADIANT	29.9
1/4 PORE VOLUME	74.39

WATER CONTENT OF TRIMMINGS

	BEFORE TEST	AFTER TEST
TARE + WET SOIL (G)	50.70	195.87
TARE + DRY SOIL (G)	37.83	122.12
TARE (G)	15.58	3.66
WATER (G)	12.87	73.75
DRY SOIL (G)	22.25	118.46
WATER CONTENT (%)	57.84	62.26

STD. MAX. DEN.(LBS/CU.FT.)	
OPTIMUM MOISTURE (%)	
% COMPACTION	#DIV/0!
PRESSURE HEAD (CM H2O)	189.86
PANEL NUMBER	6

TEST METHOD USED: IEPA

PERMEANT USED: TAP WATER

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

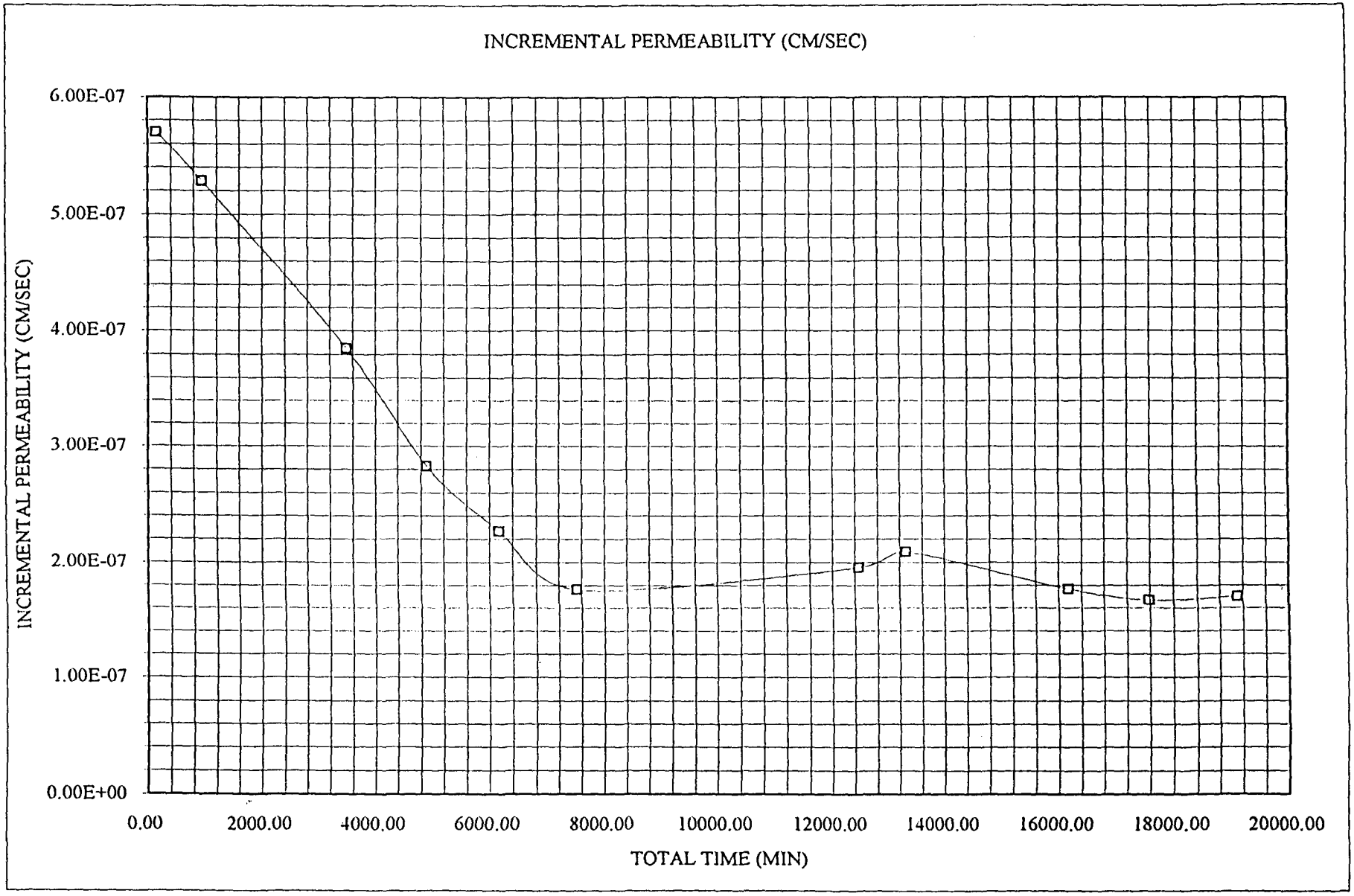
JOB NUMBER: 9753022NH-0340
CLIENT: PARSONS
JOB DESCRIPTION: ALLIED SIGNAL SITE

TEST DATE: 7/17/97
BORING #: SCG-SB06
SAMPLE #: 2.00
DEPTH (FT): 13.1-13.7

SPECIMEN HEIGHT (IN): 4.718
DIAMETER (IN): 2.807
AREA (SQ IN): 6.188

HEIGHT OF HEAD (PSI): 5.10
PRESSURE HEAD (CM H2O): 358.62
PANEL NUMBER: 6

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
5/22/97	14:25	5/22/97	16:59	6.29	6.2900	154.00	154.00	5.70E-07	5.70E-07
5/22/97	16:59	5/23/97	6:10	29.97	36.2600	791.00	945.00	5.29E-07	5.49E-07
5/23/97	16:52	5/25/97	11:19	70.30	106.5600	2547.00	3492.00	3.85E-07	4.94E-07
5/25/97	11:26	5/26/97	10:51	28.49	135.0500	1405.00	4897.00	2.83E-07	4.42E-07
5/26/97	10:51	5/27/97	8:04	20.72	155.7700	1273.00	6170.00	2.27E-07	3.56E-07
5/27/97	8:04	5/28/97	6:29	17.02	172.7900	1345.00	7515.00	1.77E-07	2.68E-07
5/28/97	6:30	5/31/97	17:09	69.56	242.3500	4959.00	12474.00	1.96E-07	2.21E-07
5/31/97	17:09	6/1/97	7:09	12.58	254.9300	840.00	13314.00	2.09E-07	2.02E-07
6/1/97	7:09	6/3/97	6:51	36.26	291.1900	2862.00	16176.00	1.77E-07	1.94E-07
6/3/97	6:51	6/4/97	6:29	17.02	308.2100	1418.00	17594.00	1.67E-07	1.84E-07
6/4/97	6:29	6/5/97	7:44	18.50	326.7100	1515.00	19109.00	1.70E-07	1.81E-07


INCREMENTAL PERMEABILITY (CM/SEC)
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5.00E-07
4.00E-07
3.00E-07
2.00E-07
1.00E-07
0.00E+00
INCREMENTAL PERMEABILITY (CM/SEC)
0.00
2000.00
4000.00
6000.00
8000.00
10000.00
12000.00
14000.00
16000.00
18000.00
20000.00
TOTAL TIME (MIN)

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER:	97S3022NB	TEST DATE:	8/7/97
CLIENT:	PARSONS ENGINEERING SCIENCE	BORING #:	BG1-SB01
JOB DESCRIPTION:	ALLIED SIGNAL	SAMPLE #:	1-3
SAMPLE DESCRIPTION:	Grav vf. sandy silty clay / so. c. sand & sm. gr.	DEPTH (FT):	9.1-9.6
		FILE NAME:	SB0113

			WATER CONTENT OF TRIMMINGS	
			BEFORE TEST	AFTER TEST
SPECIMEN WEIGHT (G)	713.10			
SPECIMEN HEIGHT (IN)	3.931			
DIAMETER (IN)	2.789	TARE + WET SOIL (G)	89.26	201.42
AREA (SQ IN)	6.109	TARE + DRY SOIL (G)	74.25	165.42
VOLUME (CU IN)	24.015	TARE (G)	3.72	3.72
WET DENSITY (PCF)	113.12	WATER (G)	15.01	36.00
DRY DENSITY (PCF)	93.27	DRY SOIL (G)	70.53	161.70
WT. DRY SOIL (G)	587.97	WATER CONTENT (%)	21.28	22.26
VOLUME DRY SOIL (CU IN)	13.388			
SP GR. ASSUMED	2.68			
POROSITY (%)	44.25	STD. MAX. DEN.(LBS/CU.FT.)		
HEIGHT OF HEAD (PSI)	4.20	OPTIMUM MOISTURE (%)		
HYDRAULIC GRADIANT	29.6	% COMPACTION	#DIV/0!	
1/4 PORE VOLUME	43.54	PRESSURE HEAD (CM H2O)	188.45	
		PANEL NUMBER	6	
TEST METHOD USED:	IEPA	PERMEANT USED:	TAP WATER	

HANSON ENGINEERS INCORPORATED

CONSTANT HEAD PERMEABILITY TEST

JOB NUMBER: 97S3022NB
CLIENT: PARSONS ENGINEERING SCIENCE, INC.
JOB DESCRIPTION: ALLIED SIGNAL

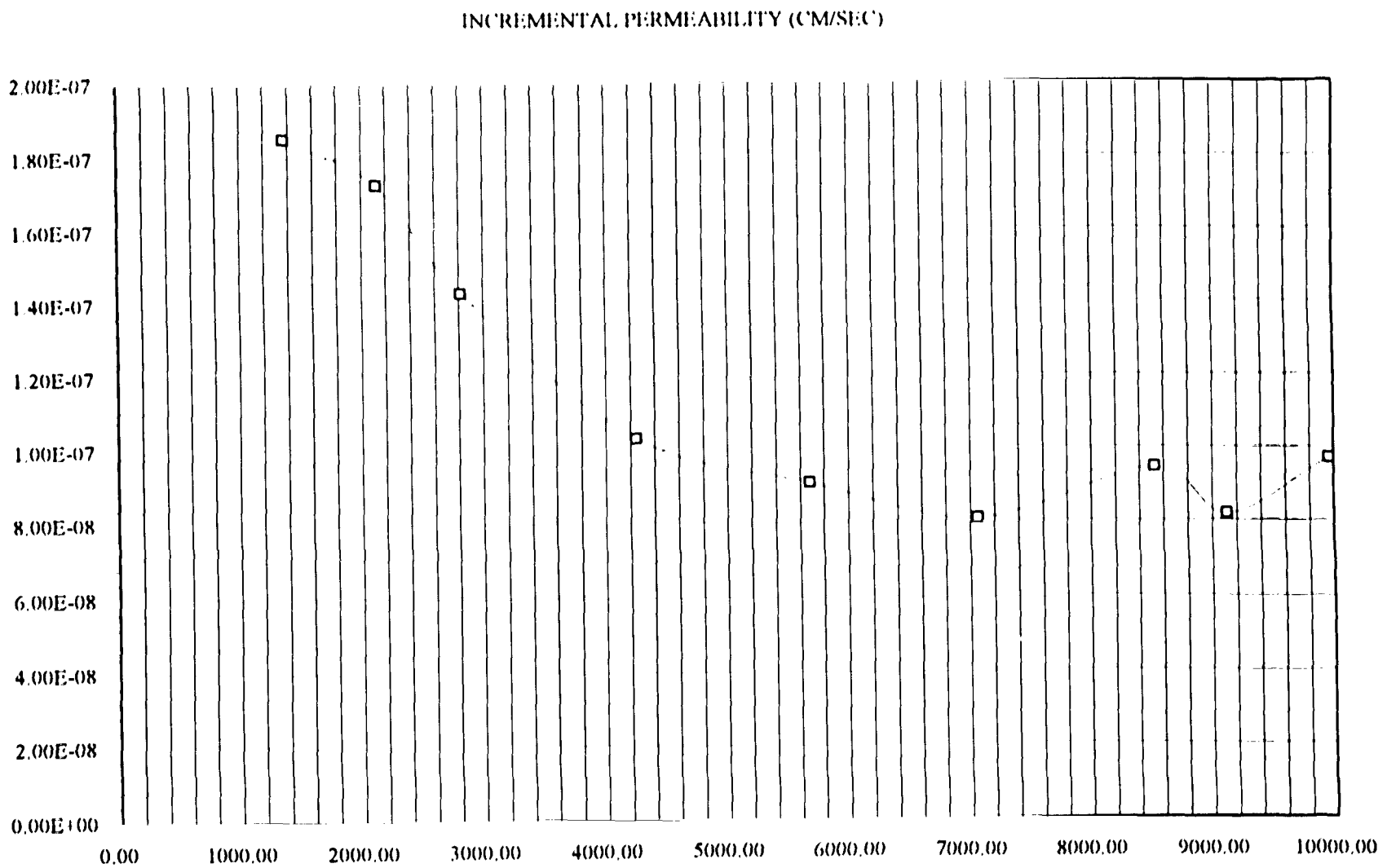
TEST DATE: 8/7/97
BORING #: BG1-SB01
SAMPLE #: 35433
DEPTH (FT): 9.1-9.6

SPECIMEN HEIGHT (IN) 3.931
DIAMETER (IN) 2.789
AREA (SQ IN) 6.109

HEIGHT OF HEAD (PSI) 4.20
PRESSURE HEAD (CM H2O) 295.33
PANEL NUMBER 6
FILE NAME: SB0113D

START DATE	START TIME	STOP DATE	STOP TIME	INCREMENT. FLOW (CC)	TOTAL FLOW (CC)	INCREMENT. TIME (MIN)	TOTAL TIME (MIN)	INCREMENTAL PERMEABILITY (CM/SEC)	AVERAGE PERMEABILITY (CM/SEC)
7/28/97	7:29	7/29/97	6:15	17.70	17.7000	1366.00	1366.00	1.85E-07	1.85E-07
7/29/97	6:16	7/29/97	18:58	9.20	26.9000	762.00	2128.00	1.73E-07	1.79E-07
7/29/97	18:59	7/30/97	6:30	6.90	33.8000	691.00	2819.00	1.43E-07	1.67E-07
7/30/97	6:30	7/31/97	6:20	10.30	44.1000	1430.00	4249.00	1.03E-07	1.51E-07
7/31/97	6:21	8/1/97	6:15	9.10	53.2000	1434.00	5683.00	9.07E-08	1.27E-07
8/2/97	8:21	8/3/97	7:20	7.80	61.0000	1379.00	7062.00	8.09E-08	1.04E-07
8/4/97	6:34	8/5/97	6:58	9.70	70.7000	1464.00	8526.00	9.47E-08	9.23E-08
8/5/97	6:58	8/5/97	16:52	3.40	74.1000	594.00	9120.00	8.18E-08	8.70E-08
8/5/97	16:53	8/6/97	6:54	5.70	79.8000	841.00	9961.00	9.69E-08	8.86E-08

Current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1.60E-07
1.40E-07
1.20E-07
1.00E-07
8.00E-08
6.00E-08
4.00E-08
2.00E-08
0.00E+00
0.00
1000.00
2000.00
3000.00
4000.00
5000.00
6000.00
7000.00
8000.00
9000.00
10000.00

APPENDIX D DATA VALIDATION REPORT

APPENDIX D1
LEVEL 3 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

APPENDIX D2
LEVEL 4 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

APPENDIX D1
LEVEL 3 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

APPENDIX D1
LEVEL 3 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

D1-1.1 INTRODUCTION

A quality assurance summary report has been prepared for each SDG to present the findings of the Level 3 validation processes for that SDG. A total of 11 SDGs were prepared by Quanterra and submitted in support of the project: AS01 through AS11. All eleven SDGs were subjected to the Level 3 validation process. These reports are presented below. Refer to Section 4 of the Data Report for a general discussion of the data validation approach utilized for this project data, and for discussions on overall data accuracy, precision and completeness.

D1-1.2 INDIVIDUAL VALIDATION REPORTS

D1-1.2.1 SDG AS01 Validation Report

SDG AS01 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included two field duplicates: SSAS1-SCB-SB91-SS01-4/6 is a duplicate of sample SSAS1-SCB-SB01-SS01-4/6 and sample SSAS1-SCB-SB95-SS01-0/6 is a duplicate of SSAS1-SCB-SB05-SS01-0/6.

Two samples were collected as matrix spike/matrix spike duplicate samples: SSAS1-SCC-SB01-SS01-12/14, and SSAS1-SCB-SB05-SS01-0/6.

Four samples were collected and analyzed for TCLP parameters (Volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint): SSAS1-SCC-SB03-SS01-1/2, SSAS1-SCC-SB03-SS01-8/10, SSAS1-SCB-SB02-SS01-4/6, and SSAS1-SCB-SB02-SS01-1/2.

No field blanks (equipment, field, or trip blanks) were collected with the samples in this SDG.

The result reported for VOC acetone for sample SSAS1-SCC-SB02-SS01-1/2 has been qualified as unusable (flagged 'R13'). The laboratory reported that the result was due to laboratory carryover contamination. Carryover contamination indicates the affected result may be due to lingering contamination from the previous sample analyzed. In this case, the laboratory indicates the previous sample contained high level of acetone and that some of the acetone vapors remained in the instrument system and contaminated the subsequent sample analyzed on the instrument. The result reported for acetone in this sample is not considered native to the sample. No other results for samples in this SDG have been qualified as unusable.

Other QA/QC issues leading to qualification of results include: MS/MSD accuracy or precision outliers ('J5'/'UJ5'), internal standard outliers ('J9'/'UJ9'), ICP serial dilution outliers ('J11'), percent difference greater than 25 percent between pesticide results from the quantitation and confirmation columns ('J12'), and a combination of one or more of these issues ('J10'). Outliers indicate that the reported or calculated result for the QC sample is outside the specified control limits described in the SOW and the QAPP. Details regarding the samples and analytes affected by these issues are presented below.

The laboratory also reported that two samples were diluted due to high levels of TICs for the VOC analyses (SSAS1-SCB-SB010SS01-4/6 and its field duplicate SSAS1-SCB-SB01-SS01-4/6 FR1). As a result of the necessary dilutions, the reporting limits for these samples have been elevated.

The laboratory also reported that four samples required dilution due to matrix interferences during SVOC analyses: SSAS1-SCC-SB02-SS01-0/6, SSAS1-SCC-SB03-SS01-0/6, SSAS1-SCB-SB02-SS01-4/6, and SSAS1-SCB-SB02-SS01-1/2. The reporting limits for these samples were also elevated.

The laboratory reported VOC internal standard outliers for samples SSAS1-SCC-SB01-SS01-1/2 and SSAS1-SCB-SB05-SS01-1/2. Both samples were reanalyzed with both data sets submitted. All data submitted have been evaluated to determine which data set to include in the data tables. The decision made has been based on the magnitude of the problem associated with each sample run as well as the type of qualifier and the number of analytes affected by the problem.

Based on this process, data from the original runs have been reported for the two samples affected. More details regarding this problem are presented below.

D1-1.2.1.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

The result reported for acetone for sample SSAS1-SCC-SB02-SS01-1/2 (36 ug/kg) has been qualified as unusable due to laboratory carryover contamination. The laboratory did not reanalyze the sample to verify the presence of acetone in the sample. The reported result should be considered unusable.

Other QA/QC issues leading to qualification of the reported results include: internal standard outliers and a combination of this problem and a reported result above the method detection limit (MDL) but below the reporting limit ('J10'). Details regarding these QA/QC issues are presented below.

Target VOCs detected in one or more of the samples in this SDG include: acetone, benzene, ethylbenzene, methylene chloride, tetrachloroethene, toluene, 1,1,2,2-tetrachloroethane, and xylenes (total). Some of these detections were above the MDL but below the project reporting limit (PRL) and have been flagged 'J1'.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except as indicated below.

Two samples, SSAS1-SCC-SB01-SS01-1/2 and SSAS1-SCB-SB05-SS01-0/6, reported internal standard area outliers. One internal standard outlier was reported for the original run while two outliers were reported for the reanalysis run for sample SSAS1-SCC-SB01-SS01-1/2. Based on these results, the results for the original run with all target VOCs associated with the non compliant internal standard (chlorobenzene) qualified as estimated have been reported. For sample SSAS1-SCB-SB05-SS01-0/6 all three internal standards reported outliers in the original run. The sample was reanalyzed and also reported three outliers. All reported results for VOCs from the original run have been qualified as estimated ('UJ9') and reported in the data summary tables.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 1,1,2,2-tetrachloroethane, acetone, benzene, ethylbenzene, methylene chloride, tetrachloroethene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for the following samples in this SDG: SSAS1-SCB-SB01-SS01-4/6, SSAS1-SCB-SB05-SS01-0/6, SSAS1-SCB-SB05-SS01-6/8, SSAS1-SCB-SB91-SS01-4/6, SSAS1-SCB-SB95-SS01-0/6, SSAS1-SCC-SB01-SS01-12/14, SSAS1-SCC-SB02-SS01-1/2, and SSAS1-SCC-SB02-SS01-6/8.

The most commonly detected TICs in the samples included: Benzene isomers, 1,1,2,3-tetramethylcyclohexane, hexamethylcyclotrisoloxane, indane, indene, isopropyl alcohol, unknown, and unknown aromatic hydrocarbon.

TCLP Volatiles

The only TCLP VOC target analyte detected in the samples was benzene in sample SSAS1-SCC-SB03-SS01-8/10.

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

D1-1.2.1.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC issues leading to qualification of reported SVOC results include: MS/MSD outliers, reported results above the MDL but less than the PRL, holding time violation, and a combination of one or more of these issues. Details regarding the samples and analytes affected by these issues are presented in the sections below.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW except for sample SSAS1-SCC-SB03-SS01-8/10. This sample was extracted 2 days outside the required holding time for SVOCs. Reported results for this sample have been qualified as estimated ("J2"/"UJ2"). Results affected by at least one other QA/QC problem have been flagged "J10"/"UJ10".

GC MS Instrument Performance Check (Tuning)

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Accuracy (percent recovery) outliers were reported for the MS/MSD for SVOC analysis for the SVOC pentachlorophenol. Reported results for pentachlorophenol in the associated unspiked sample, SSAS1-SCB-SB05-SS01-0/6, has been qualified as estimated and flagged 'UJ5'.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCB-SB01-SS01-4/6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCB-SB02-SS01-4/6, SSAS1-SCB-SB03-SS01-0/6, SSAS1-SCB-SB05-SS01-0/6, SSAS1-SCC-SB01-SS01-0/6, SSAS1-SCC-SB02-SS01-0/6, SSAS1-SCC-SB03-SS01-0/6, SSAS1-SCC-SB03-SS01-1/2, and SSAS1-SCC-SB03-SS01-8/10.

The most commonly detected TICs in the samples included: aldol condensation product, biphenyl, dibenzothiophene, naphthalene isomers, unknown, and unknown PAH.

D1-1.2.1.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide PCB analysis specified in the SOW.

No reported pesticide PCB results have been qualified as unusable for samples in this SDG.

Other QA/QC issues leading to qualification of results included: reported results above the MDL but less than the PRL, percent differences between the quantitation and confirmation columns >25 percent, and a combination of these problems. Details regarding the samples and analytes affected by these issues are presented in the sections below.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I, endosulfan II, endrin, and methoxychlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.1.4 Metals

Overall Assessment

The following target metals were detected in one or more of the samples in this SDG: arsenic, barium, cadmium, chromium, lead, selenium, silver, mercury, and total cyanide. All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC issues leading to qualification of data include: reported results above the MDL but less than the PRL, and ICP serial dilution outliers. Details regarding the samples and analytes affected by these issues are presented below.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

A serial dilution outlier was reported for chromium for this SDG. All reported results for chromium in the samples in this SDG have been qualified as estimated ('J11').

TCLP Metals

No target TCLP metals were detected in the TCLP samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.1.5 Wet Chemistry Parameters

Overall Assessment

The following target analytes were detected in one or more of the samples in this SDG: BTU per pound, sulfur, pH, and flashpoint.

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for holding time violations for pH for all samples in this SDG. All reported results for pH in the samples have been qualified as estimated and flagged 'J2'.

Field and Laboratory Blanks

All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

No accuracy or precision outliers were reported for the MS/MSD for the wet chemistry analyses.

TCLP Parameters

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for sample SSAS1-SCC-SB03-SS01-8/10 which reported holding time

violations for TCLP VOC and reactive cyanide. Holding time violations were also reported for reactive cyanide for samples SSAS1-SCC-SB03-SS01-1/2, SSAS1-SCB-SB02-SS01-4/6, and SSAS1-SCB-SB02-SS01-1/2. All reported results for these samples have been qualified as estimated and flagged 'J2'/'UJ2'.

D1-1.2.2 SDG AS02 Validation Report

SDG AS02 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included one field duplicate: sample SSAS1-SCA-SB91-SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8.

Two samples were collected as MS/MSDs: SSAS1-SCA-SB01-SS01-6/8, and SSAS1-SCB-SB03-SS01-6/8.

No field blanks or TCLP samples were collected with the samples in this SDG.

No reported results for samples in this SDG have been qualified as unusable.

Other QA/QC problems leading to qualification of results include: reported results above the MDL but less than the PRL, holding time violations, laboratory blank contamination, calibration outliers, surrogate outliers, laboratory control sample outliers, MS/MSD outliers, laboratory duplicate precision outliers, field duplicate precision outliers, internal standard outliers and a combination of one or more of these problems.

The laboratory reported internal standard outliers for five samples for VOC analysis: SSAS1-SCB-SB04-SS01-1/2, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCA-SB03-SS01-1/2, SSAS1-SCA-SB04-SS01-0/6, and SSAS1-SCA-SB04-SS01-1/2. The samples were reanalyzed and both sets of data was reported for each sample. Based on the evaluation of the data, the results from the original run have been reported for samples SSAS1-SCB-SB04-SS01-1/2 and SSAS1-SCA-SB04-SS01-1/2 while results from the reanalyses have

been reported for the other samples. More details regarding this problem are presented below.

The laboratory also reported that sample SSAS1-SCA-SB03-SS01-0/6 was reanalyzed due to a calibration outlier for acetone in the original run. The result reported for acetone in the reanalysis run has been included in the data summary table along with the results for all other target analytes from the original run.

The laboratory also reported that sample SSAS1-SCA-SB01-SS01-6/8 was diluted due to high VOC TICs. The necessary dilution result in the surrogates being diluted out.

The laboratory reported an internal standard outlier for sample SSAS1-SCA-SB03-SS01-1/2 and attributed the outlier to matrix interferences in the sample.

The laboratory reported that the following samples for SVOC analysis required dilutions due to matrix interferences resulting in elevated reporting limits: SSAS1-SCB-SB06-SS01-0/6, SSAS1-SCA-SB02-SS01-0/6, and SSAS1-SCA-SB03-SS01-0/6.

D1-1.2.2.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Other QA QC problems leading to qualification of data include: calibration outliers, surrogate outliers, internal standard outliers, field duplicate precision outliers, and a combination of one or more of these problems.

Target VOCs detected in one or more of the samples in this SDG include: acetone, 2-butanone, benzene, ethylbenzene, methylene chloride, styrene, tetrachloroethene, toluene, and xylenes (total). Some of these detections were above the MDL but less than the PRL and have been flagged 'J1'.

Field duplicate precision outliers (relative percent difference) were calculated for the duplicates of sample SSAS1-SCA-SB01-SS01-6/8 for the VOCs benzene, toluene, ethylbenzene, and xylenes (total). Reported results for these analytes in both the sample and duplicate have been qualified as estimated.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

The result reported for acetone for sample SSAS1-SCA-SB03-SS01-0/6 in the original run exceeded the calibration range for the method. The sample was diluted and reanalyzed. The result reported in the diluted run for acetone has been reported in the data summary tables along with the results for all other target analytes from the original run.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for the reanalysis run for sample SSAS1-SCB-SB04-SS01-1/2. The sample was reanalyzed due to internal standard outliers in the original run with similar results (all three internal standards out). The results for the original run are reported in the data summary tables. The results for the reanalysis are not reported.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCB-SB03-SS01-6/8 and sample SSAS1-SCA-SB01-SS01-6/7 were collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for the following samples: SSAS1-SCA-SB03-SS01-1/2, SSAS1-SCA-SB04-SS01-0/6, SSAS1-SCA-SB04-SS01-1/2, SSAS1-SCB-SB02-SS01-0/6, and SSAS1-SCB-SB04-SS01-1/2.

For sample SSAS1-SCA-SB03-SS01-1/2, all three required internal standards reported outliers in both the original and reanalysis runs. The results from the original run have been qualified as estimated ("J9" "UJ9"). The results for the reanalysis have not been included in the data tables. For sample SSAS1-SCA-SB04-SS01-0/6 all three internal standards reported outliers in the original run while only one outlier was reported for the reanalysis. Results for the reanalysis are reported in the data tables with the VOCs associated with the non-compliant internal qualified as estimated ("J9" "UJ9"). For sample SSAS1-SCA-SB04-SS01-1/2 all three internal standards reported outliers in the original run while only one outlier was reported for the reanalysis. Results for the reanalysis are

reported in the data tables with the VOCs associated with the non-compliant internal standard qualified as estimated. For sample SSAS1-SCB-SB02-SS01-0/6 all three internal standards reported outliers while the reanalysis run reported outliers for 2 of the three internal standards. Results reported for the reanalysis have been reported in the data tables with the VOCs associated with non-compliant internal standards qualified as estimated. For sample SSAS1-SCB-SB04-SS01-1/2 internal standard outliers were reported for the same internal standard in both the original and reanalysis runs. Results for the original run are reported in the data tables with the VOCs associated with the non-compliant internal standard qualified as estimated.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 2-butanone, acetone, benzene, ethylbenzene, methylene chloride, styrene, tetrachloroethene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for the following samples in this SDG: SSAS1-SCA-SB01-SS01-1/2, SSAS1-SCA-SB01-SS01-6/8, SSAS1-SCA-SB02-SS01-1/2, SSAS1-SCA-SB02-SS01-8/10, SSAS1-SCA-SB03-SS01-0/6, SSAS1-SCA-SB03-SS01-1/2, SSAS1-SCA-SB03-SS01-14/16, SSAS1-SCA-SB04-SS01-0/6, SSAS1-SCA-SB04-SS01-1/2, SSAS1-SCA-SB91-SS01-6/8, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCB-SB03-SS01-6/8, SSAS1-SCB-SB04-SS01-1/2, SSAS1-SCB-SB04-SS01-4/6, SSAS1-SCB-SB06-SS01-0/6, and SSAS1-SCB-SB06-SS01-14/16.

The most commonly detected TICs in the samples included: Benzene isomers, 1,1,2,3-tetramethylcyclohexane, Hexamethylcyclotrisiloxane, indane, indene, 2-ethyl-1-hexanol, 1-butoxy-2-propanol, benzofuran, isopropyl alcohol, unknown, and unknown hydrocarbon.

D1-1.2.2.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC issues leading to qualification of data include: reported results above the MDL but less than the PRL, laboratory blank contamination, internal standard outliers, and a combination of one or more of these issues. Details regarding these issues are presented below.

Target SVOCs detected in one or more of the samples in this SDG include: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. Some of these detections have been qualified 'J1'.

The laboratory reported an internal standard outlier for sample SSAS1-SCA-SB03-SS01-1 2. The sample was not reanalyzed. Reported results for the SVOCs associated with the noncompliant internal standard have been qualified as estimated. More details regarding this problem are presented below.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC MS Instrument Performance Check (Tuning)

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination except for naphthalene which was detected in one of the laboratory blanks associated with this SDG. Reported results for naphthalene in samples SSAS1-SCA-SB02-SS01-1/2 and SSAS1-SCA-SB02-SS01-0/6 have been qualified as non-detects (UB) due to the blank contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCA-SB01-SS01-6/7 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW except for sample SSAS1-SCA-SB03-SS01-1/2. The laboratory reported an internal standard outlier for this sample. Reported results for target SVOCs associated with the non-compliant internal standard (pyrene) have been qualified as estimated ('J9'/'UJ9').

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, chrysene, fluoranthene, carbazole, dibenzofuran, fluorene, naphthalene, phenanthrene, pyrene, dibenz(a,h)anthracene, bis(2-ethylhexyl)phthalate, and indeno(1,2,3-cd)pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCA-SB01-SS01-0/6, SSAS1-SCA-SB02-SS01-0/6, SSAS1-SCA-SB03-SS01-0/6, SSAS1-SCA-SB04-SS01-0/6, SSAS1-SCA-SB91-SS01-6/8, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCB-SB04-SS01-0/6, and SSAS1-SCB-SB06-SS01-0/6

The most commonly detected TICs in the samples included: 1,2,4-trimethylbenzene, aldol condensation product, naphthalene, dibenzothiophene, unknown, and unknown PAH.

D1-1.2.2.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide PCB analysis specified in the SOW.

No reported pesticide PCB results have been qualified as unusable for samples in this SDG.

Other QA/QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, surrogate outliers, and a combination of one or more of these problems.

Target pesticide/PCBs detected in one or more of the samples include: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, dieldrin, arochlor-1254, endosulfan I, endosulfan II, and methoxychlor. Most of these detections were qualified 'J1'.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCB-SB04-SS01-0/6. Surrogate outliers were reported for this sample. All reported detections for this sample have been qualified as estimated ('J4').

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCA-SB06-SS01-0/6 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I, endosulfan II, gamma-chlordane, and methoxychlor . All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.2.4 Metals

Overall Assessment

The following target metals were detected in one or more of the samples in this SDG: arsenic, barium, cadmium, chromium, lead, selenium, silver and total cyanide. All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, MS/MSD outliers, laboratory duplicate outliers, LCS outliers, and a combination of one or more of these problems.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs except for total cyanide for the LCS associated with sample SSAS1-SCA-SB01-SS01-6/8. The recovery reported for total cyanide was above the upper control limit (UCL). The reported result for total cyanide in the sample has been qualified as estimated.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG except for lead. All reported results for lead in the samples have been qualified as estimated ('J8').

Matrix Spike Samples (MS)

Sample SSAS1-SCA-SB06-SS01-0/6 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis except for arsenic, chromium, and total cyanide. Some reported results for these analytes in the samples have been qualified as estimated ("UJ5"/J5").

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB020SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.2.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG. All reported results for pH have been qualified as estimated due to holding time violation.

Holding Time

All analyses for the pH were performed outside the holding time specified in the QAPP. All reported pH results have been qualified as estimated ("J2").

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

D1-1.2.3 SDG AS03 Validation Report

SDG AS03 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included two field duplicates: SSAS1-SCA-SB96-SS01-0/6 is a duplicate of sample SSAS1-SCA-SB06-SS01-0/6 and SSAS1-SCA-SB99-SS01-1/2 is a duplicate of sample SSAS1-SCA-SB09-SS01-1/2.

Two samples were collected as MS/MSD samples: SSAS1-SCA-SB06-SS01-0/6, and SSAS1-SCA-SB08-SS01-12/14.

Two samples were collected and analyzed for TCLP parameters: SSAS1-SCA-SB07-SS01-1/2, and SSAS1-SCA-SB07-SS01-4/6.

No field blanks were collected with the samples in this SDG.

No reported results for this SDG has been qualified as unusable.

Other QA/QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, holding time violations, MS/MSD outliers, calibration outliers, percent difference outliers for pesticide/PCBs, field duplicate precision outliers, internal standard outliers, and a combination of one or more of these problems. Details regarding the samples and analytes affected by these problems are presented below.

The laboratory reported that several samples required dilution prior to VOC analysis due to high TICs. The necessary dilutions resulted in the surrogates being diluted out and the reporting limits elevated. The following samples were affected: SSAS1-SCA-SB04-SS01-14/16, SSAS1-SCA-SB05-SS01-16/18, and SSAS1-SCA-SB08-SS01-12/14.

The laboratory also reported that the detections of aroclor-1254 in samples SSAS1-SCA-SB09-SS01-0 6 and SSAS1-SCA-SB10-SS01-0 6 could not be confirmed by GC/MS.

The laboratory reported VOC internal standard outliers for sample SSAS1-SCA-SB09-SS01-4 6. The sample was reanalyzed and both sets of data submitted. Based on the evaluation of the data, the results for the original run have been reported. More details regarding this problem are presented below.

D1-1.2.3.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

The only other QA/QC problem leading to qualification of data include is reported results above the MDL but less than the PRL.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC MS Instrument Performance Check

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for sample SSAS1-SCA-SB09-SS01-4/6. The laboratory reported outliers for one of the three internal standards (chlorobenzene) for both the original and the reanalysis runs. Based on the evaluation of the data the results for the original run have been reported with the VOCs associated with the noncompliant internal standard qualified as estimated.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 2-butanone, acetone, benzene, ethylbenzene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for sample SSAS1-SCA-SB05-SS01-16 18.

The only TIC reported in the sample is azulene.

TCLP Volatiles

Four samples in this SDG were analyzed for TCLP parameters: SSAS1-SCB-SB02-SS01-4 6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCC-SB03-S01-1/2, and SSAS1-SCC-SB03-SS01-8/10.

The only TCLP target analyte detected in the samples was benzene in sample SSAS1-SCC-SB03-SS01-8/10.

The laboratory reported no problems associated with the preparation of analysis of the TCLP samples.

D1-1.2.3.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, MS/MSD outliers, field duplicate outliers, and calibration outliers.

Field duplicate precision outliers for SVOCs dibenz(a,h)anthracene, fluoranthene, anthracene, phenanthrene, and fluorene for the duplicates of sample SSAS1-SAC-SB06-SS01-0 6. Reported results for these analytes in the sample and duplicate have been qualified as estimated.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

The laboratory reported that the result for fluoranthene in sample SSAS1-SCA-SB06-SS01-4/6 exceeded the calibration range for the SVOC method. The sample was diluted and reanalyzed. The result reported in the data tables is the result from the diluted sample and has been flagged 'D'.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

An accuracy (percent recovery) outliers was reported for SVOC pentachlorophenol for the MS MSD associated with this SDG. The result reported for pentachlorophenol in the corresponding unspiked sample, SSAS1-SCA-SB06-SS01-0/6, has been qualified as estimated ("UJ5").

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. Some of these detections have been flagged "J1". All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for every sample in this SDG. The most commonly detected TICs in the samples included: phenolic isomers, anthracene isomers, biphenyl, docosane, dodecane, phenanthrene isomers, naphthalene isomers, unknown, and unknown PAH.

D1-1.2.3.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

Other QA/QC problems leading to qualification of data include: reported result above the MDL but below the PRL, and percent difference outliers.

The laboratory reported that the results for aroclor-1254 in sample SSAS1-SCA-SB06-SS01-0/6; 4,4'-DDD in sample SSAS1-SCA-SB09-SS01-0/6; and 4,4'-DDD in sample SSAS1-SCA-SB10-SS01-0/6 have been qualified as estimated ('J12') because the percent difference between results from the quantitation and confirmation columns exceeded the criteria of 25 percent.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I, endosulfan II, gamma chlordane, and methoxychlor. Most of these detections have been flagged 'J1'. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.3.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG. Some reported results for the following metals have been qualified as estimated ('J1'). These results are above the instrument detection limit but less than the PRL.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB020SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.3.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

Most reported results for pH in the samples have been qualified as estimated ('J2') due to holding time violations.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

D1-1.2.4 SDG AS04 Validation Report

SDG AS04 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included two field duplicates: SSAS1-SCA-SB103-SS01-1/2 is a duplicate of sample SSAS1-SCA-SB13-SS01-1/2 and SSAS1-SCA-SB104-SS01-1/2 is a duplicate of sample SSAS1-SCA-SB14-SS01-1/2.

Three samples were collected as MS/MSD samples: SSAS1-SCA-SB14-SS01-1/2, SSAS1-SCA-SB11-SS01-14/16, and SSAS1-SCA-SB13-SS01-0/6.

Four samples were collected and analyzed for TCLP parameters: SSAS1-SCA-SB14-SS01-1/2, SSAS1-SCA-SB14-SS01-4/6, SSAS1-SCA-SB14-SS01-1/2, and SSAS1-SCD-SB01-SS01-1/2.

No field blanks were collected with the samples in this SDG.

No reported results for samples in this SDG have been qualified as unusable.

Other QA/QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, holding time violations, MS/MSD outliers, laboratory blank contamination, percent difference outliers, field duplicate precision outliers, internal standard outliers, and a combination of one or more of these problems.

The laboratory reported that sample SSAS1-SCA-SB11-SS01-14/16 required dilution due to high levels of VOC TICs..

The laboratory reported a VOC internal standard outlier for sample SSAS1-SCA-SB12-SS01-0 6. The sample was reanalyzed and both sets of data was submitted. Based on an evaluation of the data, the results for the reanalysis with only one internal standard outlier have been reported. The target VOCs associated with the noncompliant internal standard have been qualified as estimated. Details regarding this problem are presented below.

D1-1.2.4.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG. Some reported results for acetone in the samples have been qualified as estimated ('J1')

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC MS Instrument Performance Check

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for sample SSAS1-SCA-SB12-SS01-0/6. Two internal standard outliers were reported for the original run while only one (chlorobenzene) was reported for the reanalysis. The target VOCs associated with the noncompliant internal standard in the reanalysis run have been qualified as estimated and reported in the data tables.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone, ethylbenzene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for most of the samples in this SDG. The most commonly detected TICs in the samples included: benzene isomers, indane,

indene, isopropyl alcohol, hexamethylcyclotrisiloxane, 3-methylchcylhexanone, and unknown benzene isomers.

TCLP Volatiles

Four samples in this SDG were analyzed for TCLP parameters: SSAS1-SCB-SB02-SS01-4/6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCC-SB03-S01-1/2, and SSAS1-SCC-SB03-SS01-8/10.

The only TCLP target analyte detected in the samples was benzene in sample SSAS1-SCC-SB03-SS01-8/10.

The laboratory reported no problems associated with the preparation of analysis of the TCLP samples.

D1-1.2.4.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG. Some reported detections have been qualified as estimated and flagged 'J1'.

Field duplicate precision outliers were calculated for SVOCs benzo(b)fluoranthene and chrysene for the duplicates of sample SSAS1-SCA=SB14-SS01-1/2. The reported results for these analytes in the duplicate samples have been qualified as estimated.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene. Some of these detections are above the MDL but below the PRL and have been qualified as estimates ('J1'). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for every sample in this SDG. The most commonly detected TICs in the samples included: cyclohexane isomers, aldol condensation product, alkene isomers, alkane isomers, benzene isomers, diphenyl, naphthalene isomers, pentadecane isomers, undecane isomers, unknown, and unknown PAH.

D1-1.2.4.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide PCB results have been qualified as unusable for samples in this SDG. Some reported results are above the MDL but below the PRL and have been flagged 'J1'. Some results have also been qualified as estimated due to percent difference outliers ('J12').

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, gamma-chlordane, and

methoxychlor. Most of these detections have been flagged 'J1'. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.4.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data include: reported results above the MDL but less than the PRL, MS/MSD outliers, and a combination of one or more of these problems.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination except for total cyanide. The reported result for total cyanide for sample SSAS1-SCA-SB14-SS01-0 6 has been qualified as not detected ('UB') due to laboratory blank contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

Accuracy outliers were reported for lead and total cyanide for the MS sample associated with the samples in this SDG. Reported results for these analytes in the associated samples have been qualified as estimates ('J5'/'UJ5').

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB02-SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.4.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods. All reported results for pH have been qualified as estimated ("J2") due to holding time violations.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for pH have been qualified as estimated due to holding time violations

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for holding time violations for reactive cyanide and reactive sulfide. Reported results for these analytes have been qualified as estimated ("UJ2").

D1-1.2.5 SDG AS05 Validation Report

SDG AS05 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide PCBs, metals, wet chemistry parameters (TOC, BTU per

pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included one field duplicate: SSAS1-SCF-SB92-SS01-0/6 is a duplicate of sample SSAS1-SCF-SB02-SS01-0/6.

Two samples were collected as MS/MSD samples: SSAS1-SCF-SB02-SS01-0/6 and SSAS1-SCF-SB02-SS01-14/16.

One sample was collected and analyzed for TCLP parameters: SSAS1-SCD-SB01-SS01-12/14.

No field blanks were collected with the samples in this SDG.

The laboratory reported that the following samples for pesticide/PCB analysis were reanalyzed outside holding time: SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6 and its duplicate sample, SSAS1-SCF-SB05-SS01-0/6, and SSAS1-SCG-SB01-SS01-0/6. The reanalyses were necessary due to laboratory blank contamination during the original analyses. The samples were re-extracted more than 30 days outside the extraction holding time. These results have been qualified as unusable.

Upon review of the contaminated laboratory blank and the results for both sets of results for the affected samples, the decision was made to report the results from the original runs and apply the blank validation rules to the data. Therefore the reanalysis data have not been included in the data tables. A discussion of the blank problem is presented below.

Other QA/QC problems leading to qualification of data included: reported results above the MDL but less than the PRL, holding time violations, calibration outliers, surrogate outliers, MS/MSD outliers, LCS outliers, laboratory duplicate outliers, field duplicate precision outliers, laboratory blank contamination, internal standard outliers, and a combination of one or more of these problems.

The laboratory also reported that several samples for VOC analysis required dilution due to levels of acetone above the calibration range or inappropriate dilutions. The following samples were affected: SSAS1-SCD-SB02-SS01-8/10, SSAS1-SCF-SB02-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6 (FIELD DUPLICATE), SSAS1-SCF-SB02-SS01-14/16, SSAS1-SCF-SB05-SS01-0/6, SSAS1-SCF-SB05-SS01-14/16, and SSAS1-SCG-SB01-SS01-16/18. Both sets of data was submitted and validated with the better data set reported in the data summary tables.

For samples SSAS1-SCD-SB02-SS01-8/10, SSAS1-SCF-SB02-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6, and SSAS1-SCF-SB02-SS01-14/16, results from the original run were reported for all target VOCs except for acetone which was reported from the reanalysis runs. The acetone results have been qualified as estimated due to holding time violations. For samples SSAS1-SCF-SB05-SS01-0/6, SSAS1-SCF-SB05-SS01-14/16, and SSAS1-SCG-SB01-SS01-16/18, all results from the reanalyses are reported.

The laboratory reported VOC internal standard outliers for samples SSAS1-SCF-SB02-SS01-0/6 and SSAS1-SCF-SB03-SS01-0/6. Sample SSAS1-SCF-SB03-SS01-0/6 was reanalyzed with both sets of data submitted. The other sample was not reanalyzed. Based on an evaluation of the reported results, the reanalysis run for sample SSAS1-SCF-SB03-SS01-0/6 was reported as was the only run reported for the other sample. Target VOCs associated with the noncompliant internal standard have been qualified as estimated. Details regarding this problem are presented below.

D1-1.2.5.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data included: reported results above the MDL but less than the PRL, holding time violations, calibration outliers,

surrogate outliers, laboratory blank contamination, field duplicate precision outliers, and a combination of one or more of these problems.

A field duplicate outlier was calculated for methylene chloride for the duplicates of samples SSAS1-SCF-SB02-SS01-0/6. The reported result for this analyte in the duplicate samples have been qualified as estimated.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW except for the reanalysis runs for samples SSAS1-SCD-SB02-SS01-8/10, SSAS1-SCF-SB02-SS01-1/2, SSAS1-SCF-SB02-0/6, and SSAS1-SCF-SB02-SS01-14/16.

These samples required reanalysis due to levels of acetone above the calibration range. The reported results for these reanalyses have been qualified as estimated due to the holding time violations. Only the results for acetone are reported from these reanalyses.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

As indicated above four samples required reanalysis due to calibration exceedance. The analyte affected was acetone. Reported results for acetone in the four samples (See holding time above) have been qualified as estimated ('J3').

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination except for the common laboratory contaminants methylene chloride and acetone.

Reported results for methylene chloride in the following samples have been qualified as non-detects ("UB") due to laboratory blank contamination: SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCD-SB02-SS01-1/2, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB01-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6, and SSAS1-SCF-SB03-SS01-0/6(RE), SSAS1-SCF-SB03-SS01-1/2RE, SSAS1-SCF-SB05-SS01-0/6RE, SSAS1-SCF-SB05-SS01-1/2, SSAS1-SCG-SB01-SS01-0/6, SSAS1-SCG-SB01-SS01-1/2, and SSAS1-SCG-SB01-SS01-16/18RE.

Reported results for acetone in the following samples have been qualified as non-detects ("UB"): SSAS1-SCF-SB03-SS01-1/2RE,SSAS1-SCF-SB05-SS01-1/2, and SSAS1-SCG-SB01-SS01-16/18RE.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCF-SB03-SS01-0/6. The reported surrogate recoveries exceeded the control limits. Reported detections of acetone and methylene chloride in the sample have been qualified as estimated ("J4"). This sample required reanalysis and only the results from the reanalysis are reported in the data tables.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for samples SSAS1-SCF-SB02-SS01-0/6 and SSAS1-SCF-SB03-SS01-0/6. VOC internal standard outliers were reported for these samples. Sample SSAS1-SCF-SB03-SS01-0/6 was originally analyzed and reported all three internal standards out. Upon reanalysis two internal standards (difluorobenzene and chlorobenzene) reported outliers. The results from the reanalysis run have been reported with the appropriate results qualified ('UJ9') due to the internal standard outliers.

Sample SSAS1-SCF-SB02-SS01-0/6 was not reanalyzed. Since only one of the three internal standards was out (chlorobenzene), all results associated with the noncompliant internal standard, for this sample have been qualified as estimated ('UJ9').

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone and methylene chloride. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for every sample in this SDG. The most commonly detected TICs in the samples included: benzene isomers, unknown, isopropyl alcohol, hexamethylcyclotetrasiloxane, and unknown aromatic hydrocarbon.

TCLP Volatiles

Four samples in this SDG were analyzed for TCLP parameters: SSAS1-SCB-SB02-SS01-4/6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCC-SB03-S01-1/2, and SSAS1-SCC-SB03-SS01-8/10.

No TCLP target analyte was detected in the samples.

The laboratory reported no problems associated with the preparation of analysis of the TCLP samples except for sample SSAS1-SSCD-SB01-SS01-12/14 which was analyzed

outside the required holding time. Although no TCLP analytes were detected in the sample the reported results have been qualified as estimated ('UJ2').

D1-1.2.5.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data included: reported results above the MDL but below the PRL, and MS/MSD outliers.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

Accuracy (percent recovery) outliers were reported for the MS/MSD for SVOC analysis for pentachlorophenol. The reported result for pentachlorophenol in the corresponding unspiked sample, SSAS1-SCF-SB02-SS01-0/6, has been qualified as estimated ('UJ5').

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: acenaphthene, acenaphthylene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, benzo(a)pyrene, dibenz(a,h)anthracene, benzo(k)fluoranthene, benzo(b)fluoranthene and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCF-SB05-SS-1-0/6, SSAS1-SCD-SB01-SS01-12/14, SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6, SSAS1-SCF-SB03-SS01-0/6,

SSAS1-SCF-SB05-SS01-0 6, SSAS1-SCF-SB02-SS01-0/6(FR1), and SSAS1-SCG-SB01-SS01-0 6.

The most commonly detected TICs in the samples included: unknown PAH, aldol condensation product, unknown, and unknown hydrocarbon.

D1-1.2.5.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

As indicated above some samples for pesticide analysis were reanalyzed due to lab blank contamination. The reanalyses were performed well beyond holding time resulting in qualification of the sample results as unusable. However, these results were not reported in the data tables since the results from the original run have been deemed the better data set.

A field duplicate precision outlier was calculated for target pesticide dieldrin for the duplicates of sample SSAS1-SCF-SB02-SS01-0/6. The reported result for this analyte in the duplicate samples have been qualified as estimated.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW except for the samples indicated above.

GC ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination except for target analyte methoxychlor. Reported results for methoxychlor in the following samples have been qualified as nondetected ('UB'): SSAS1-SCF-SB05-SS01-0/6, SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6 (FR1), and SSAS1-SCG-SB01-SS01-0/6.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCD-SB02-SS01-0/6. Reported results for this sample have been qualified as estimated as appropriate.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-BHC, alpha-chlordane, arclor-1254,

dieldrin, endrin, gamma-chlordane, and heptachlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.5.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data included: reported results above the MDL but below the PRL, LCS outliers, and laboratory duplicate outliers.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs except for total cyanide in the LCS associated with the following samples: SSAS1-SB05-SS01-14/16, SSAS1-SCF-SB01-SS01-1/2, SSAS1-SCG-SB01-SS01-0/6, SSAS1-SCF-SB03-SS01-1/2, SSAS1-SCD-SB01-SS01-12/14, and SSAS1-SCF-SB02-SS01-0/6. The reported recoveries reported for total cyanide was above the UCL. The reported detections of total cyanide in the samples have been qualified as estimated.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

Precision outliers were reported for the laboratory duplicates for chromium for this SDG all reported results for chromium in the samples have been qualified as estimated ('J8').

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB020SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.5.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data included: holding time violations.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for reactive cyanide and reactive sulfide for sample SSAS1-SCD-SB01-SS01-12/14 and all pH results. All affected results have been qualified as estimated ('J2'/'UJ2').

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for the holding time violations for reactive cyanide and reactive sulfide for sample SSAS1-SCD-SB01-SS01-12/14.

D1-1.2.6 SDG AS06 Validation Report

SDG AS06 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included two field duplicates: SSAS1-SCE-SB93-SS01-1/2 is a duplicate of samples SSAS1-SCE-SB03-SS01-1/2 and SSAS1-SCG-SB91-SS01-16/18 is a duplicate of sample SSAS1-SCG-SB01-SS01-16/18.

Two samples were collected as MS/MSD samples: SSAS1-SCE-SB02-SS01-0/6 and SSAS1-SCE-SB03-SS01-1/2.

No samples were collected for TCLP parameters for this SDG.

No field blanks were collected with the samples in this SDG.

The result reported for SVOC pentachlorophenol for sample SSAS1-SCE-SB03-SS01-1/2 has been qualified as unusable due to poor MS/MSD accuracy results. Details regarding this problem are presented below.

Other QA/QC problems leading to qualification of data included: reported results above the MDL but below the PRL, calibration outliers, surrogate outliers, MS/MSD outliers, percent difference outliers, field duplicate precision outliers, and a combination of one or more of these problems.

The laboratory reported that several VOC TICs for sample SSAS1-SCG-SB01-SS01-16/18 may be due to laboratory carryover contamination.

D1-1.2.6.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Other QA QC problems leading to qualification of data included: reported results above the MDL but below the PRL, calibration outliers, field duplicate precision outliers, and a combination of one or more of these problems.

Field duplicate precision outliers were calculated for VOCs acetone and methylene chloride for the duplicates of sample SSAS1-SCG-SB01-SS01-16/18. Reported results for these analytes in the duplicates have been qualified as estimated.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

The laboratory reported that the result reported for acetone for sample SSAS1-SCD-SB03-SS01-4 6 exceeded the calibration range and has been qualified as estimated ('J3'). The sample was diluted and reanalyzed to obtain a better result. The result from the reanalysis has been reported in the data tables.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 2-butanone, 4-methyl-2-pentanone, acetone, ethylbenzene, methylene chloride, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for the following samples in this SDG: SSAS1-SCD-SB03-SS01-0/6, SSAS1-SCD-SB03-SS01-1/2, SSAS1-SCD-SB03-SS01-4/6, SSAS1-SCE-SB02-SS01-0/6, SSAS1-SCE-SB02-SS01-1/2, SSAS1-SCE-SB03-SS01-0/6, SSAS1-SCE-SB03-SS01-1/2, SSAS1-SCE-SB03-SS01-8/10, SSAS1-SCE-SB04-SS01-1/2, SSAS1-SCF-SB04-SS01-0/6, and SSAS1-SCG-SB01-SS01-16/18 (FR1).

The most commonly detected TICs in the samples included: benzene isomers, hexamethylcyclotrisiloxane, indane, isopropyl alcohol, unknown, and unknown hydrocarbon.

D1-1.2.6.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

The result reported for SVOC pentachlorophenol for sample SSAS1-SCE-SB03-SS01-1/2 has been qualified as unusable due to poor accuracy results for the associated MS/MSD samples.

Other QA/QC problems leading to qualification of the data included: reported results above the MDL but below the PRL, MS/MSD outliers, field duplicate precision outliers, and a combination of one or more of these problems.

Field duplicate precision outliers were calculated for the following SVOCs for the duplicates of sample SSAS1-SCE-SB03-SS01-1/2: benzo(b/k)fluoranthene, phenanthrene, chrysene, indeno(1,2,3-cd)pyrene, fluoranthene, benzo(a)pyrene, benzo(a)anthracene, pyrene, anthracene, fluorene, acenaphthene, benzo(g,h,i)perylene, and dibenz(a,h)anthracene. Reported results for these analytes in the duplicate samples have been qualified as estimated.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC MS Instrument Performance Check (Tuning)

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Samples SSAS1-SCC-SB01-SS01-12/14 and SSAS1-SCE-SB03-SS01-1/2 were collected as the MS/MSD samples associated with this SDG.

Accuracy (percent recovery) outliers were reported for SVOCs 1,2,4-trichlorobenzene and 1,4-dichlorobenzene for the MS/MSD associated with the SVOC analysis.

Reported results for these analytes in the corresponding unspiked sample, SSAS1-SCE-SB03-SS01-1/2, have been qualified as estimated ('UJ5').

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, naphthalene, indeno(1,2,3-cd)pyrene, phenanthrene, dibenzofuran, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCD-SB03-SS01-0/6, SSAS1-SCE-SB02-SS01-0/6, SSAS1-SCE-SB03-SS01-0/6, SSAS1-SCE-SB04-SS01-0/6, SSAS1-SCF-SB04-SS01-0/6, SSAS1-SCF-SB04-SS01-1/2, and SSAS1-SCF-SB04-SS01-8/10.

The most commonly detected TICs in the samples included: unknown, unknown PAH, aldol condensation product, unknown hydrocarbon, and dibenzothiophene.

D1-1.2.6.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide PCB results have been qualified as unusable for samples in this SDG.

Other QA QC problems leading to qualification of data included: reported results above the MDL but below the PRL, surrogate outliers, percent difference outliers and a combination of one or more of these problems.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCE-SB03-SS01-0/6. Reported results for this sample have been qualified as estimated ('J4'/'UJ4').

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I, endosulfan II, gamma-chlordane, and methoxychlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW except for sample SSAS1-SCF-SB04-SS01-8/10.

The laboratory reported that the percent difference between the quantitation and confirmation columns for target analyte 4,4'-DDT for this sample exceeded the control limit of 25 percent. The result reported for this analyte for this sample has been qualified as estimated.

D1-1.2.6.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

D1-1.2.6.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

D1-1.2.7 SDG AS07 Validation n Report

SDG AS07 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide PCBs, metals, wet chemistry parameters (TOC, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples included three field duplicates: SSAS1-SCC-SB94-SS01-0 6 is a duplicate of SSAS1-SCC-SB04-SS01-0 6, SSAS1-SCA-SB105-SS01-1 2 is a duplicate of SSAS1-SCA-SB15-SS01-1 2, and SSAS1-SCF-SB78-SS01-1/2 is a duplicate of SSAS1-SCF-SB08-SS01-1 2.

Sample SSAS1-SCA-SB15-SS01-1/2 was collected as the MS/MSD sample associated with this SDG.

Sample SSAS1-SCA-SB15-SS01-12/14 was collected and analyzed for the selected TCLP parameters.

No field blanks were collected with the samples in this SDG.

Reported results for SVOCs pentachlorophenol and pyrene for sample SSAS1-SCA-SB15-SS01-1/2 have been qualified as unusable due to poor accuracy results for the MS/MSD associated with the sample.

Other QA/QC problems leading to qualification of data include reported results above the MDL but less than the PRL, holding time violations, MS/MSD outliers, laboratory duplicate outliers, field duplicate precision outliers, and a combination of one or more of these problems.

D1-1.2.7.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data include reported results above the MDL but less than the PRL.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 1,1-dichloroethene, acetone, benzene, chlorobenzene, styrene, toluene, trichloroethene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for the following samples in this SDG: SSAS1-SCB-SB07-SS01-10/12, and SSAS1-SCG-SB06-SS01-4/6 The most commonly detected TICs in the samples included: benzene isomers, hexamethylcyclotrisiloxane, indane, indene, and isopropyl alcohol.

TCLP Volatiles

Four samples in this SDG were analyzed for TCLP parameters: SSAS1-SCB-SB02-SS01-4/6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCC-SB03-S01-1/2, and SSAS1-SCC-SB03-SS01-8/10.

The only TCLP target analyte detected in the samples was benzene in sample SSAS1-SCC-SB03-SS01-8/10.

The laboratory reported no problems associated with the preparation of analysis of the TCLP samples.

D1-1.2.7.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

Accuracy outliers were reported for the MS/MSD samples associated with sample SSAS1-SCA-SB15-SS01-1/2 for SVOCs pentachlorophenol and pyrene. Reported results for these analytes in this sample have been qualified as unusable due to the accuracy outliers.

Other QA/QC problems leading to qualification of data include reported results above the MDL but less than the PRL and field duplicate precision outliers.

Field duplicate outliers were calculated for the following SVOCs in the duplicate samples for SSAS1-SCA-SB15-SS01-1 2: pyrene, anthracene, indeno(1,2,3-cd)pyrene, fluoranthene, benzo(a)pyrene, phenanthrene, benzo(a)anthracene, benzo(b/k)fluoranthene, benzo(g,h,i)perylene, and chrysene. Reported results for these analytes in the duplicate samples have been qualified as estimated.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

The laboratory reported no recovery (0 percent) for SVOCs pentachlorophenol and pyrene for the MS/MSD samples associated with this SDG. Reported results for these analytes in the unspiked sample, SSAS1-SCA-SB15-ss01-1/2, have been qualified as unusable.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, 4-methylphenol, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, carbazole, chrysene, benzo(b/k)fluoranthene, fluoranthene, fluorene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the one samples in this SDG:, SSAS1-SCA-SB15-SS01-12/14. The most commonly detected TICs in the sample included: biphenyl, indene, unknown, and unknown PAH.

D1-1.2.7.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

Other QA/QC problems leading to qualification of data include reported results above the MDL but less than the PRL, laboratory blank contamination, and a combination of one or more of these problems.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination except for methoxychlor in the laboratory blank associated with sample SSAS1-SCA-SB15-SS01-12/14. The reported result for methoxychlor for this sample has been qualified as not detected ("UB").

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, alpha-chlordane, endosulfan II, and methoxychlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.7.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data include reported results above the MDL but less than the PRL, MS/MSD outliers, laboratory duplicate outliers, and a combination of one or more of these problems.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG except for lead. All reported results for lead in the samples have been qualified as estimated ("J8").

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis except for arsenic. All reported results for arsenic in the samples have been qualified as estimated ('J5'/'UJ5').

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB020SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.7.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for reactive cyanide and reactive sulfide in the TCLP sample and all holding time for pH. Reported results for these analytes in the TCLP sample have been qualified as estimated. Also all reported results for pH have been qualified as estimated.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for the holding time violation mentioned above for reactive cyanide and reactive sulfide.

D1-1.2.8 SDG AS08 Validation Report

SDG AS08 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

Two MS MSD samples were collected: SSAS1-SCE-SB06-SS01-6 8, and SSAS1-SCA-SB16-SS01-12 14.

No field blanks or TCLP samples were collected with the samples in this SDG.

No reported results for samples in this SDG have been qualified as unusable.

Other QA QC problems leading to qualification of data include reported results above the MDL but less than the PRL, holding time violations, calibration outliers, and laboratory duplicate outliers.

D1-1.2.8.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

The laboratory that the result for xylenes (total) for sample SSAS1-SCA-SB16-SS01-12/14 exceeded the calibration range for the method. This result has been qualified as estimated ('J3'). The sample was not diluted and reanalyzed as required by the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12 14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone, benzene, ethylbenzene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for one sample in this SDG: SSAS1-SCA-SB16-SS01-12/14. The detected TICs in the sample included: propylbenzene, benzofuran, indane, indene, unknown aromatic hydrocarbon, and unknown hydrocarbon.

D1-1.2.8.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data include reported results above the MDL but below the PRL, and calibration outliers.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP S0OW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

The laboratory reported that several SVOC exceeded the calibration range for sample SSAS1-SCA-SB16-SS01-12/14. The affected compounds include pyrene, fluoranthene, anthracene, anthracene, phenanthrene, fluorene, and naphthalene. Reported results for these analytes in this sample have been qualified as estimated ('J3'). The sample was diluted and reanalyzed and the results from the diluted sample have been reported in the data tables.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b/k)fluoranthene, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

No TICs were detected in any of the samples in this SDG.

D1-1.2.8.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12'14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

No target pesticide/PCBs were detected in any of the samples in this SDG.

D1-1.2.8.4 Metals

Overall Assessment

The following target metals were detected in one or more of the samples in this SDG: arsenic, barium, cadmium, chromium, lead, silver, mercury, and total cyanide. All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data include reported results above the MDL but below the PRL, and laboratory duplicate outliers.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

Precision outliers were reported for target metal lead for the laboratory duplicates for metals for this SDG. Reported results for lead in the samples have been qualified as estimated ('J8').

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

D1-1.2.8.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods except for the holding time violation of pH.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, BTU per pound, and pH) were performed within the holding time specified in the QAPP except for pH. All samples for pH analysis were analyzed beyond the holding time suggested for this analyte. All reported results for pH have been qualified as estimated.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

D1-1.2.9 SDG AS09 Validation Report

SDG AS09 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide PCBs, metals, wet chemistry parameters (TOC, BTU per pound, sulfur, and pH).

The samples collected included two field duplicate samples SSAS1-SCG-SB93-SS01-1 2 is a duplicate of SSAS1-SCG-SB03-SS01-1 2 and SSAS1-SCG-SB94-SS01-8 10 is a duplicate of SSAS1-SCG-SB04-SS01-8 10.

Three samples were collected as MS/MSDs for this SDG: SSAS1-C1-SD01MMSD, SSAS1-SCG-SB03-SS01-12/14, and SSAS1-SCA-SB02-SS01-0/6.

No field blanks or TCLP samples were collected with the samples in this SDG.

Some reported results for mercury have been qualified as unusable due to MS outliers. Also reported results for target SVOCs pentachlorophenol and 4-nitrophenol for sample SSAS1-SCG-SB03-SS01-12/14 have been qualified as unusable due to MS/MSD outliers.

Other QA/QC problems leading to qualification of data include reported results above the MDL but below the PRL, laboratory blank contamination, holding time violations, MS/MSD outliers, field duplicate precision outliers, and a combination of one or more of these problems.

D1-1.2.9.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Field duplicate outliers were calculated for VOCs acetone, ethylbenzene, and xylenes (total) for the duplicates of samples SSAS1-SCG-SB04-SS01-8/10. Reported results for these analytes in the duplicate samples have been qualified as estimated.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone, benzene, chloroform, ethylbenzene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for the following samples in this SDG: SSAS1-SCF-SB06-SS01-0/6, SSAS1-SCF-SB06-SS01-1/2, SSAS1-SCF-SB06-SS01-14/16, SSAS1-SCG-SB02-SS01-0/6, SSAS1-SCG-SB02-SS01-1/2, SSAS1-SCG-SB02-SS01-8/10, SSAS1-SCG-SB03-SS01-1/2, SSAS1-SCG-SB03-SS01-12/14, SSAS1-SCG-SB03-SS01-4/6, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB04-SS01-1/2, SSAS1-SCG-SB04-SS01-8/10, SSAS1-SCG-SB05-SS01-10/12, SSAS1-SCG-SB03-SS01-1/2, and SSAS1-SCG-SB04-SS01-8/10.

The most commonly detected TICs in the samples included: benzene isomers, cyclohexane isomers, indane, indene, isopropyl alcohol, unknown, unknown aromatic hydrocarbon, hexamethylcyclotrisiloxane, and propylbenzene.

D1-1.2.9.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthalene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b/k)fluoranthene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCF-SB06-SS01-0/6, SSAS1-SCG-SB03-SS01-0/6, SSAS1-SCG-SB03-SS01-1/2, SSAS1-SCG-SB03-SS01-12/14, SSAS1-SCG-SB03-SS01-4/6, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB05-SS01-1/2, and SSAS1-SCG-SB03-SS01-1/2.

The most commonly detected TICs in the samples included: aldol condensation product, biphenyl, dibenzothiophene, unknown, and unknown PAH.

D1-1.2.9.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

One field duplicate sample was included in this SDG: SSAS1-SCA-SB -SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8. No precision outliers were found for the pesticide/PCB analysis for the duplicate samples.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.9.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

One field duplicate sample was included in this SDG: SSAS1-SCA-SB01-SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8. No precision outliers were reported for the metals for the duplicate samples.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs except for total cyanide for the LCS associated with the following samples: SSAS1-SCG-SB04-SS01-8/10, SSAS1-C1-SD01, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB02-SS01-0/6, SSAS1-SCG-SB02-SS01-1/2, and SSAS1-SCF-SB06-SS01-1/2. The reported recoveries for total cyanide in the LCS was below the lower control limit (LCL). Reported results for these analytes in the associated samples have been qualified as estimated.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

Two samples in this SDG were analyzed for TCLP metals: SSAS1-SCB-SB02-SS01-4/6 and sample SSAS1-SCB-SB020SS01-1/2.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.9.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

One field duplicate sample was included in this SDG: SSAS1-SCA-SB01-SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8. No precision outliers were reported for the wet chemistry parameters.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy or precision outliers were reported for the MS/MSD for the wet chemistry analyses.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

D1-1.2.10 SDG AS10 Validation Report

SDG AS10 contained the analytical data for 6 soil and 6 aqueous samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, BTU per pound, pH, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included two MS/MSDs: SSAS1-SCA-TW01-GW01, and SSAS1-SCG-SB07-SS01-8/10.

The samples collected included one equipment blank and two trip blanks. The trip blanks were analyzed for VOCs only and are free of VOC contamination. The equipment blank contained VOC chloroform, SVOC phenol, and target metal barium. Details regarding the contamination in the equipment blank are presented below.

One samples, SSAS1-SCG-SB07-SS01-8/10 was collected and analyzed for the TCLP parameters.

Some reported results for target metals lead, selenium, and mercury have been qualified as unusable due to MS MSD outliers. The percent recoveries reported for these analytes in the associated MS MSD was less than 30 percent.

Other QA/QC problems leading to qualification of data included holding time violations, laboratory blank contamination, internal standard outliers, surrogate outliers, results above the MDL but below the PRL, and a combination of one or more of these problems.

D1-1.2.10.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading to qualification of data include surrogate outliers, results above the MDL but below the PRL, internal standard outliers, and a combination of one or more of these problems.

The laboratory reported internal standard outliers for samples SSAS1-BG1-SB01-SS01-0/2, and SSAS1-BG1-SB01-SS01-6/8. Both samples were reanalyzed with both sets of data submitted. Based on an evaluation of the reported data, the reanalysis runs for both samples have been qualified as necessary and reported in the data tables. Details regarding this problem are presented below.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination except for chloroform (17 ppb) in the equipment. No data have been qualified since chloroform was not detected in any of the samples.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-BG1-SB01-SS01-6/8 which reported surrogate outliers. Reported results for this sample have been qualified as estimated.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Two samples SSAS1-SCG-SB07-SS01-8\10 and SSAS1-SCA-TW01-GW01 were collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for samples SSAS1-BG1-SB01-SS01-0 2, and SSAS1-BG1-SB01-SS01-6/8. At least two of the three internal standard reported outliers for the original runs for both samples while only one outlier was reported for the reanalysis runs for both samples. The reanalysis runs for both samples have been reported. Target VOCs associated with the noncompliant internal standard, chlorobenzene, have been qualified as estimated.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone, benzene, carbon tetrachloride, chloroform, ethylbenzene, methylene chloride, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for every sample in this SDG. The most commonly detected TICs in the samples included: unknown, unknown hydrocarbon, benzene isomers, indane, indene, isopropyl alcohol, hexamethylcyclotrisiloxane, and unknown aromatic hydrocarbon.

TCLP Volatiles

One sample in this SDG was analyzed for TCLP parameters: SSAS1-SCG-SB07-SS01-8/10.

No TCLP target analytes were detected in the sample.

The laboratory reported no problems associated with the preparation of analysis of the TCLP samples.

D1-1.2.10.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

Other QA/QC problems leading toe qualification of data include results above the MDL but below the PRL, surrogate outliers, and a combination of one or more of these problems.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC MS Instrument Performance Check (Tuning)

GC MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination except for phenol (1 ppb) in the equipment. No data have been qualified since phenol was not detected in any of the samples.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW except for sample SSAS1-SCG-TW03-TW01. Reported results for this sample have been qualified as estimated.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12 14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, fluorene, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b/k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for every sample in this SDG: The most commonly detected TICs in the samples included: unknown, unknown PAH, aldol condensation product, and naphthalene isomers.

D1-1.2.10.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

Other QA/AQC problems leading toe qualification of data include results above the MDL but below the PRL, percent difference greater than 25 percent between the

quantitation and confirmation columns, and a combination of one or more of these problems.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, and chlordane. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.10.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

Reported results for target metals lead, selenium, and mercury have been qualified as unusable for this SDG due to MS/MSD outliers.

Other QA/QC problems leading to qualification of data include reported results above the MDL but below the PRL, laboratory blank contamination and a combination of one or more of these problems.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW except for total cyanide. Reported results for total cyanide for the following samples have been qualified as nondetected (UB): SSAS1-BG1-SB01-SS01-6/8, SSAS1-BG1-SB01-SS01-12/14, SSAS1-BG1-SB01-SS01-0/2, SSAS1-SCG-SB07-SS01-2/4, SSAS1-SCG-SB07-SS01-0/6, and SSAS10SCG-SB07-SS01-8/10.

All laboratory blanks were free of metals contamination except as described above. Also, barium was detected in the equipment blank (7.2 ppb). No data have been qualified since barium was not detected in any of the associated samples.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

D1-1.2.10.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods except for holding time violations for reactive cyanide, reactive sulfide and pH.

No reported wet chemistry results have been qualified as unusable for this SDG.

One field duplicate sample was included in this SDG: SSAS1-SCA-SB01-SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8. No precision outliers were reported for the wet chemistry parameters.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for sample SSAS1-SCA-SB15-SS01-12/14 (reactive cyanide and reactive sulfide) and pH for samples SSAS1-BG1-SB01-SS01-12/14, SSAS1-BG1-SB01-SS01-0/2, SSAS1-BG1-SB01-SS01-6/8, SSAS1-SCG-SB07-SS01-8/10, and SSAS1-SCG-SB07-SS01-0/6. Reported results for these analytes in the affected samples have been qualified as estimated.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy or precision outliers were reported for the MS/MSD for the wet chemistry analyses.

TCLP Parameters

One sample in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for the holding time violation for reactive cyanide and reactive sulfide. Reported results for these analyte in the affected sample have been qualified as estimated.

D1-1.2.11 SDG AS11 Validation Report

SDG AS11 contained the analytical data for 20 soil samples collected and analyzed for VOCs, SVOCs, pesticide/PCBs, metals, wet chemistry parameters (TOC, and sulfur), and TCLP parameters (volatiles, metals, reactive cyanide, reactive sulfide, and flashpoint) for selected samples.

The samples collected included one field duplicate : SSAS1-SCB-SB104-SS01-1/2 is a duplicate of SSAS1-SCB-SB14-SS01-1/2.

The samples collected included two MS/MSDs: SSAS1-SCG-SB08-SS01-8/10 and SSAS1-SCG-SB09-SS01-1/2.

Sample SSAS1-SCG-SB07-SS01-2/4 was collected and analyzed for the TCLP parameters.

Other QA/QC problems leading to qualification of data include results above the MDL but below the PRL, laboratory blank contamination, and a combination of one or more of these problems.

The laboratory reported VOC internal standard outliers for samples SSAS1-SCG-SB08-SS01-12/14, and SSAS1-SCG-SB04-SS01-8/10. Both samples were reanalyzed with both sets of data reported. Based on the evaluation of the data, the original run data has been reported for both samples. The reported results have been qualified as necessary. Details regarding this problem are presented below.

D1-1.2.11.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

Two field duplicates samples were included in this SDG: SSAS1-SCB-SB91-SS01-4/6 is a duplicate of sample SSAS1-SCB-SB01-SS01-4/6 and SSAS1-SCB-SB95-SS01-0/6 is a duplicate of sample SSAS1-SCB-SB05-SS01-0/6. No precision outliers were found for the VOC analyses for the duplicate samples.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination except for acetone in the laboratory blank associated with sample SSAS1-SCB-SB01-SS01-12/14. The reported result for acetone in the sample has been qualified as a non-detect (UB).

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for the reanalysis run for sample SSAS1-SCG-SB08-SS01-12/14, which reported surrogate outliers. Reported results for this sample have been qualified as estimated.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for sample SSAS1-SCG-SB08-SS01-12/14 and SSAS1-SCG-SB09-SS01-8/10. Both samples were reanalyzed with both sets of data submitted. Based on the evaluation of the data the results from the original runs for both sample have been reported with the analytes associated with the noncompliant internal standard qualified as estimated.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 2-butanone, 4-methyl-2-pentanone, acetone, benzene, carbon disulfide, chloroform, ethylbenzene, styrene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified compounds were reported for 18 of the 21 samples in this SDG. The most commonly detected TICs in the samples included: benzene isomers, hexamethyltrisiloxane, isopropyl alcohol, indane and indene.

TCLP Volatiles

One sample was collected and analyzed for TCLP parameters: SSAS1-SCG-SB07-SS01-2/4.

No TCLP target analyte was detected in the sample.

The laboratory reported no problems associated with the preparation of analysis of the TCLP sample except for the holding time violation for the TCLP VOC analysis. Reported results for TCLP VOCs have been qualified as estimated.

D1-1.2.11.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

No reported SVOC results have been qualified as unusable (rejected) for this SDG.

One field duplicate sample was included in this SDG: SSAS1-SCA-SB -SS01-6/8 is a duplicate of sample SSAS1-SCA-SB01-SS01-6/8. No precision outliers were found for the SVOC analyses for the duplicate sample.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthalene, acenaphthylene, anthracene, benzo(a)pyrene, benzo(a)anthracene, carbazole, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene. . All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Tentatively Identified Compounds (TICs)

Tentatively identified SVOCs were reported for the following samples in this SDG: SSAS1-SCG-SB08-SS01-1/2 and SSAS1-SCG-SB09-SS01-1/2 The most commonly detected TICs in the samples included: dibenzothiophene, unknown, and unknown PAH.

D1-1.2.11.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

Other QA/QC problems leading to qualification of data included results above the MDL but below the PRL, percent difference above 25 percent , and a combination of one or more of these problems.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I, gamma-chlordane, and methoxychlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D1-1.2.11.4 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

No reported metals results have been qualified as unusable for this SDG.

Other QA/QC problems leading to qualification of data included lab blank contamination, MS/MSD outliers, laboratory duplicate outliers and a combination of one or more of these problems.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination except for total cyanide. Some reported results for total cyanide have been qualified as nondetected due to blank contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG except for arsenic chromium, and lead. All reported results for these metals have been qualified as estimated

Matrix Spike Samples (MS)

Sample SSAS1-SCC-SB01-SS01-12'14 was collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis except for total cyanide and selenium. Some reported results for these analytes have been qualified as estimated.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

TCLP Metals

One sample in this SDG was analyzed for TCLP metals: SSAS1-SCG-SB07-SS01-2/4.

No target TCLP metals were detected in the samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D1-1.2.11.5 Wet Chemistry Parameters

Overall Assessment

The following target analytes were detected in one or more of the samples in this SDG: pH, BTU per pound, sulfur.

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No reported wet chemistry results have been qualified as unusable for this SDG.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for sulfur (SSAS1-SCG-SB07-SS01-2/4 and PAHs in the following samples SSAS1-SCG-SB08-SS01-2/4, SSAS1-SCG-SB08-SS01-1/2, SSAS1-SCG-SB08-SS01-8/10, SSAS1-SCG-SB09-SS01-1/2, SSAS1-SCG-SB09-SS01-6/8, and SSAS1-SCG-SB09-SS01-8/10. Reported results for these analytes have been qualified as estimated.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy or precision outliers were reported for the MS/MSD for the wet chemistry analyses.

TCLP Parameters

Two samples in this SDG were analyzed for the TCLP parameters (reactive cyanide, reactive sulfide, and flashpoint).

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

APPENDIX D2
LEVEL 4 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

APPENDIX D2
LEVEL 4 DATA VALIDATION REPORTS
BY SAMPLE DELIVERY GROUP

D2-1.1 INTRODUCTION

A quality assurance summary report has been prepared for each sample delivery group (SDG) to present the findings of the Level IV data validation process for that SDG. These reports are presented below. Only those parameters subjected to the Level IV validation are discussed in each SDG. Refer to Section 4 of the Data Report for a general discussion of the data validation approach utilized for this project data, and for discussions on overall data accuracy, precision and completeness.

D2-1.2 INDIVIDUAL VALIDATION REPORTS

D2-1.2.1 SDG AS01 Validation Report

All samples and analyses for AS01 have been subjected to the Level IV validation process. The following is a summary of the QA/QC issues addressed during the Level IV validation. There is obviously some repetition of information between the Level III and IV validation while greater details are presented for other items.

A false nondetect was reported for VOC acetone for sample SSAS1-SCB-SB01-SS01-4/6 (Field Replicate sample). During the validation process this laboratory error was discovered. The compound was detected in the sample at 1100 ppb. The data table contains the correct value.

The other QA/QC issue leading to additional qualification of results was initial and continuing calibration outliers and recalculation of the results for 4-methyl-2-pentanone. Although no data for this compound have been changed, the results have been validated to ensure that there are no false negatives for this compound. Details regarding the additional qualifications are presented below.

D2-1.2.1.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

The only QA/QC issue leading to qualification of the reported results was internal standard outliers.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. Except as indicated below, all calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

A total of three initial calibrations (ICAL) were analyzed in support of the VOC analyses for this SDG. One of the three ICALs failed the percent relative standard deviation (%RSD) criterion (<30%). The reported %RSD for target analyte bromomethane was 38.3%. The reported results for this analyte in the following associated samples have been qualified as estimated: SSAS1-SCC-SB01-SS01-0/6, SSAS1-SCC-SB02-SS01-1/2, SSAS1-SCC-SB03-SS01-0/6, SSAS1-SCB-SB01-S01-1/2, SSAS1-SCB-SB01-SS01-4/6, SSAS1-SCB-SB05-SS01-0/6(FR1), SSAS1-SCB-SB05-SS01-1/2, SSAS1-SCB-SB05-SS01-6/8, SSAS1-SCB-SB03-SS01-0/6, and SSAS1-SCB-SB03-SS01-1/2.

A total of five continuing calibration checks (CCALs) were analyzed in support of the VOC analyses for this SDG. CCAL outliers (percent difference) were reported for at least one target analyte in four of the five CCALs. Target analytes with percent difference (%D) results above the criterion (<25%) were: 2-butanone, acetone, 4-methyl-2-pentanone, and 2-hexanone. Reported results for one or more of these analytes in the following associated samples have been qualified as estimated: SSAS1-SCC-SB01-SS01-1/2, SSAS1-SCC-SB01-SS01-0/6, SSAS1-SCC-SB02-SS01-0/6, SSAS1-SCC-SB02-SS01-1/2, SSAS1-SCC-SB03-SS01-0/6, SSAS1-SCB-SB01-SS01-1/2, SSAS1-SCB-SB01-SS01-4/6, SSAS1-SCB-SB01-SS01-4/6(FR1), SSAS1-SCB-SB05-SS01-0/6, SSAS1-SCB-SB05-SS01-0/6(FR1), SSAS1-SCB-SB05-SS01-1/2, SSAS1-SCB-SB05-SS01-6/8, SSAS1-SCB-SB03-SS01-0/6, and SSAS1-SCB-SB03-SS01-1/2.

Field and Laboratory Blanks

All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination except for one laboratory blank (VBLK54) which contained acetone (6 ppb). No qualification of sample results was necessary since the only sample associated with the contaminated blank was the holding blank which was free of contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except as indicated below.

Two samples, SSAS1-SCC-SB01-SS01-1/2 and SSAS1-SCB-SB05-SS01-0/6, reported internal standard area outliers. The internal standard area counts reported for these samples were less than the criterion (>50% of the daily standard). Both samples were reanalyzed.

The same two internal standard outliers were reported for the original run and the reanalysis run for sample SSAS1-SCC-SB01-SS01-1/2. Based on these results, the results for the original run with all target VOCs associated with the non compliant internal standards (chlorobenzene-d5 and difluorobenzene) qualified as estimated have been reported. The target analytes associated with the noncompliant internal standards include 20 of the 33 target VOCs.

For sample SSAS1-SCB-SB05-SS01-0/6 all three internal standards reported outliers in the original run. The sample was reanalyzed and also reported three outliers. All reported results for VOCs from the original run have been qualified as estimated ('UJ9') and reported in the data summary tables.

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 1,1,2,2-tetrachloroethane, acetone, benzene, ethylbenzene, methylene chloride,

tetrachloroethene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Acetone was reported as a nondetect (U) for sample SSAS1-SCB-SB01-SS01-4/6(FR1). During review of the supporting raw data (chromatogram, quantitation reports, and mass spectral data) it was discovered that this analyte was indeed detected in the sample (1100 ppb). The laboratory admitted the error and the corrected result has been included in the data table.

TCLP Volatiles

The only TCLP VOC target analyte detected in the samples was benzene in sample SSAS1-SCC-SB03-SS01-8/10.

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples.

D2-1.2.1.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

QA/QC issues leading to additional qualification of reported SVOC results include: initial and continuing calibration outliers, and MS/MSD outliers Details regarding the samples and analytes affected by these issues are presented in the sections below.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW except for sample SSAS1-SCC-SB03-SS01-8/10. This sample was extracted 2 days outside the required holding time for SVOCs. Reported results for this sample have been qualified as estimated ('J2'/'UJ2'). Results affected by at least one other QA/QC problem have been flagged 'J10'/'UJ10'.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW except as indicated below.

One initial calibration (ICAL) was performed in support of the SVOC analyses for this SDG. One %RSD outlier was reported for target SVOC 4-nitrophenol. All reported results for this analytes in the samples have been qualified as estimated.

A total of four CCALs were performed in support of the SVOC analyses in this SDG. %D outliers were reported in each of the four CCALs. Between 2 and 9 target SVOCs were affected for each CCAL.

%D outliers were reported for the following SVOCs in the CCAL for 5-15-97: 2,2'-oxybis(1-chloropropane), hexachlorobutadiene, hexachlorocyclopentidiene, 2,4,6-trichlorophenol, 2,4,5-trichlorophenol, 4-bromophenyl-phenylether, hexachlorobenzene, pentachlorophenol, and bis(2-ethylhexyl)phthalate. Samples associated with this CCAL are: SSAS1-SCC-SB01-SS01-12/14, SSAS1-SCB-SB01-SS01-4/6, and SSAS1-SCB-SB01-SS01-4/6(FR1). These samples were analyzed for polyaromatic hydrocarbon (PAHs) SVOCs only. Since the analytes affected by the outliers are not PAHs no data have been qualified.

%D outliers were reported for the following SVOCs in the CCAL for 5-16-97: 4-nitrophenol and 4-nitroaniline. The following samples are associated with this CCAL: SSAS1-SCC-SB01-SS01-0/6, SSAS1-SCC-SB01-SS01-1/2, SSAS1-SCC-SB02-SS01-0/6, SSAS1-SCC-SB02-SS01-1/2, SSAS1-SCC-SB03-SS01-0/6, SSAS1-SCC-SB03-SS01-1/2, SSAS1-SCB-SB01-SS01-1/2, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCB-SB05-SS01-0/6, SSAS1-SCB-SB05-

SS01-0/6(FR1), SSAS1-SCB-SB05-SS01-1/2, SSAS1-SCB-SB05-SS01-6/8, and SSAS1-SCB-SB03-SS01-0/6. Since the affected analytes are non-PAHs, samples analyzed only for PAHs are not affected. All reported results for the two analytes in the affected samples have been qualified as estimated.

%D outliers were reported for the following SVOCs in the CCAL for 5-20-97: 2,4,6-trichlorophenol, 4-nitrophenol, and 4-nitroaniline. The following samples are associated with this CCAL: SSAS1-SCB-SB02-SS01-4/6, and SSAS1-SCC-SB02-SS01-6/8. Since the affected analytes are not PAHs and sample SSAS1-SCC-SB02-SS01-6/8 was analyzed only for PAHs, one results in sample SSAS1-SCB-SB02-SS01-4/6 have been qualified as estimated.

%D outliers were reported for the following SVOCs in the CCAL for 5-21-97: 2,4,6-trichlorophenol, 4-nitrophenol, and 4-nitroaniline. Two samples are associated with this CCAL: SSAS1-SCC-SB03-SS01-8/10 and SSAS1-SCB-SB03-SS01-1/2. Since sample SSAS1-SCB-SB03-SS01-1/2 was analyzed only for PAHs, only results for the affected analytes have been qualified as estimated in sample SSAS1-SCC-SB03-SS01-8/10.

Field and Laboratory Blanks

All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Accuracy (percent recovery) outliers were reported for the MS/MSD for SVOC analysis for the SVOC pentachlorophenol. Reported results for pentachlorophenol in the associated unspiked sample, SSAS1-SCB-SB05-SS01-0/6, has been qualified as estimated and flagged 'UJ5'.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D2-1.2.1.3 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

No reported pesticide/PCB results have been qualified as unusable for samples in this SDG.

QA/QC issues leading to qualification of results included: laboratory blank contamination, surrogate outliers, and the quantitation and confirmation of analytes. Details regarding the samples and analytes affected by these issues are presented in the sections below.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination except for methoxychlor. Reported results for methoxychlor in associated samples SSAS1-SCB-SB02-

SS01-4/6, SSAS1-SCB-SB02-SS01-1/2, SSAS1-SCB-SB05-SS01-0/6, and SSAS1-SCB-SB05-SS01-0/6(FR1) have been requalified as nondetects due to the laboratory blank contamination. Another sample, SSAS1-SCB-SB03-SS01-0/6, also contained methoxychlor but the level in the sample exceeded the action level (5 times the blank level) so the result in this sample has not been qualified.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW except for samples SSAS1-SCC-SB01-SS01-0/6 and SSAS1-SCB-SB03-SS01-0/6. The percent recoveries reported for the surrogate decachlorobiphenyl exceeded the advisory limits (30-150%). Reported detections of target pesticide/PCBs in these samples have been qualified as estimated.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No LCS was analyzed or reported with this SDG.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDE, 4,4'-DDT, alpha-chlordane, aroclor-1254, dieldrin, endosulfan I,

endosulfan II, endrin, and methoxychlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

Each sample was analyzed on two dissimilar columns (quantitation and confirmation columns). When the precision (percent difference) of the reported results between the columns exceeded 25% the result has been qualified as estimated. Target analytes affected by this problem include: endosulfan I, dieldrin, 4,4'-DDE, endosulfan II, methoxychlor, alpha-chlordane and aroclor-1254.

The laboratory also reported that the result reported for aroclor-1254 for sample SSAS1-SCB-SB02-SS01-1/2 could not be confirmed by GC/MS. The reported result, below the PRL, should be considered estimated.

The results reported for samples SSAS1-SCC-SB01-SS01-0/6 and SSAA1-SCC-SB02-SS01-0/6 were initially reported on a wet weight basis. The laboratory that this was due to computer error. The results have been corrected and reported on a dry weight basis. The results in the data tables have been corrected.

D2-1.2.1.4 Metals

Overall Assessment

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

The only QA/QC issue leading to qualification of data was laboratory blank contamination. Details regarding the samples and analytes affected by these issues are presented below.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination except for total cyanide in two continuing calibration blanks. The total cyanide result reported for sample SSAS1-SCB-SB05-SS01-6/8 has been qualified as estimated (UB).

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

No accuracy outliers were reported for the MS sample of the metals analysis.

ICP Serial Dilution

A serial dilution outlier was reported for chromium for this SDG. The reported % difference (16%) exceeded the criterion of <10%. All reported results for chromium in the samples in this SDG have been qualified as estimated ('J11').

TCLP Metals

No target TCLP metals were detected in the TCLP samples.

The laboratory reported no problems associated with the preparation or analysis of the TCLP metals samples.

D2-1.2.1.5 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

No additional qualification of data was necessary.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for holding time violations for pH and reactive cyanide for all samples in this SDG. All reported results for pH in the samples have been qualified as estimated and flagged 'J2'.

Field and Laboratory Blanks

All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All laboratory control samples were prepare and analyzed for wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

The laboratory failed to analyze the MS sample for TOC.

TCLP Parameters

The laboratory reported no problems associated with the preparation or analysis of the TCLP samples except for sample SSAS1-SCC-SB03-SS01-8/10 which reported holding time violations for TCLP VOC and reactive cyanide. Holding time violations were also reported for reactive cyanide for samples SSAS1-SCC-SB03-SS01-1/2, SSAS1-SCB-SB02-SS01-4/6, and SSAS1-SCB-SB02-SS01-1/2. All reported results for these samples have been qualified as estimated and flagged 'J2'/'UJ2'.

D2-1.2.2 SDG AS02 Validation Report

Only the analyses for VOCs and SVOCs have been subjected to the Level IV validation process. The following is a summary of the QA/QC issues addressed during the Level IV validation.

QA/QC problems leading to additional qualification of results include: initial and continuing calibration outliers, laboratory blank contamination, surrogate outliers, and MS/MSD outliers, and internal standard outliers.

The laboratory reported an internal standard outlier for sample SSAS1-SCA-SB03-SS01-1/2 and attributed the outlier to matrix interferences in the sample.

D2-1.2.2.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

No reported VOC results have been qualified as unusable (rejected) for this SDG.

QA/QC problems leading to additional qualification of data include: initial and continuing calibration outliers, and surrogate outliers.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW except as indicated below.

A total of five initial calibrations (ICALs) were analyzed in support of the VOC analyses for this SDG. Two of the five ICALs failed the %RSD criterion.

The reported %RSD for bromomethane was 38.3% for the ICAL on 4-11-97. The reported results for this analyte in the following associated samples have been qualified as estimated: SSAS1-SCB-SB04-SS01-0/6, SSAS1-SCB-SB04-SS01-1/2, SSAS1-SCB-SB04-SS01-4/6, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCB-SB06-SS01-0/6, SSAS1-SCB-SB06-SS01-1/2,

SSAS1-SCA-SB02-SS01-1/2, SSAS1-SCA-SB02-SS01-0/6, SSAS1-SCA-SB02-SS01-8/10, SSAS1-SCA-SB01-SS01-0/6, SSAS1-SCA-SB03-SS01-1/2, and SSAS1-SCA-SB04-SS01-0/6.

The reported %RSD for acetone was 33.9% for the ICAL on 5-16-97. The reported results for this analyte in the following associated samples have been qualified as estimated: SSAS1-SCA-SB01-SS01-6/8, SSAS1-SCA-SB01-SS01-6/8(FR1), SSAS1-SCA-SB03-SS01-0/6, and SSAS1-SCA-SB03-SS01-14/16.

A total of eight CCALs were analyzed in support of the VOC analyses for this SDG. Five of the eight CCALs reported %D outliers. Target analytes with %D results above the criterion were: acetone, 2-butanone, 4-methyl-2-pentanone, chloroethane, chloromethane, and vinyl chloride.

Reported results for one or more of these analytes in the following samples have been qualified as estimated: SSAS1-SCB-SB06-SS01-14/16, SSAS1-SCB-SB04-SS01-4/6, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCB-SB06-SS01-0/6, SSAS1-SCB-SB04-SS01-0/6, SSAS1-SCB-SB04-SS01-1/2, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCB-SB06-SS01-1/2, SSAS1-SCA-SB02-SS01-0/6, SSAS1-SCA-SB02-SS01-8/10, SSAS1-SCA-SB02-SS01-1/2, SSAS1-SCA-SB01-SS01-0/6, SSAS1-SCA-SB03-SS01-1/2, and SSAS1-SCA-SB04-SS01-0/6.

The result reported for acetone for sample SSAS1-SCA-SB03-SS01-0/6 in the original run exceeded the calibration range for the method. The sample was diluted and reanalyzed. The result reported in the diluted run for acetone has been reported in the data summary tables along with the results for all other target analytes from the original run.

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCB-SB04-SS01-1/2. No data have been qualified since only one surrogate was outside the control limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCB-SB03-SS01-6/8 and sample SSAS1-SCA-SB01-SS01-6/7 were collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for the following samples: SSAS1-SCA-SB03-SS01-1/2, SSAS1-SCA-SB04-SS01-0/6, SSAS1-SCA-SB04-SS01-1/2, SSAS1-SCB-SB02-SS01-0/6, and SSAS1-SCB-SB04-SS01-1/2.

For sample SSAS1-SCA-SB03-SS01-1/2, all three required internal standards reported outliers in both the original and reanalysis runs. The results from the original run have been qualified as estimated ('J9'/UJ9'). The results for the reanalysis have not been included in the data tables. For sample SSAS1-SCA-SB04-SS01-0/6 all three internal standards reported outliers in the original run while only one outlier was reported for the reanalysis. Results for

the reanalysis are reported in the data tables with the VOCs associated with the non-compliant internal qualified as estimated ('J9'/'UJ9'). For sample SSAS1-SCA-SB04-SS01-1/2 all three internal standards reported outliers in the original run while only one outlier was reported for the reanalysis. Results for the reanalysis are reported in the data tables with the VOCs associated with the non-compliant internal standard qualified as estimated. For sample SSAS1-SCB-SB02-SS01-0/6 all three internal standards reported outliers while the reanalysis run reported outliers for 2 of the three internal standards. Results reported for the reanalysis have been reported in the data tables with the VOCs associated with non-compliant internal standards qualified as estimated. For sample SSAS1-SCB-SB04-SS01-1/2 internal standard outliers were reported for the same internal standard in both the original and reanalysis runs. Results for the original run are reported in the data tables with the VOCs associated with the non-compliant internal standard qualified as estimated..

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: 2-butanone, acetone, benzene, ethylbenzene, methylene chloride, styrene, tetrachloroethene, toluene, and xylenes (total). All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D2-1.2.2.2 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

QA/QC issues leading to qualification of data include: initial and continuing calibration outliers, laboratory blank contamination, and surrogate outliers. Details regarding these issues are presented below.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW except as indicated below.

One initial calibration was analyzed in support of the SVOC analyses for this SDG. The ICAL failed the %RSD for target analyte 4-nitrophenol. The reported %RSD was 32.1%. The reported result for this analyte in all samples in this SDG have been qualified as estimated.

A total of four CCALs were analyzed in support of the SVOC analyses for this SDG. CCAL outliers (%D) were reported in each of the CCALs. Target analytes with %D outliers were: 4-nitrophenol, 4-nitroaniline, 2,4,6-trichlorophenol, hexachlorocyclopentidiene, pyrene, and butylbenzylphthalate. Reported results for one or more of these analytes in the following samples have been qualified as estimated: SSAS1-SCB-SB040SS01-1/2, SSAS1-SCB-SB06-SS01-14/16, SSAS1-SCB-SB06-SS01-1/2, SSAS1-SCA-SB02-SS01-1/2, SSAS1-SCB-SB03-SS01-6/8, SSAS1-SCB-SB04-SS01-4/6, SSAS1-SCA-SB04-SS01-1/2, SSAS1-SCA-SB04-SS01-0/6, SSAS1-SCA-SB01-SS01-1/2, SSAS1-SCB-SB06-SS01-0/6, SSAS1-SCA-SB01-SS01-0/6, SSAS1-SCB-SB04-SS01-0/6, SSAS1-SCB-SB02-SS01-0/6, SSAS1-SCA-SB01-SS01-6/8, SSAS1-SCA-SB02-SS01-0/6, SSAS1-SCA-SB02-SS01-8/10, SSAS1-SCA-SB01-SS01-6/8,

SSAS1-SCA-SB03-SS01-0/6, SSAS1-SCA-SB03-SS01-1/2, and SSAS1-SCA-SB03-SS01-14/16.

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination except for naphthalene which was detected in one of the laboratory blanks associated with this SDG. Reported results for naphthalene in samples SSAS1-SCA-SB02-SS01-1/2, SSAS1-SCB-SB04-SS01-0/6, SSAS1-SCB-SB04-SS01-1/2 and SSAS1-SCA-SB02-SS01-0/6 have been qualified as nondetects (UB) due to the blank contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW except for sample SSAS1-SCB-SB06-SS01-1/2. Two base-neutral surrogates were reported as outliers for this sample. The reported recoveries exceeded the upper control limit. All reported detections of base-neutral analytes in the sample have been qualified as estimated.

Matrix Spike Matrix Spike Compounds (MS/MSD)

Sample SSAS1-SCA-SB01-SS01-6/7 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW except for sample SSAS1-SCA-SB03-SS01-1/2. The laboratory reported an internal standard outlier for this sample. Reported results for target SVOCs associated with the non-compliant internal standard (pyrene) have been qualified as estimated ('J9'/'UJ9')..

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, chrysene, fluoranthene, carbazole, dibenzofuran, fluorene, naphthalene, phenanthrene, pyrene, dibenz(a,h)anthracene, bis(2-ethylhexyl)phthalate, and indeno(1,2,3-cd)pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D2-1.2.3 SDG AS05 Validation Report

Only VOC, pesticide/PCB, and wet chemistry parameters for AS05 have been subjected to Level IV validation. The following is a summary of the QA/QC issues addressed during the Level IV validation.

QA/QC problems leading to additional qualification of data included: holding time violation, initial and continuing calibration outliers, surrogate outliers, laboratory blank contamination, and internal standard outliers.

D2-1.2.3.1 Volatile Organic Compounds

Overall Assessment

Except as indicated above all samples were prepared and analyzed following the procedures for VOC analysis specified in the SOW.

QA/QC problems leading to additional qualification of data included: initial and continuing calibration outliers, surrogate outliers, and laboratory blank contamination.

Holding Time

All VOCs analyses were performed within the holding time specified in the CLP SOW except for the reanalysis runs for samples SSAS1-SCD-SB02-SS01-8/10, SSAS1-SCF-SB02-SS01-1/2, SSAS1-SCF-SB02-0/6, and SSAS1-SCF-SB02-SS01-14/16.

These samples required reanalysis due to levels of acetone above the calibration range. The reported results for these reanalyses have been qualified as estimated due to the holding time violations. Only the results for acetone are reported from these reanalyses.

GC/MS Instrument Performance Check

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW except as indicated below.

A total of four ICALs were analyzed in support of the VOC analyses for this SDG. One of the four ICALs failed the %RSD criterion. The reported %RSD for target analytes acetone (33.9%) and hexanone (30.7%). The only sample associated with the noncompliant

ICAL was a laboratory blank. No sample results have been qualified due to the ICAL outliers.

A total of seven CCALs were analyzed in support of the VOC analyses for this SDG. Three of the seven CCALs reported outliers. Target analytes with %D outliers above the 25% criterion were: 2-hexanone, acetone, and carbon disulfide. The reported results for one or more of these analytes in the following associated samples have been qualified as estimated: SSAS1-SCD-SB02-SS01-8/10, SSAS1-SCF-SB01-SS01-16/18, SSAS1-SCF-SB02-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6(FR1), SSAS1-SCF-SB02-SS01-14/16, SSAS1-SCF-SB03-SS01-0/6, SSS1-SCD-SB02-SS01-0/6, SSAS1-SCD-SB02-SS01-1/2, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB01-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6, SSAS1-SCF-SB03-SS01-1/2, SSAS1-SCF-SB03-SS01-18/20, SSAS1-SCF-SB05-SS01-0/6, SSAS1-SCF-SB05-SS01-1/2, SSAS1-SCF-SB05-SS01-14/16, SSAS1-SCG-SB01-SS01-0/6, SSAS1-SCG-SB01-SS01-1/2, and SSAS1-SCG-SB01-SS01-16/18.

As indicated above four samples required reanalysis due to calibration exceedance. The analyte affected was acetone. Reported results for acetone in the four samples (See holding time above) have been qualified as estimated ('J3').

Field and Laboratory Blanks

No field or equipment blanks were collected in this SDG. All laboratory blanks for VOC analyses were prepared and analyzed as required by the QAPP and SOW.

All blanks were free of VOC contamination except for the common laboratory contaminants methylene chloride and acetone.

Reported results for methylene chloride in the following samples have been qualified as nondetects ('UB') due to laboratory blank contamination: SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCD-SB02-SS01-1/2, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB01-SS01-1/2, SSAS1-SCF-SB02-SS01-0/6, and SSAS1-SCF-SB03-SS01-0/6(RE), SSAS1-SCF-SB03-SS01-

1 2RE, SSAS1-SCF-SB05-SS01-0 6RE, SSAS1-SCF-SB05-SS01-1 2, SSAS1-SCG-SB01-SS01-0 6, SSAS1-SCG-SB01-SS01-1 2, and SSAS1-SCG-SB01-SS01-16 18RE.

Reported results for acetone in the following samples have been qualified as nondetects ('UB'): SSAS1-SCF-SB03-SS01-1 2RE,SSAS1-SCF-SB05-SS01-1/2, and SSAS1-SCG-SB01-SS01-16 18RE.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCF-SB03-SS01-0/6. The reported surrogate recoveries exceeded the control limits. Reported detections of acetone and methylene chloride in the sample have been qualified as estimated ('J4'). This sample required reanalysis and only the results from the reanalysis are reported in the data tables,

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSDs for VOC analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the VOC analyses for samples in this SDG are compliant. No accuracy outliers were reported for the LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are compliant with the criteria specified in the SOW except for samples SSAS1-SCF-SB02-SS01-

0/6 and SSAS1-SCF-SB03-SS01-0/6. VOC internal standard outliers were reported for these samples. Sample SSAS1-SCF-SB03-SS01-0/6 was originally analyzed and reported all three internal standards out. Upon reanalysis two internal standards (difluorobenzene and chlorobenzene) reported outliers. The results from the reanalysis run have been reported with the appropriate results qualified ('UJ9') due to the internal standard outliers.

Sample SSAS1-SCF-SB02-SS01-0/6 was not reanalyzed. Since only one of the three internal standards was out (chlorobenzene), all results associated with the noncompliant internal standard, for this sample have been qualified as estimated ('UJ9').

Target Compound Identification

The following target VOCs were detected in one or more of the samples in this SDG: acetone and methylene chloride. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D2-1.2.3.2 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

QA/QC problems leading to additional qualification of data include: surrogate outliers, laboratory blank contamination, and compound quantitation.

No additional qualification of data was necessary.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW except for the samples indicated above.

GC/ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination except for target analyte methoxychlor. Reported results for methoxychlor in the following samples have been qualified as nondetects ('UB'): SSAS1-SCF-SB05-SS01-0/6, SSAS1-SCD-SB02-SS01-0/6, SSAS1-SCF-SB01-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6, SSAS1-SCF-SB02-SS01-0/6 (FR1), and SSAS1-SCG-SB01-SS01-0/6.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW except for sample SSAS1-SCD-SB02-SS01-0/6. Reported results for this sample have been qualified as estimated as appropriate.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCC-SB01-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for pesticide/PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE. 4,4'-DDT, alpha-BHC, alpha-chlordane, arclor-1254, dieldrin, endrin, gamma-chlordane, and heptachlor. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

As required by the SOW the samples for pesticide/PCB analysis were analyzed on two dissimilar columns. The %D between the calculated results for the columns exceeded the criterion of 25%. Analytes affected by this problem have been qualified as estimated and include: alpha-BHC, 4,4'-DDD, endosulfan I, dieldrin, endrin, alpha-chlordane, gamma-chlordane, 4,4'-DDE, and heptachlor.

D2-1.2.3.3 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods.

The only QA/QC problem leading to qualification of data was holding time violations.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for reactive cyanide and reactive sulfide for sample SSAS1-SCD-SB01-SS01-12'14 and all pH results. All affected results have been qualified as estimated ('J2'/'UJ2').

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

D2-1.2.4 SDG AS09 Validation Report

Only the SVOC, pesticide PCB, and metals analyses have been subjected to Level IV validation for SDG AS09. The following is a summary of the QA/QC issues addressed during the Level IV validation.

QA QC problems leading to qualification of data include initial and continuing calibration outliers, and identification and quantitation of analytes.

D2-1.2.4.1 Semivolatile Organic Compounds

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified for SVOC analysis in the SOW.

The only QA/QC problem leading to qualification of data were initial and continuing calibration outliers.

Holding Time

All SVOC analyses were performed within the holding time specified in the CLP SOW.

GC/MS Instrument Performance Check (Tuning)

GC/MS instrument performance checks (tuning) were performed as required by the CLP SOW. All tunes were in compliance with the tuning criteria specified by the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the CLP SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW except as indicated below.

One ICAL was analyzed in support of the SVOC analyses for this SDG. A %RSD outlier was reported for SVOC 4-nitrophenol for the ICAL. All reported results for 4-nitrophenol (not already qualified 'R' have been qualified as estimated.

A total of three CCALs were analyzed in support of the SVOC analyses for this SDG. %D outliers were reported for each of the CCALs. Target analytes with %D above the criterion were: 4-chloroaniline, 4-nitrophenol, butylbenzylphthalate, bis(2-ethylhexyl)phthalate, and 4-nitroaniline. Reported results for one or more of these analytes in the following samples have been qualified as estimated: SSAS1-C1-SD01, SSAS1-SCF-SB06-SS01-0/6, SSAS1-SCG-SB02-SS01-0/6, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB05-SS01-1/2, SSAS1-SCG-SB03-SS01-4/6, SSAS1-SCG-SB03-SS01-12/14, SSAS1-SCG-SB03-SS01-1/2, and SSAS1-SCG-SB03-SS01-1/2(FR1).

Field and Laboratory Blanks

No equipment or trip blanks were collected in this SDG. All laboratory blanks for SVOC analyses were prepared and analyzed as required by the QAPP and the SOW.

All blanks were free of SVOC contamination.

Surrogate Spikes

All samples, blanks, standards, and QC samples were spiked with surrogates as specified in the SOW.

All results reported for surrogates are in compliance with the criteria specified in the QAPP and the SOW.

Matrix Spike/Matrix Spike Compounds (MS/MSD)

Samples SSAS1-C1-SD01, and SSAS1-SCG-SB03-SS01-12/14 were collected as the MS/MSD samples associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS/MSD for SVOC analysis except for SVOCs 4-nitrophenol and pentachlorophenol. No recovery (0%) was reported in either the MS or MSD for sample SSAS1-SCG-SB03-SS01-12/14. The laboratory attributed the poor recoveries to matrix interferences in the sample. Reported results for these two analytes in the corresponding unspiked sample (SSAS1-SCG-SB03-SS01-12/14) have been qualified as unusable.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the SVOC analyses for samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

No accuracy outliers were reported for the SVOC LCSs.

Internal Standards

All results reported for the internal standards for each of the samples in this SDG are in compliance with the criteria specified in the QAPP and the SOW.

Target Compound Identification

The following target SVOCs were detected above the method detection limit in one or more of the samples in this SDG: 2-methylnaphthalene, acenaphthalene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b/k)fluoranthene, bis(2-ethylhexyl)phthalate, carbazole, chrysene, dibenz(a,h)anthracene, benzo(g,h,i)perylene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. All detections and quantitation of the analytes were made following the criteria specified in the SOW.

D2-1.2.4.2 Pesticide/PCBs

Overall Assessment

Except as indicated below all samples were prepared and analyzed following the procedures for pesticide/PCB analysis specified in the SOW.

QA/QC issues leading to additional qualification of data include laboratory blank contamination, and sample dilution.

The laboratory did not submit an LCS for the SVOC analysis for this SDG. Also sample SSAS1-SCG-SB03-SS01-12/14 was reported only from a 10 fold dilution even though all analytes were reported as nondetects and no apparent interferences were observed.

Holding Time

All pesticide/PCB analyses for samples in this SDG were performed within the holding time specified in the SOW.

GC ECD Instrument Performance Check

GC instrument performance checks were performed as required in the SOW.

Calibration

All initial and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the initial and continuing calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for pesticide/PCB analyses were prepared and analyzed as required in the SOW.

All laboratory blanks for pesticide/PCB analyses were free of contamination except for methoxychlor. Reported results for this analyte in the following samples have been qualified as nondetects: SSAS1-SCF-SB06-SS01-0/6, SSAS1-SCG-SB02-SS01-0/6, and SSAS1-SCG-SB05-SS01-1/2.

Surrogate Spikes

All samples, blanks, standards, and QC samples for pesticide/PCB analyses were spiked and analyzed with surrogate compounds as specified in the SOW.

All results reported for the surrogates are in compliance with the criteria specified in the SOW.

Matrix Spike Matrix Spike Duplicates (MS MSDs)

Sample SSAS1-SCC-SB01-SS01-12 14 was collected as the MS MSD sample associated with this SDG.

No accuracy (percent recovery) or precision (relative percent difference) outliers were reported for the MS MSD for pesticide PCB analysis.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the pesticide/PCB analyses for samples in this SDG are in compliance with the criteria in the SOW.

No accuracy outliers were reported for the LCSs.

Target Compound Identification

The following target pesticide/PCBs were detected in one or more of the samples in this SDG: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-chlordane, dieldrin, endosulfan I, endosulfan II and methoxychlor.

Sample SSAS1-SCG-SB03-SS01-12/14 was analyzed and reported from a 10 fold dilution even though all analytes were reported as nondetects and no apparent interferences were observed.

As required by the SOW each sample was analyzed on two dissimilar columns. The precision (%D) for some analytes between the two columns exceeded the 25% criterion. The affected analytes are: dieldrin, endosulfan II, methoxychlor, alpha-chlordane, 4,4'-DDE, and 4,4'-DDT. These results have been qualified as estimated.

D2-1.2.4.3 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

Some reported mercury results initially qualified as unusable have been requalified as estimated based on the Level IV review and validation of the raw data.

QA QC issues leading to additional qualification of metals data include laboratory blank contamination and MS MSD outliers.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW.

All laboratory blanks were free of metals contamination except for total cyanide in some instrument and method blanks. Reported results for total cyanide in the following samples have been qualified as estimated due to the blank contamination: SSAS1-C1-SD01, SSAS1-CU-SD02, SSAS1-SCF-SB06-SS01-1/2, SSAS1-SCF-SB06-SS01-14/16, SSAS1-SCF-SB06-SS01-0/6, SSAS1-SCG-SB02-SS01-1/2, SSAS1-SCG-SB02-SS01-0/6, SSAS1-SCG-SB02-SS01-8/10, SSAS1-SCG-SB04-SS01-8/10, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB04-SS01-8/10(FR1), SSAS1-SCG-SB05-SS01-6/8, SSAS1-SCG-SB05-SS01-1/2, SSAS1-SCG-SB03-SS01-4/6, SSAS1-SCG-SB03-SS01-12/14, SSAS1-SCG-SB03-SS01-1/2, and SSAS1-SCG-SB03-SS01-1/2(FR1).

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs except for total cyanide for the LCS associated with the following samples: SSAS1-SCG-SB04-SS01-8/10, SSAS1-C1-SD01, SSAS1-SCG-SB04-SS01-0/6, SSAS1-SCG-SB02-SS01-0/6, SSAS1-SCG-SB02-SS01-1/2, and SSAS1-SCF-SB06-SS01-1/2. The reported recoveries for total cyanide in the LCS was below the lower control limit (LCL). Reported results for these analytes in the associated samples have been qualified as estimated.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Samples SSAS1-C1-SD01, and SSAS1-SCG-SB03-SS01-12/14 were collected and analyzed as the MS sample associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis except for total cyanide, selenium, for sample SSAS1-C1-SD01 and lead for sample SSAS1-SCG-SB03-SS01-12/14. Reported results for these analytes in the associated samples have been qualified as appropriate.

As indicated above, all reported nondetects for mercury have been qualified as unusable due to poor percent recovery in both of the MS samples listed above. Reported detections of mercury in the following samples initially qualified as unusable have been requalified as estimated based on the Level IV validation: SSAS1-SCG-SB04-SS01-8/10, SSAS1-SCG-SB04-SS01-8/10 (FR1), SSAS1-SCG-SB05-SS01-6/8, and SSAS1-SCG-SB05-SS01-1/2.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

D2-1.2.5 SDG AS10 Validation Report

Only analyses for metals and wet chemistry parameters have been subjected to the Level IV validation. The following is a summary of the QA/QC issues leading to additional qualification of data following the Level IV validation.

The samples collected included one equipment blank and two trip blanks. The trip blanks were analyzed for VOCs only and are free of VOC contamination. The equipment blank contained VOC chloroform, SVOC phenol, and target metal barium. Details regarding the contamination in the equipment blank are presented below.

Some reported results for target metals lead, selenium, and mercury initially qualified as unusable have been requalified as estimated based on the level IV review of the results for the MS/MSD samples. The percent recoveries reported for these analytes in the associated MS/MSD was less than 30%.

D2-1.2.5.1 Metals

Overall Assessment

All detections and quantitation of the target metals were made following the criteria specified in the SOW.

Except as indicated below all samples for metals analyses were prepared and analyzed following the procedures specified in the SOW.

Reported detections of target metals lead, selenium, and mercury initially qualified as unusable have been requalified as estimated. The following samples were affected: SSAS1-SCG-SB07-SS01-0 6, SSAS1-SCG-SB07-SS01-2 4, SSAS1-SCG-SB07-SS01-8 10, SSAS1-BG1-SB01-SS01-0 2, SSAS1-BG1-SB01-SS01-6 8 and SSAS1-BG1-SB01-SS01-12 14.

Holding Time

All analyses for the target metals were performed within the holding time specified for metals in the SOW.

Calibration

All initial (multi-point) and continuing calibration checks were performed as required by the SOW. All calibration checks were in compliance with the calibration criteria specified in the SOW.

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for metals analysis were prepared and analyzed as required in the SOW except for total cyanide. Reported results for total cyanide for the following samples have been qualified as nondetects (UB): SSAS1-BG1-SB01-SS01-6/8, SSAS1-BG1-SB01-SS01-12/14, SSAS1-BG1-SB01-SS01-0/2, SSAS1-SCG-SB07-SS01-2/4, SSAS1-SCG-SB07-SS01-0/6, and SSAS10SCG-SB07-SS01-8/10.

All laboratory blanks were free of metals contamination except as described above. Also, barium was detected in the equipment blank (7.2 ppb). No data have been qualified since barium was not detected in any of the associated samples..

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the metals analyses in this SDG are in compliance with the criteria specified in the SOW.

No accuracy outliers were reported for the LCSs.

Laboratory Duplicate Samples

All laboratory duplicates were prepared and analyzed at the frequency specified in the SOW.

No precision outliers were reported for the laboratory duplicates for metals for this SDG.

Matrix Spike Samples (MS)

Samples SSAS1-SCG-SB07-SS01-0 6 and SSAS1-SCA-TW01-GW01 were collected and analyzed as the MS samples associated with this SDG.

No accuracy outliers were reported for the MS sample of the metals analysis except for lead (11.1%), selenium (14.2%), and mercury (0%). The percent recoveries for the MS samples for these analytes were below 30%. All reported nondetects of these analytes in the samples have been qualified as unusable due to the poor accuracy results.

ICP Serial Dilution

No serial dilution outlier was reported for this SDG.

D2-1.2.5.2 Wet Chemistry Parameters

Overall Assessment

Except as indicated below, all samples were prepared and analyzed following the procedures specified in the respective methods except for holding time violations for pH.

No additional qualification of wet chemistry results was required following the Level IV validation.

Holding Time

All analyses for the wet chemistry parameters (TOC, sulfur, reactive cyanide, reactive sulfide, and flashpoint) were performed within the holding time specified in the QAPP except for pH for samples SSAS1-BG1-SB01-SS01-12 14, SSAS1-BG1-SB01-SS01-0 2, SSAS1-BG1-SB01-SS01-6 8, SSAS1-SCG-SB07-SS01-8 10, and SSAS1-SCG-SB07-SS01-0 6. Reported results for these analytes in the affected samples have been qualified as estimated..

Field and Laboratory Blanks

No equipment blanks were collected in this SDG. All laboratory blanks for the wet chemistry parameters were prepared and analyzed as required by the respective methods.

All laboratory blanks were free of contamination.

Laboratory Control Samples (LCS)

All LCSs prepared and analyzed in support of the wet chemistry parameters for samples in this SDG are in compliance with the criteria specified in the respective methods.

No accuracy outliers were reported for the LCSs.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

Sample SSAS1-SCG-SB03-SS01-12/14 was collected as the MS/MSD sample associated with this SDG.

No accuracy or precision outliers were reported for the MS/MSD for the wet chemistry analyses.