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FINAL BACKGROUND SAMPLING AND DATA EVALUATION REPORT FORT SHERIDAN IL
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U.S. Army Environmental Center

FINAL
BACKGROUND SAMPLING and DATA EVALUATION REPORT FORT SHERIDAN, ILLINOIS

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13. ABSTRACT *(Maximum 200 words)*

This document presents analytical results from background soil, sediment, surface water, and groundwater sampling activities at Fort Sheridan, Illinois. The background sampling locations were selected by the Base Realignment and Closure Cleanup Team as being unaffected by mission related activities. The dataset collected during these background sampling activities were used to establish a statistically defensible background database for surface soil, subsurface soil, and groundwater at Fort Sheridan, Illinois. Using the background database, upper tolerance limits were then established for organic and inorganic constituents in surface soil, subsurface soil, and groundwater. The upper tolerance limits will be used to evaluate study area specific data at Fort Sheridan in subsequent reports.

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Prepared by:
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Table of Contents

Section Page

1.0 Introduction 1-1

2.0 Background Sampling Location Selection 2-1
- 2.1 Soil Boring and Monitoring Well Locations 2-1
- 2.2 Surface Water and Sediment Sampling Locations 2-3

3.0 Data Presentation 3-1
- 3.1 Quality Control Samples 3-1
- 3.2 Background Samples 3-3
  - 3.2.1 Soils 3-3
  - 3.2.2 Sediment 3-15
  - 3.2.3 Surface Water 3-15
  - 3.2.4 Groundwater 3-18

4.0 Data Evaluation/ Establishing a Background Database 4-1
- 4.1 Inorganic Constituents and Soils 4-1
- 4.2 Methodology 4-4
  - 4.2.1 Outlier Testing 4-5
  - 4.2.2 Calculating UTLs 4-15
- 4.3 Soils 4-20
- 4.4 Ground Water 4-20

5.0 Conclusion 5-1

6.0 References 6-1

Table of Contents (continued)

List of Tables

Table 3-1	Detection Summary of Inorganic and Organic Constituents in Rinse/Trip Blanks	3-2
Table 3-2	Detection Summary of Inorganic Constituents in Background Soil	3-4
Table 3-3	Detection Summary of Organic Constituents in Background Soil	3-9
Table 3-4	Detection Summary of Inorganic Constituents in Background Sediment	3-16
Table 3-5	Detection Summary of Organic Constituents in Background Sediment	3-17
Table 3-6	Detection Summary of Inorganic and Organic Constituents in Unfiltered Background Surface Water	3-19
Table 3-7	Detection Summary of Inorganic Constituents in Filtered Background Surface Water	3-20
Table 3-8	Detection Summary of Inorganic and Organic Constituents in Unfiltered Background Groundwater	3-21
Table 3-9	Detection Summary of Inorganic Constituents in Filtered Background Groundwater	3-23
Table 4-1	Potential Outliers for Inorganic Constituents in Background Soils	4-8
Table 4-2	Potential Outliers for Organic Constituents in Background Soils	4-11
Table 4-3	Potential Outliers for Inorganic Constituents in Background Unfiltered Groundwater	4-13
Table 4-4	Potential Outliers for Organic Constituents in Background Unfiltered Groundwater	4-14
Table 4-5	Upper Tolerance Limits for Inorganic Constituents in Background Soils	4-21
Table 4-6	Upper Tolerance Limits for Organic Constituents in Background Soils	4-22
Table 4-7	Upper Tolerance Limits for Inorganic Constituents in Background Unfiltered Groundwater	4-23
Table 4-8	Upper Tolerance Limits for Organic Constituents in Background Unfiltered Groundwater	4-24
Table 5-1	Summary of Background Screening Levels	5-2

Table of Contents (continued)

List of Figures

Figure ES-1	Background Sampling Locations	ES-2
Figure 1-1	Fort Sheridan Site Location	1-2
Figure 1-2	Fort Sheridan Operable Units	1-3
Figure 2-1	Background Soil and Groundwater Sampling Locations	2-2
Figure 2-2	Background Surface Water and Sediment Sampling Locations	2-4
Figure 4-1	UTL Calculation Process	4-2

List of Appendices

Appendix A	Background Soil Boring Logs/Monitoring Well Construction Diagrams
Appendix B	Rinse/Trip Blank Background Data
Appendix C	Final Data Validation Report Summary
Appendix D	Soil Background Data
Appendix E	Sediment Background Data
Appendix F	Surface Water Background Data
Appendix G	Groundwater Background Data
Appendix H	Example Calculations for Outliers Test and UTLs

List of Acronyms

BCT	BRAC Cleanup Team
BRA	Baseline Risk Assessment
BRAC	Base Realignment and Closure
BSAP	Sampling and Analysis Plan for Background Sampling
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CH	Clay High Plasticity
CL	Clay Low Plasticity
COPC	Constituents of Potential Concern
DoD	Department of Defense
DNT	Dinitrotoluene
ESE	Environmental Science & Engineering, Inc.
IEPA	Illinois Environmental Protection Agency
IR	Infrared
MH	Silt High Plasticity
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NCP	National Contingency Plan
OQAPP	Overall Quality Assurance Project Plan

Table of Contents (continued)

OU	Operable Unit
OVM	Organic Vapor Monitor
PAH	Polynuclear Aromatic Hydrocarbon
RDX	Research and Development Explosive
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
SARA	Superfund Amendments and Reauthorization Act
SAS	Statistical Analysis System
SLP	Standard Landfill Parameter
TEP	Technical Evaluation Plan
TNT	Trinitrotoluene
TRPH	Total Recoverable Petroleum Hydrocarbons
USAEC	U.S. Army Environmental Center
USCS	Unified Soil Classification System
USEPA	U.S. Environmental Protection Agency
UTL	Upper Tolerance Limit

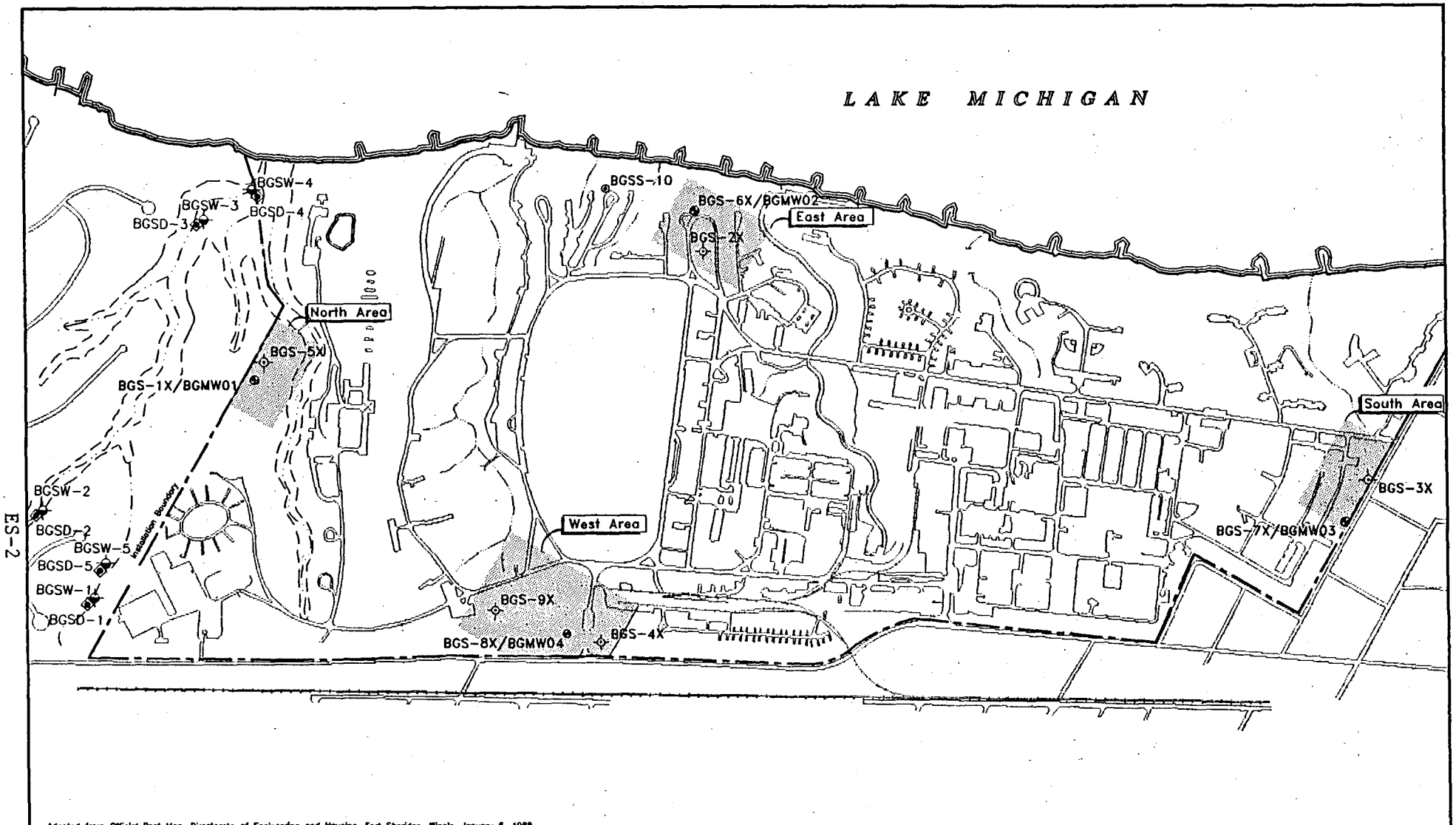
Executive Summary

To reduce the number of study areas to be evaluated in the Fort Sheridan Remedial Investigation/ Feasibility Study (RI/FS), and to facilitate the transfer of property where no removal or remedial action is required, the Fort Sheridan Base Realignment and Closure (BRAC) Cleanup Team (BCT) has developed a screening process for the data collected from Fort Sheridan study areas. This process is presented in the Technical Evaluation Plan (TEP) (ESE, 1996b) and consists of comparing the inorganic study area data first to background levels and then to risk-based screening criteria. The organic data are screened against risk-based screening criteria initially and the background organic data are used to facilitate risk management decisions. In order to facilitate this process, it is necessary to develop a statistically defensible background database. To this end, background soil, sediment, surface water, and groundwater data were collected from several locations believed to be previously unaffected by Fort Sheridan mission activities and identified in the Final Sampling and Analysis Plan for Background Sampling (ESE, 1995a). The sampling was conducted in August, September, November and December 1995; and January, February and April 1996. The selected background sampling locations are illustreated in Figure ES-1.

The background data collected from these locations, with the exception of the surface water and sediment locations, were used to calculate upper tolerance limits (UTLs) as background screening levels. Prior to the calculation of the background screening levels, the data were evaluated to determine: 1) whether constituent concentrations varied with depth; 2) the appropriate distributional assumptions for the individual datasets; and 3) if the data contained constituent concentrations that should be considered statistical outliers.

Metal concentrations in soil are known to vary significantly with depth based on site specific conditions, such as soil type. A statistical evaluation was conducted on the background soil data for metals normalized to three depth intervals, surficial, 4-7 feet below ground surface (ft-bgs), and 10-13 ft-bgs. The statistical evaluation supports the division of background soil into two data subsets; surface soil samples which were collected from 0 to 1 ft-bgs, and subsurface soil samples collected from greater than 1 ft-bgs.

A given analyte is considered to be naturally occurring and/or ubiquitous in a medium at Fort Sheridan if it occurs two or more times in the background dataset for that medium (e.g., soil sediment). For those constituents that are either naturally occurring or ubiquitous at Fort Sheridan, UTLs were calculated in accordance with the TEP (ESE, 1996b). The UTL calculation method used was selected based on the appropriate distributional assumption for the individual



Adapted from Official Post Map, Directorate of Engineering and Housing, Fort Sheridan, Illinois, January 6, 1989.

- Background Soil Sample Location
- Background Soil Sample/Monitoring Well Location
- Background Surface Soil Sample Location
- Background Surface Water Sample Location
- Background Sediment Sample Location

0 1100
feet

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Revised JCF 05/19/97 FSBKS2S2

Figure ES-1
Background Sampling Locations
Final
Background Sampling and
Data Evaluation Report
Fort Sheridan, Illinois

constituents (i.e. normal or lognormal) as indicated in U.S. Environmental Protection Agency guidance (USEPA, 1989 or USEPA, 1992).

The selected distribution for the UTL calculation was determined on an analyte by analyte basis. The proportion of nondetects and the data distribution (i.e., normal or lognormal) for each analyte dictated the statistical methodology used in calculating the UTL. Poisson, nonparametric, normal and lognormal techniques were each used at least once in calculating the UTLs. Aitchison's or Cohen's adjustments were made prior to calculating the UTLs when the proportion of nondetects (P_{ND}) were greater than 15%, but less than 50% ($0.15 < P_{ND} < 0.50$).

Each of the data sets were datasets were evaluated for potential outliers. The guidance cited by the TEP suggests that datasets need only be rigorously evaluated for outliers if they fail a screening indicating the presence of outliers. To be conservative, each of the background datasets were subjected to the Shapiro-Wilk outlier test. Potential outliers identified through this test were excluded from further calculations only if there was reasonable suspicion that the data were indeed bad due to sampling or analytical error. The only samples identified as potential outliers, and excluded from the UTL calculations, were groundwater samples BGMW02DUP and Round 2 BGMW01.

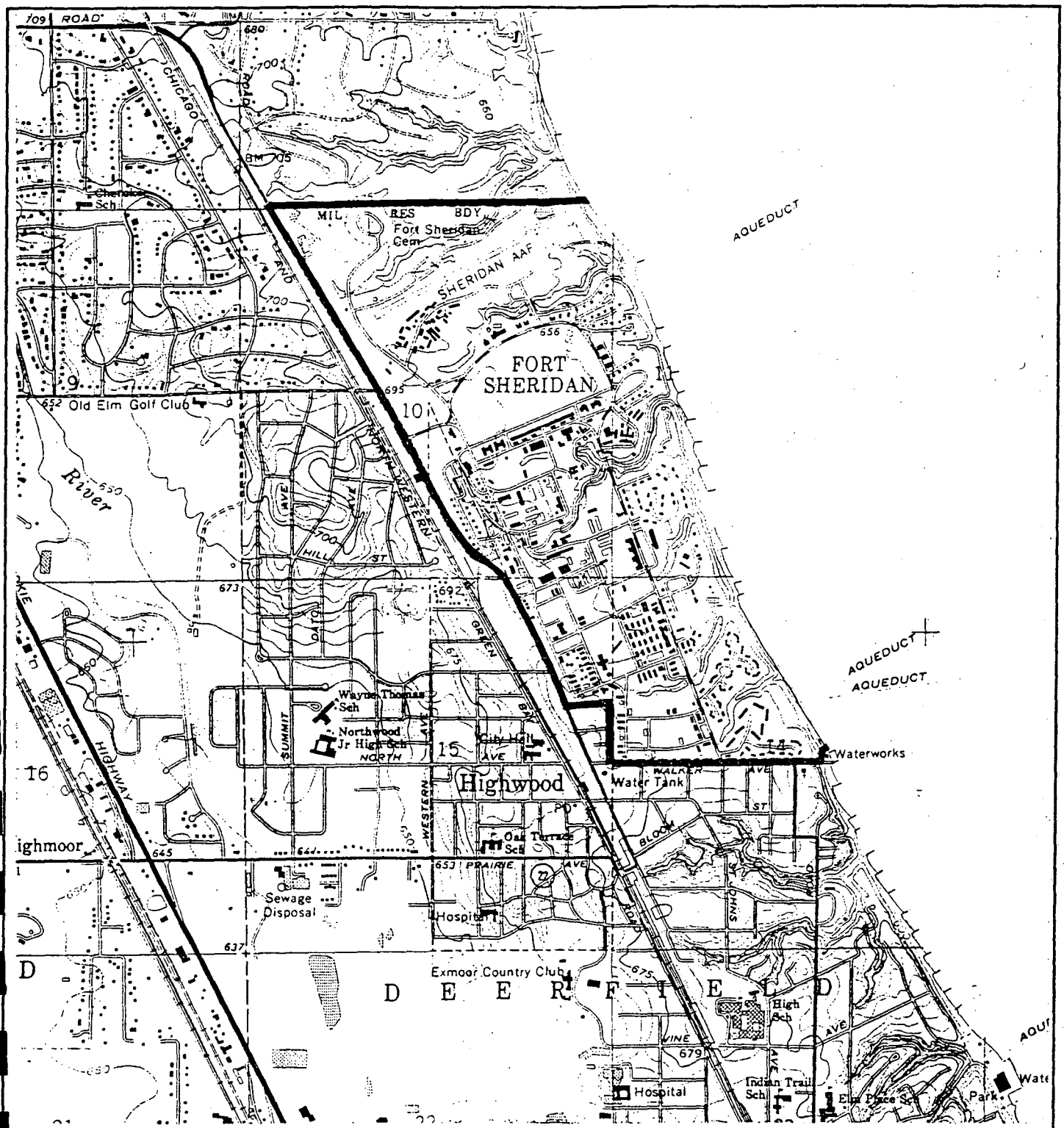
1.0 Introduction

In 1988, Fort Sheridan was recommended to the Secretary of Defense for closure by the Commission on Base Realignment and Closure (BRAC). To support decisions regarding preparation of the property for release, the U.S. Army is responsible for implementing environmental studies and restoration activities (if needed) before property transfer. These studies will comply with the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the National Contingency Plan (NCP), and are being conducted in consultation with the U.S. Environmental Protection Agency (USEPA) and Illinois Environmental Protection Agency (IEPA). The location of Fort Sheridan is shown in Figure 1-1.

Preliminary assessments of Fort Sheridan, conducted in 1982 and 1989, identified several areas on the installation affected, or potentially affected, by mission related activities (Gross et al., 1982; and Argonne National Laboratory, 1989). The nature and duration of the activities at Fort Sheridan justified conducting an environmental investigation to verify and quantify the nature and extent of mission associated constituents. A Phase I Remedial Investigation (RI) was conducted at Fort Sheridan in 1990 and 1991. In 1995, the installation was divided into two operable units (OUs) to facilitate the expedited transfer of surplus property. These OUs are the Surplus OU and the Department of Defense (DoD) OU. The boundaries of these OUs are indicated on Figure 1-2.

To reduce the number of study areas to be evaluated in the Phase II Remedial Investigation/ Feasibility Study (RI/FS) reports, and to facilitate the transfer of property where no removal or remedial action is required, the BRAC Cleanup Team (BCT) has developed a background and risk-based screening process. This process is presented in the Technical Evaluation Plan (TEP) (ESE, 1996). The risk-based screening process uses conservative values based on USEPA and IEPA guidelines that represent levels of constituents below which there is no unacceptable risk. In order to facilitate the background screening process, it is necessary to develop a statistically defensible background database for use as an evaluation baseline in two situations. In the first situation the background data are used to decide which study areas will require no further action and which will proceed on to the Remedial Investigation/Baseline Risk Assessment (RI/BRA) Report. The second situation occurs in the RI/BRA Report in determining if the concentrations detected in the study areas are statistically significantly above background and in identifying constituents of potential concern (COPCs).

As discussed in the Sampling and Analysis Plan for Background Sampling (BSAP) (ESE, 1995b), samples were collected in Phase I to represent background conditions at specific study areas on the installation. However, due to the potentially mission-affected nature of the sample locations,



QUADRANGLE LOCATION

Project #490-2087
Adapted From USGS Topographic Quadrangle:
Highland Park, Illinois, 1980.

ESE Environmental Science & Engineering, Inc.

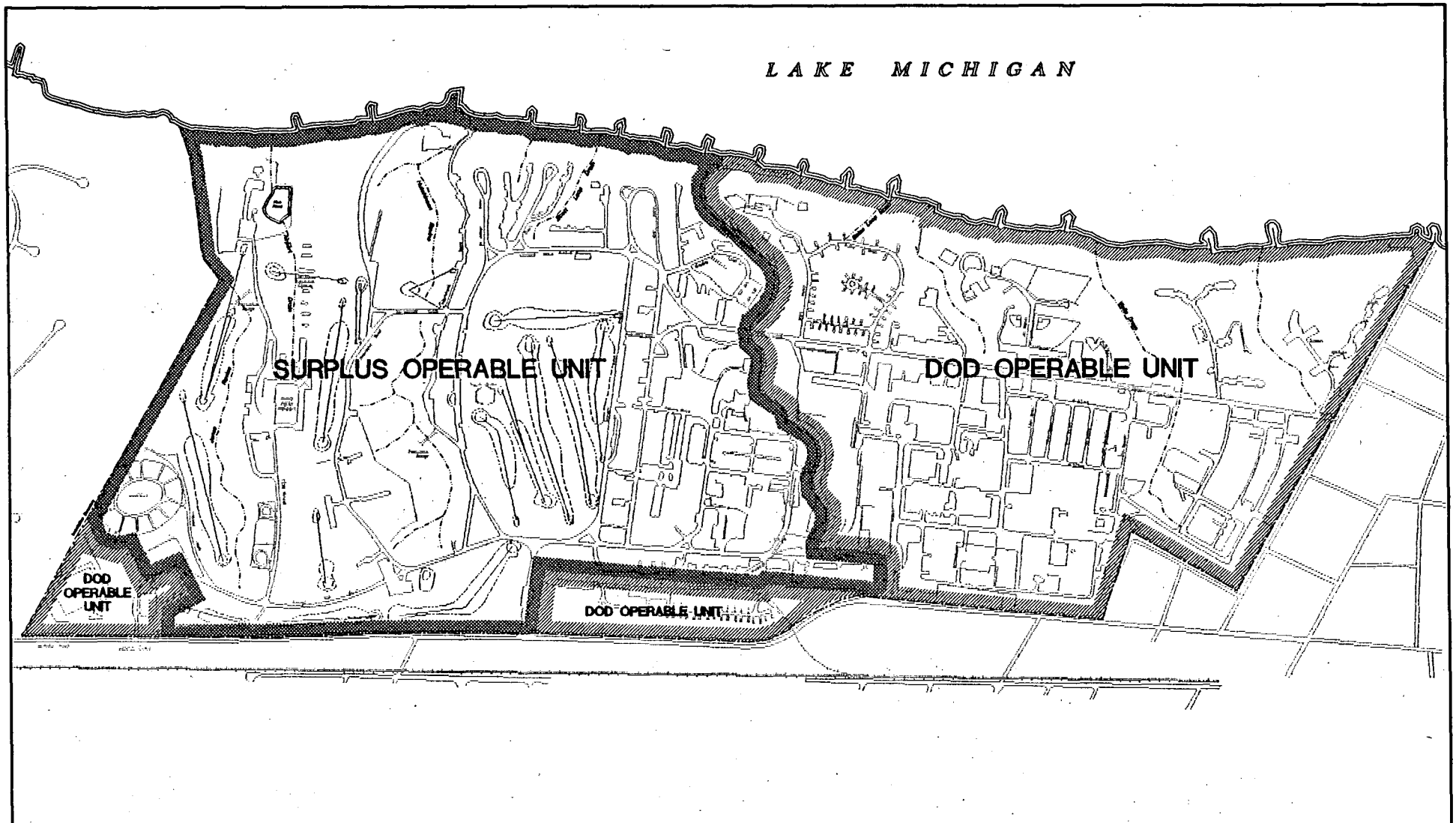
0 2000 feet

Figure 1-1

Site Location

Final
Background Sampling and
Data Evaluation Report

Fort Sheridan, Illinois



Adapted from Official Post Map, Directorate of Engineering and Housing, Fort Sheridan, Illinois, January 6, 1989

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Revised JCF 05/19/97 FS2OU12

0 1100
feet

Figure 1-2
Fort Sheridan Operable Units
Final
Background Sampling and Data Evaluation Report
Fort Sheridan, Illinois

these Phase I data were later judged not suitable for use in an installation-wide background database. Therefore, the Phase II effort (BSAP, ESE 1995b) was designed to collect background data sufficient for determination of background conditions without the use of Phase I data. These Phase II data are considered sufficient to establish an acceptable background database.

The purpose of this Background Sampling and Data Evaluation Report is to present the background data collected in accordance with the BSAP, evaluate the background data according to the methods described in the TEP, and present the background levels against which the study area data will be screened.

2.0 Background Sampling Location Selection

Areas for the collection of background samples were selected by the BCT during a site visit on July 19, 1994 and presented in the BSAP. These areas were selected because they are believed to be unaffected by activities at Fort Sheridan based on a review of available site records and aerial photographs.

2.1 Soil Boring and Monitoring Well Locations

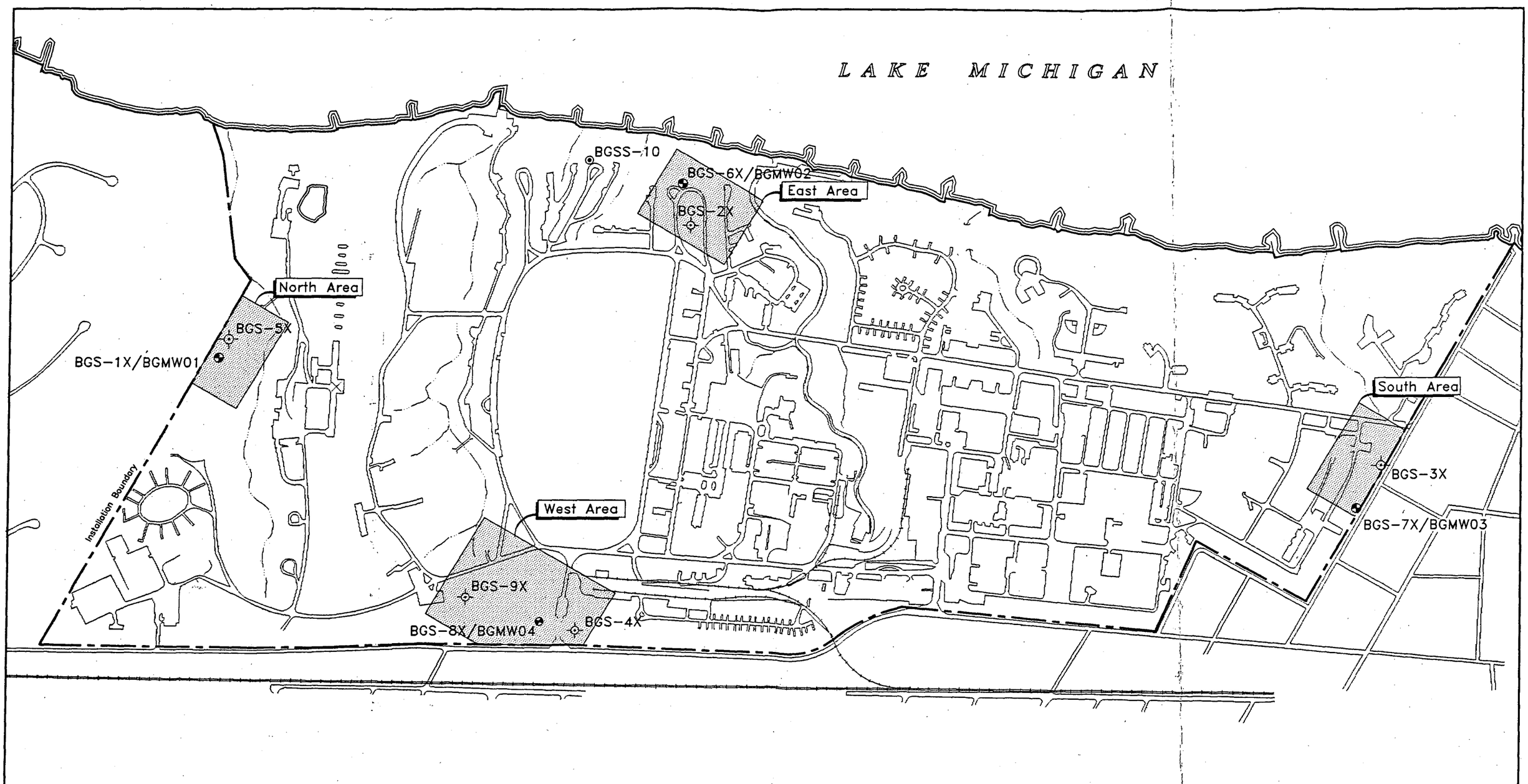
Ten locations for the collection of background soil samples were identified. These locations were grouped, based primarily on physical proximity, into five areas as follows:

- Background Area - North
- Background Area - East
- Background Area - South
- Background Area - West
- Lake Michigan Bluff Area

Two soil borings were drilled at each of the North, South, and East background areas. Three soil borings were drilled at the West background area. A monitoring well was installed in one soil boring at each of these four areas. Background soil sampling and monitoring well locations are presented in Figure 2-1. Some of the actual background monitoring well locations are different than those depicted in the BSAP. The actual locations were revised based on field observations of hydrogeologic conditions (i.e., the presence or absence of more permeable saturated zones). Soil boring and sampling and monitoring well construction activities were performed in accordance with the Fort Sheridan Overall Quality Assurance Project Plan (OQAPP) (ESE, 1995a) and BSAP.

At each location, soil borings were continuously logged and samples were screened with an organic vapor monitor (OVM) as described in the BSAP. The soil samples were screened to qualitatively assess the suitability of each area as a background location. There was no qualitative evidence, based on the OVM screening and visual and olfactory observations, that any of the selected locations had been affected by mission related activities.

Three sets of soil samples were retained for analysis from unsaturated soils encountered in each boring. The samples were collected from the surface and at distinct geologic strata encountered during drilling. Distinct strata were identified by the site geologist based on the Unified Soil Classification System (USCS) description of the sample and field index tests (e.g., field



Background Soil Sample Location
Background Soil Sample/Monitoring Well Location
Background Surface Soil Sample Location

0 700 1400
feet

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Adapted from Official Post Map, Directorate of Engineering and Housing, Fort Sheridan, Illinois, January 6, 1989.

Figure 2-1
Background Soil & Groundwater Sampling Locations
Final
Background Sampling and Data Evaluation Report
Fort Sheridan, Illinois

penetrometer, plasticity). In the absence of variable geologic strata, samples were obtained from 0 to 0.5 feet, 6 to 8 feet, and 12 to 14 feet below ground surface (ft-bgs) where the vadose zone was at least 14 feet thick. Where the vadose zone was less than 14 feet thick, the sample intervals were adjusted to provide general coverage along the length of the borehole. Boring logs and monitoring well construction diagrams for the background soil borings and monitoring wells are included as Appendix A.

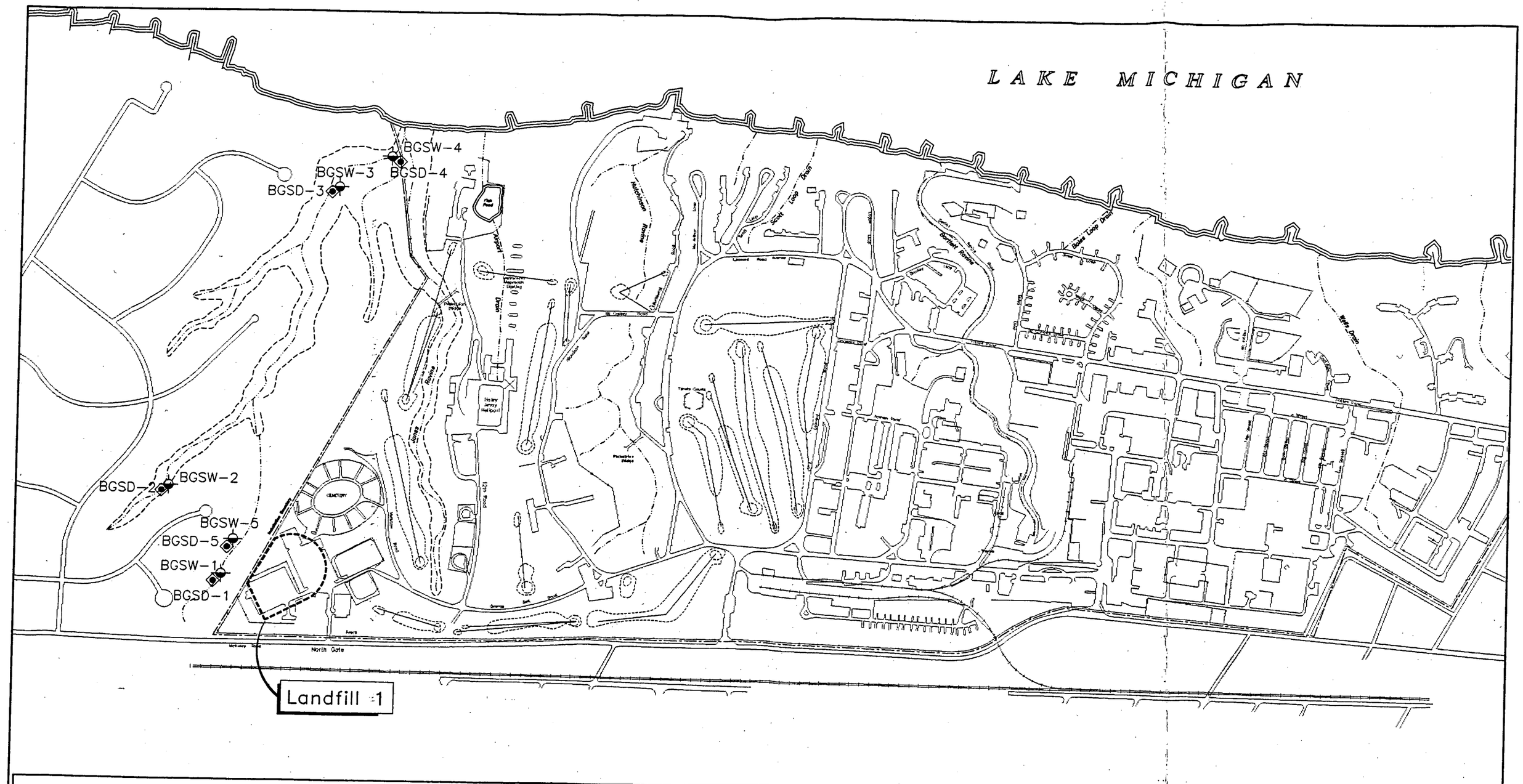
Two rounds of groundwater samples were collected from the background monitoring wells BGMW01, BGMW02, BGMW03 and BGMW04. The first round of groundwater samples was collected in November and December 1995. The second round of groundwater samples was collected in April 1996. The term round has been used here to describe the majority of the sampling event. There were specific sampling occasions associated with the two sampling events that were not performed during the above two time periods. These sampling occasions resulted from equipment malfunctions in the laboratory necessitating re-sampling for certain constituents. Further discussion of these occasions is presented in Section 3.2.4. Groundwater sampling activities were performed in accordance with the Fort Sheridan OQAPP and BSAP.

2.2 Surface Water and Sediment Sampling Locations

Five locations for the collection of background surface water and sediment samples were selected subsequent to a review of aerial photographs and available literature. The locations are within branches of Janes Ravine on the Lake Forest Nature Preserve property north of the installation boundary.

The Nature Preserve property is not pristine, and some evidence of filling or dumping activity was identified from the aerial photograph review. The sampling points were selected such that they were located in a branch of the ravine not suspected of having been disturbed, or upstream of known or suspected sources. The surface water and sediment sampling locations are depicted on Figure 2-2.

Both sediment and surface water samples were collected from each of the indicated locations. Some of the actual background surface water and sediment sampling locations are different than those depicted in the BSAP. The actual locations were revised based on field observations (i.e. the presence or absence of either sediment or surface water and the current ravine patterns). The sediment and surface water sampling activities were performed in accordance with the Fort Sheridan OQAPP and BSAP.



Background Sediment Sample Location

Background Surface Water Sample Location

0 700 1400
feet

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Installation information adapted from Official Post Map, Directorate of Engineering and Housing, Fort Sheridan, Illinois, January 6, 1989
Ravines, shoreline and roads north of Installation adapted from USGS 7.5' topographic quadrangle, Highland Park, Ill., 1963; photo revised 1972 & 1980.

Figure 2-2
Background Surface Water & Sediment Sampling Locations
Final
Background Sampling and Data Evaluation Report
Fort Sheridan, Illinois

The surface water and sediment background analytical data collected through the implementation of the BSAP will not be used to screen study area results in the Technical Memorandum for the Surplus OU. However, the surface water and sediment analytical data will be addressed in the Surplus OU RI/BRA.

3.0 Data Presentation

The following subsections present the datasets for the various types of data collected during the background sampling. In addition, general observations about the datasets are discussed.

3.1 Quality Control Samples

Duplicate, field equipment rinse (rinse), and trip blank samples were analyzed during the background sampling effort as quality control (QC) samples to evaluate field sampling protocols. The number of duplicate and rinse samples collected was dependant on the number of background samples of each medium. Duplicate and rinse samples were collected at a frequency of 10% and 5%, respectively, per media in accordance with the OQAPP. One trip blank was shipped with each cooler containing samples to be analyzed for volatile organic compounds (VOCs). Consequently, the number of trip blanks was determined by the number of coolers.

It should be noted that 5% of the samples were spiked (i.e., Matrix Spike/Matrix Spike Duplicate [MS/MSD]). However, this QC technique assists in evaluation of laboratory procedures. The MS/MSD technique does not reflect on field sampling protocol and is not discussed here.

Seven duplicate samples (four soil, one sediment, one surface water, and one groundwater) were collected and analyzed. Three rinse samples and four trip blanks were analyzed. The collection and/or analysis of the QC samples as performed in accordance with the OQAPP and BSAP. A summary of the detected concentrations of constituents for rinse and trip blank samples is presented in Table 3-1. Complete analytical datasets from the QC samples are included as Appendix B.

The organic constituents bis(2-ethylhexyl)phthalate and acetone were detected in several of the rinse samples and trip blanks. Both of these constituents are ubiquitous and commonly acknowledged to be laboratory contaminants. Their presence in the rinse samples and trip blanks is not considered to be indicative of compromised QC protocols.

The statistical treatment of duplicate sample results is described in detail in Section 4.0 - Data Evaluation/ Establishing a Background Database. In brief, the duplicate scores were averaged and the non-weighted average was subsequently treated as one score for outlier testing and upper tolerance limit calculations (see Section 4.0).

Table 3-1. Detection Summary of Inorganic and Organic Constituents in Background Rinse/Trip Blanks (UG/L)

CONSTITUENT	SITE ID: LAB ID:	RINSE SNBGW *12	RINSE SNBGW *13	RINSE SNBGW *14
Inorganics				
CALCIUM,TOTAL		142	111	102
SODIUM,TOTAL		313	174	155
ALUMINUM,TOTAL		ND	ND	49.2
Organics				
PHENOL		38	20	30
BIS(2-ETHYLHEXYL)PHTHALATE		8.3	2.8	2.2
ACETONE		22	15	13

Note: ND= Not Detected, UG/L = micrograms per liter
ESE, 1996.

3.2 Background Samples

The following subsections present the analytical data from the four principal media sampled. The tables in the following subsections summarize the detections of constituents above method detection limits.

The soil analytical data from the background sampling locations has been independently validated according to the USEPA's National Functional Guidelines. Qualifiers assigned to the data according to these guidelines are included in the summary tables for the respective sections. The summary section from the draft data validation report is included as Appendix C (ECG, 1996).

3.2.1 Soils

Soil samples were collected from 28 sample points. The 28 sample points were distributed over nine soil borings and one surface sample located on the Lake Michigan bluff (see Figure 2-1). These sample points were specifically selected by the BCT because they are in areas where available information indicates that no mission-related activities or constituent releases occurred. The samples were analyzed for the constituents listed in Table 5-1 of the BSAP. The complete IRDMIS printout of analytical data for the soil samples is included as Appendix D.

Each of the background soil samples exhibited varying concentrations of naturally occurring inorganic constituents (i.e., metals). The occurrences of these inorganic constituents is summarized in Table 3-2. Because these constituents occur at widely varying concentrations in unaffected soils, the concentrations detected at Fort Sheridan were assumed to be indicative of natural levels unless the statistical analysis discussed later in this document indicated otherwise.

Several of the samples contained detectable concentrations of organic constituents. The occurrences of these constituents are summarized in Table 3-3. The detected constituents generally fall into two classes of chemicals, polynuclear aromatic hydrocarbons (PAHs) and herbicides/pesticides. Many of the samples also had reported detections of total recoverable petroleum hydrocarbons (TRPH).

Many PAHs are formed in nature through the incomplete combustion of organic material associated with brush and forest fires and combustion of fossil fuels (USEPA 1976; Sullivan, 1983). Additionally, the predominance of fossil fuels in our society has resulted in the nearly ubiquitous occurrence of PAHs in developed areas (U.S. Department of Health and Human Services, 1993). As previously indicated, soil samples were collected from locations in areas where available information indicates that no mission-related activities or constituent releases occurred. For these reasons, the occurrence of PAHs in the background soil samples collected at

Table 3-2. Detection Summary of Inorganic Constituents in Background Soil (UG/G - Dry, unless otherwise noted)

CONSTITUENT	SITE ID: / DEPTH:	BGS-1X 0'	BGS-1X 6'	BGS-1X 12'	BGS-2X 0'	BGS-2X 6'	BGS-2X 6' DUP	BGS-2X 11'
Inorganics								
ALUMINUM		7660	8080	5970	12600	10300	12000	8920
ANTIMONY		ND	ND	ND	ND	ND	ND	ND
ARSENIC		3.26	4.64	4.60	2.44	5.67	3.9 i	4.48
BARIUM		72.1	ND	ND	197	ND	63.2	69.5
BERYLLIUM		ND i	ND i	0.714 i	1.27 i	ND i	ND	ND i
CADMIUM		ND	ND	ND	0.749	ND	ND	ND
CALCIUM		3300	66700	70300	6440	69300	61900	70700
CHROMIUM		12 i	15.2 i	11.2 i	15.8 i	17 i	20.6	16.2 i
COBALT		9.01	8.67	8.55	8.54	10.1	5.68	8.46
COPPER		15 i	19.8 i	16.4 i	14.5 i	18.2 i	14.2	19.7 i
IRON		13200	16400	14100	17100	18200	15500	17400
LEAD		56.0	13.0	9.60	18.0	11.0	7.26 i	11.0
MAGNESIUM		2400	36300	39800	3680	38900	38700	39400
MANGANESE		781	445	492	3420	547	258	463
MERCURY		ND	ND	ND	ND	ND	ND	ND
NICKEL		11.0	23.4	19.9	17.1	24.3	16.8	22.0
POTASSIUM		961	1410	1170	723	2070	1680	2090
SELENIUM		ND	ND	ND	ND	ND	ND	ND
SODIUM		616	785	562	460	498	542	591
THALLIUM		ND	0.426	0.336	ND	0.448	0.937	0.509
VANADIUM		19.5	19.9	12.9	27.6	21.9	23.2	19.7
ZINC		119	50.4	36.3	67	47.4	36.1	47.5
Other								
pH	(std units)	6.74	8.56	8.68	8.60	8.20	NA	8.57
MOISTURE	(% Weight)	33.4	14.6	14.6	23.9	17.7	22.5	13.7
CARBON	(TOC)	39.0	29.4	35.1	31.7	34.0	NA	42.4

Table 3-2. Detection Summary of Inorganic Constituents in Background Soil (UG/G - Dry, unless otherwise noted)

CONSTITUENT	SITE ID: / DEPTH:	BGS-3X 0'	BGS-3X 7'	BGS-3X 13'	BGS-3X 12'DUP	BGS-4X 0'	BGS-4X 6'	BGS-4X 12'	BGS-4X 13' DUP
Inorganics									
ALUMINUM		9100	8990	9240	8160	8180	6920	8130	9030
ANTIMONY		ND	ND	ND	ND	ND	ND	ND	ND
ARSENIC		3.61	5.49	7.61	8.6 i	4.63	3.14	4.4 i	7.2 i
BARIUM		113	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM		1.18 i	ND i	1.32 i	ND	ND i	ND i	ND	ND
CADMIUM		0.733	ND	ND	ND	ND	ND	4.99	ND
CALCIUM		2360	73900	69600	68400	79500	66900	72000	65700
CHROMIUM		16.5 i	16 i	15.6 i	14.4	13.8 i	13.8	15.1	15.2
COBALT		18.9	10.7	9.84	5.88	8.76	6.80	8.01	7.27
COPPER		17.7 i	20.9 i	19.2 i	19.2	18.4 i	19.6	22.1	17.6
IRON		28400	17200	21600	19200	16100	16100	17400	17600
LEAD		28.0	10.0	11.0	8.67 i	9.60	12.0	12 i	9.74 i
MAGNESIUM		2840	41900	38400	37200	38000	35800	40700	37500
MANGANESE		2360	591	612	408	565	427	441	434
MERCURY		ND	ND	ND	ND	ND	ND	ND	ND
NICKEL		23.6	24.6	24.0	16.8	25.3	20.8	22.1	22.3
POTASSIUM		887	1970	2280	1800	1380	980	1630	1990
SELENIUM		ND	ND	ND	ND	ND	ND	ND	ND
SODIUM		1300	800	552	576	518	473	557	516
THALLIUM		ND	0.488	0.315	0.703	0.391	0.376	0.758	0.638
VANADIUM		37.8	19.7	21.6	18.0	17.3	16.1	18.6	18.8
ZINC		60.3	48.0	44.4	37.2	53.0	53.1	302	41.0
Other									
pH	(std units)	7.92	8.21	8.35	8.74	8.69	8.43	8.70	8.44
MOISTURE	(% Weight)	15.4	18.8	16.7	16.7	13.2	13.3	13.9	14.7
CARBON	(TOC)	12.9	36.8	36.9	45.6	25.8	30.9	36.7	41.9

Table 3-2. Detection Summary of Inorganic Constituents in Background Soil (UG/G - Dry, unless otherwise noted)

CONSTITUENT	SITE ID:	BGS-5X			BGS-6X		
	DEPTH:	0'	6'	12'	0'	6'	10'
Inorganics							
ALUMINUM		11800	7040	9650	10100	10400	7910
ANTIMONY		ND	ND	ND	ND	ND	ND
ARSENIC		3.66	6.00	5.35	4.52	2.28	4.70
BARIUM		63.9	ND	ND	53.5	49	ND
BERYLLIUM		1.3 i	0.739 i	ND i	0.693 i	1.11 i	ND i
CADMIUM		ND	ND	ND	ND	ND	ND
CALCIUM		48500	66900	70900	33700	44200	64900
CHROMIUM		20.1 i	12.9 i	17.4 i	15.8 i	17.9 i	15.3 i
COBALT		15.4	14.1	9.53	8.14	14.3	15.3
COPPER		22.5 i	16.4 i	22.1 i	17.0 i	26.3 i	20.1 i
IRON		22500	15300	17400	15800	21500	17700
LEAD		17.0	10.0	11.0	26.0	12.0	12.0
MAGNESIUM		35500	41100	39500	19400	32300	35400
MANGANESE		923	810	500	486	896	531
MERCURY		ND	ND	ND	ND	ND	ND
NICKEL		37.9	37.6	22.1	18.2	37.0	26.0
POTASSIUM		1890	1530	2330	1220	1550	1420
SELENIUM		ND	ND	ND	ND	ND	ND
SODIUM		391	552	558	474	478	555
THALLIUM		0.363	0.496	0.384	ND	0.413	0.341
VANADIUM		26.0	15.3	20.9	21.9	22.7	18.9
ZINC		50.9	44.6	44.2	52.2	58.5	55.5
Other							
pH	(std units)	NA	NA	NA	NA	NA	NA
MOISTURE	(% Weight)	15.5	14.8	14	17.7	16.3	15.3
CARBON	(TOC)	NA	NA	NA	NA	NA	NA

Table 3-2. Detection Summary of Inorganic Constituents in Background Soil (UG/G - Dry, unless otherwise noted)

CONSTITUENT	SITE ID: / DEPTH:	BGS-7X 0'	BGS-7X 6'	BGS-7X 12'	BGS-7X 12'DUP	BGS-8X 0'	BGS-8X 3.5'	BGS-8X 10'
Inorganics								
ALUMINUM		7860	10600	7490	8840	11900	4930	9990
ANTIMONY		ND	ND	ND	ND	6.45	ND	ND
ARSENIC		4.82	5.91	5.28	6.10 i	9.00 i	6.40 i	6.10 i
BARIUM		ND	ND	ND	ND	53.8	ND	ND
BERYLLIUM		0.786 i	1.02 i	0.681 i	ND	1.31	ND	ND
CADMIUM		ND	ND	ND	ND	ND	ND	ND
CALCIUM		38700	22000	67000	70000	2990	39000	66200
CHROMIUM		13.7 i	18.3 i	13.6 i	14.9	20.3	9.17	17.4
COBALT		6.15	13.4	9.19	8.96	11.5	5.85	9.52
COPPER		14.8 i	18.3 i	18.2 i	18.4	26.3	19.5	18.6
IRON		13700	19500	14800	16100	26300	13800	16300
LEAD		19.0	15.0	9.90	9.78 i	19.0 i	9.59 i	12.0 i
MAGNESIUM		22800	17100	36300	39000	4300	26400	36000
MANGANESE		387	573	443	459	442	528	441
MERCURY		ND	ND	ND	ND	ND	ND	ND
NICKEL		17.1	26.8	20.4	21.8	22.7	17.2	22.1
POTASSIUM		1480	1950	1700	2180	1020	1030	2560
SELENIUM		ND	ND	ND	ND	ND	ND	ND
SODIUM		535	939	749	586	514	436	523
THALLIUM		0.368	0.396	0.385	1.00	0.575	0.703	1.02
VANADIUM		18.2	25.6	17.0	18.4	29.9	12.6	20.9
ZINC		46.7	58.5	36.3	41.3	65.7	51.6	58.1
Other								
pH	(std units)	NA	NA	NA	8.74	NA	NA	NA
MOISTURE	(% Weight)	12.2	18.0	11.9	12.9	16.3	12.8	13.9
CARBON	(TOC)	NA	NA	NA	43.1	NA	NA	NA

Table 3-2. Detection Summary of Inorganic Constituents in Background Soil (UG/G - Dry, unless otherwise noted)

CONSTITUENT	SITE ID: / DEPTH:	BGS-9X 0'	BGS-9X 6'	BGS-9X 13'	BGSS-10 0-1'
Inorganics					
ALUMINUM		12200	4800	7930	8090
ANTIMONY		ND	ND	ND	ND
ARSENIC		6.60 i	5.48 i	7.70 i	4.70 i
BARIUM		59.8	ND	ND	84.7
BERYLLIUM		0.635	0.60	ND	1.08
CADMIUM		ND	ND	ND	1.00
CALCIUM		1340	55200	68500	3210
CHROMIUM		19.5	8.87	14.4	14.1
COBALT		5.62	4.08	8.89	8.09
COPPER		14.7	13.2	19.2	18.0
IRON		19500	12000	15600	12800
LEAD		13.0 i	9.04 i	13.0 i	36.0 i
MAGNESIUM		3790	33600	38500	2310
MANGANESE		293	420	469	911
MERCURY		ND	ND	ND	0.135
NICKEL		14.7	16.8	22.8	14.1
POTASSIUM		1590	1140	1800	963
SELENIUM		0.317	ND	ND	ND
SODIUM		781	480	553	449
THALLIUM		ND	0.784	1.12	0.352
VANADIUM		33.0	13.2	18.0	20.5
ZINC		42.7	57.6	49.3	80.9
Other					
pH	(std units)	NA	NA	NA	7.75
MOISTURE	(% Weight)	18.1	16.6	16.8	22.1
CARBON	(TOC)	NA	NA	NA	37.4

Note: ND = Not Detected, NA = Not Analyzed, UG/G = micrograms per gram - dry
BGS = Background soil sample, BGSS = Background surface soil sample
Depth is in feet below ground surface
i = The low-spike recovery is high.
ESE, 1996

Table 3-3. Detection Summary of Organic Constituents in Background Soil (UG/G - Dry)

CONSTITUENT	SITE ID: DEPTH:	BGS-1X 0-1'	BGS-1X 6'	BGS-1X 12'	BGS-2X 0-1'	BGS-2X 6'	BGS-2X 6'DUP	BGS-2X 11'
VOCs								
ACETONE		ND	ND	0.013	ND	ND	ND	ND
SVOCs								
2-METHYLNAPHTHALENE		ND	ND	0.18	ND	ND	ND	ND
BENZO(A)ANTHRACENE		ND	ND	ND	0.33	ND	ND	ND
BENZO(A)PYRENE		ND	ND	ND	0.32	ND	ND	ND
BENZO(B)FLUORANTHENE		ND	ND	ND	0.28	ND	ND	ND
BENZO(GHI)PERYLENE		ND	ND	ND	0.21	ND	ND	ND
BENZO(K)FLUORANTHENE		ND	ND	ND	0.33	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHLATE		0.29	ND	0.68	0.38	ND	ND	0.23
CHRYSENE		ND	ND	ND	0.39	ND	ND	ND
DI-N-BUTYL PHTHALATE		ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE		ND	ND	ND	0.76	ND	ND	ND
INDENO(1,2,3-CD) PYRENE		ND	ND	ND	0.24	ND	ND	ND
PHENANTHRENE		ND	ND	ND	0.42	ND	ND	ND
PHENOL		ND	0.56	0.64	ND	ND	ND	ND
PYRENE		ND	ND	ND	0.62	ND	ND	ND
Pesticides/Herbicides								
ALPHA-CHLORDANE		0.021 C	ND	ND	ND	ND	ND	ND
CHLORDANE		0.27 C	ND	ND	ND	ND	ND	ND
DDD,PP'		1.70 C	ND	ND	ND	ND	ND	ND
DDE,PP'		7.80 C	ND	ND	0.00407 C	ND	ND	ND
DDT,PP'		3.60 C	ND	ND	ND	ND	ND	ND
GAMMA-CHLORDANE		0.0117 C	ND	ND	ND	ND	ND	ND
METHOXYCHLOR		ND	ND	ND	0.0042 C	ND	ND	ND
Other								
HYDROCARBONS,PETROLEUM		ND	ND	ND	ND	ND	ND	ND

Table 3-3. Detection Summary of Organic Constituents in Background Soil (UG/G - Dry)

SITE ID:	BGS-3X				BGS-4X			
CONSTITUENT DEPTH:	0-1'	7'	13'	12'DUP	0-1'	6'	12'	13'DUP
VOCs								
ACETONE	ND	ND uj	ND	0.013	ND	ND	0.034	ND
SVOCs								
2-METHYLNAPHTHALENE	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(GHI)PERYLENE	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHLATE	ND	0.22	1.3	1.1	ND	0.33	ND	ND
CHRYSENE	ND	ND	ND	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE	ND	ND	ND	ND	ND	ND	ND	ND
FLUORANTHENE	ND	ND	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD) PYRENE	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	ND	ND	ND	ND	ND	ND	ND	ND
PYRENE	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides								
ALPHA-CHLORDANE	ND	ND	ND	ND	ND	ND	ND	ND
CHLORDANE	ND	ND	ND	ND	ND	ND	ND	ND
DDD,PP'	ND	ND	ND	ND	ND	ND	ND	ND
DDE,PP'	ND	ND	ND	ND	ND	ND	ND	ND
DDT,PP'	ND	ND	ND	ND	ND	ND	ND	ND
GAMMA-CHLORDANE	ND	ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR	ND	ND	ND	ND	ND	ND	ND	ND
Other								
HYDROCARBONS,PETROLEUM	ND	ND	ND	ND	ND	ND	ND	31.3

Table 3-3. Detection Summary of Organic Constituents in Background Soil (UG/G - Dry)

CONSTITUENT	SITE ID: DEPTH:	BGS-5X 0-1'	BGS-5X 6'	BGS-5X 12'	BGS-6X 0-1'	BGS-6X 6'	BGS-6X 10'
VOCs							
ACETONE		ND	ND	0.2	ND	ND	ND
SVOCs							
2-METHYLNAPHTHALENE		ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE		ND	ND	ND	0.22	ND	ND
BENZO(A)PYRENE		ND	ND	ND	0.19	ND	ND
BENZO(B)FLUORANTHENE		ND	ND	ND	0.17	ND	ND
BENZO(GHI)PERYLENE		ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE		ND	ND	ND	0.24	ND	ND
BIS(2-ETHYLHEXYL)PHTHLATE		0.34	0.18	ND	0.28	0.24	0.17
CHRYSENE		ND	ND	ND	0.26	ND	ND
DI-N-BUTYL PHTHALATE		ND	ND	ND	ND	ND	ND
FLUORANTHENE		ND	ND	ND	0.47	ND	ND
INDENO(1,2,3-CD) PYRENE		ND	ND	ND	0.17	ND	ND
PHENANTHRENE		ND	ND	ND	0.23	ND	ND
PHENOL		ND	ND	ND	ND	ND	ND
PYRENE		ND	ND	ND	0.38	ND	ND
Pesticides/Herbicides							
ALPHA-CHLORDANE		ND	ND	ND	ND	ND	ND
CHLORDANE		ND	ND	ND	ND	ND	ND
DDD,PP'		ND	ND	ND	ND	ND	ND
DDE,PP'		0.00485 C	ND	ND	0.0352 C	ND	ND
DDT,PP'		ND	ND	ND	0.0219 C	ND	ND
GAMMA-CHLORDANE		ND	ND	ND	ND	ND	ND
METHOXYCHLOR		ND	ND	ND	0.00389 C	ND	ND
Other							
HYDROCARBONS,PETROLEUM		32.0	31.3	ND	ND	ND	48.2

Table 3-3. Detection Summary of Organic Constituents in Background Soil (UG/G - Dry)

CONSTITUENT	SITE ID: DEPTH:	BGS-7X 0-1'	BGS-7X 6'	BGS-7X 12'	BGS-7X 12'DUP	BGS-8X 0-1'	BGS-8X 4'	BGS-8X 10'
VOCs								
ACETONE		ND	ND	ND	0.015	ND	ND	ND
SVOCs								
2-METHYLNAPHTHALENE		ND	ND	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE		0.24	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE		0.24	ND	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE		0.19	ND	ND	ND	ND	ND	ND
BENZO(GHI)PERYLENE		ND	ND	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE		0.30	ND	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHLATE		ND	0.26	0.17	0.28	ND	ND	ND
CHRYSENE		0.30	ND	ND	ND	ND	ND	ND
DI-N-BUTYL PHTHALATE		ND	ND	0.19	ND	ND	ND	ND
FLUORANTHENE		0.48	ND	ND	ND	ND	ND	ND
INDENO(1,2,3-CD) PYRENE		0.19	ND	ND	ND	ND	ND	ND
PHENANTHRENE		0.22	ND	ND	ND	ND	ND	ND
PHENOL		ND	ND	ND	ND	ND	ND	ND
PYRENE		0.42	ND	ND	ND	ND	ND	ND
Pesticides/Herbicides								
ALPHA-CHLORDANE		ND	ND	ND	ND	ND	ND	ND
CHLORDANE		ND	ND	ND	ND	ND	ND	ND
DDD,PP'		0.00376 C	ND	ND	ND	ND	ND	ND
DDE,PP'		0.00752 C	0.0039 C	ND	ND	ND	ND	ND
DDT,PP'		0.0137 C	0.0039 C	ND	ND	ND	ND	ND
GAMMA-CHLORDANE		ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR		0.00558 C	ND	ND	ND	ND	ND	ND
Other								
HYDROCARBONS,PETROLEUM		393	ND	57.3	ND	ND	ND	ND

Table 3-3. Detection Summary of Organic Constituents in Background Soil (UG/G - Dry)

CONSTITUENT	SITE ID: DEPTH:	BGS-9X 0-1'	BGS-9X 6'	BGS-9X 13'	BGSS-10 0-1'
VOCs					
ACETONE		ND	ND	ND	ND
SVOCs					
2-METHYLNAPHTHALENE		ND	ND	ND	ND
BENZO(A)ANTHRACENE		ND	ND	ND	0.30
BENZO(A)PYRENE		ND	ND	ND	0.28
BENZO(B)FLUORANTHENE		ND	ND	ND	0.30
BENZO(GHI)PERYLENE		ND	ND	ND	ND
BENZO(K)FLUORANTHENE		ND	ND	ND	0.26
BIS(2-ETHYLHEXYL)PHTHLATE		0.17	ND	ND	0.33
CHRYSENE		ND	ND	ND	0.36
DI-N-BUTYL PHTHALATE		ND	ND	ND	ND
FLUORANTHENE		ND	ND	ND	0.68
INDENO(1,2,3-CD) PYRENE		ND	ND	ND	0.18
PHENANTHRENE		ND	ND	ND	0.32
PHENOL		ND	ND	ND	ND
PYRENE		ND	ND	ND	0.55
Pesticides/Herbicides					
ALPHA-CHLORDANE		ND	ND	ND	ND
CHLORDANE		ND	ND	ND	ND
DDD,PP'		ND	ND	ND	ND
DDE,PP'		ND	ND	ND	0.0218 C
DDT,PP'		ND	ND	ND	0.0114 C
GAMMA-CHLORDANE		ND	ND	ND	ND
METHOXYCHLOR		ND	ND	ND	ND
Other					
HYDROCARBONS,PETROLEUM		ND	ND	ND	ND

Note: ND=Not Detected, VOCs=Volatile Organic Compounds, SVOCs=Semi-Volatile Organic Compounds
UG/G = micrograms per gram - dry, Depth is presented in feet below ground surface
BGSS = Background surface soil sample, BGS = Background soil sample
C = Analysis was confirmed.

ESE, 1996

Fort Sheridan is not considered to be indicative of mission related releases to the environment. In the absence of statistical indications to the contrary (as discussed later), PAH values in background samples were treated as ubiquitous and/or naturally occurring.

Constituents in the pesticide/herbicide family are not generally considered to be naturally occurring; however, they are, in some settings, ubiquitous. When Fort Sheridan was active, it had a pesticide and herbicide management program in place and several constituents were widely used on the installation. In addition, two of the background sampling locations are proximal to the Fort Sheridan Golf Course which had in the past, and continues to have, various pesticides and herbicides applied (ESE, 1996b). The relatively long half-life and immobility of these constituents means that they are likely to be detected in surface and near surface soil samples collected from areas where they have been used. As previously indicated, soil samples were collected from locations in areas where available information indicates that no mission-related activities or constituent releases occurred. Therefore, the presence of these constituents in some of the background soils is probably not indicative of a spill of pesticides or herbicides, and just as importantly is not considered justification for rejecting the location as a true background location. Each of the herbicides/pesticides occurring more than twice in the background dataset was evaluated statistically to determine if it should be considered background, and if so, at what concentration.

Analysis for TRPH is a problematic evaluation, and, at best, should be considered a gross indicator of potential contamination. The maximum value detected in the background soil samples was 57.3 UG/G. TRPH analysis is performed by infrared (IR) methodology. This methodology reports the presence of material with hydrogen/carbon bonds, including naturally occurring organic material. Organic material content in unaffected soil typically ranges from 0.5% to 5% (George, 1993).

Additionally, clay-rich soils have the potential for erroneous detections of TRPH due to the potential for high suspended solids in the extract. Suspended solids may interfere with the IR methodology, resulting in erroneous detections of TRPH. In short, concentrations of TRPH such as were detected in the background samples (i.e., less than 0.01%) are not indicative of potential contamination (George, 1993).

Some organic constituents were not detected at all, or were detected in only one sample. No occurrence, or only a single hit, of an organic constituent was considered to be *prima facie* evidence that the constituent was not ubiquitous and probably not naturally occurring at Fort Sheridan, and thus should not be considered a background constituent.

For some organic constituents, two values are reported. To evaluate study area constituent concentrations AT necessary detection limits, more than one analytical method was used to analyze for PAHs, pesticides, and explosive related compounds. For instance, to achieve required detection limits for PAHs, SW846 Method 8310 was used. PAHs are also reported on the SW846 Method 8270 (USAEC Method SMV1-WA, SVMV-SO) report for SVOCs; PAHs are considered a subset of SVOCs. The Method 8270 detection limits exceed some potential applicable or relevant and appropriate requirements (ARARs) for PAHs, which precludes a meaningful comparison of Method 8270 results to the ARAR. Consequently, the PAH analysis was run using Method 8310, which can achieve lower method detection limits.

Bis(2-ethylhexyl)phthalate was detected several times within the background soil sample population and within the trip blank population. Therefore, classifying the constituent as a Fort Sheridan background constituent is not warranted. Although due to its detection in the trip blanks, rejecting background sample locations for the presence of Bis(2-ethylhexyl)phthalate would be inappropriate, as well.

3.2.2 Sediment

Although the sediment data collected pursuant to the BSAP are presented herein, there is no statistical evaluation (e.g. outlier testing or UTL calculation) of the data within this document. These data will not be used to screen study areas in the Technical Memorandum. However, the sediment analytical data will be used in risk management decisions, as necessary, in the RI/BRA.

Five sediment samples were collected from the locations indicated in Figure 2-2. The samples were analyzed for the constituents listed in Table 5-1 of the BSAP. The complete IRDMIS printout of analytical data for the sediment samples is included as Appendix E.

Each of the background sediment samples exhibited varying concentrations of naturally occurring inorganic constituents (i.e., metals) (see Appendix E). The occurrence of these inorganic constituents is summarized in Table 3-4.

Several organic constituents were detected in the background sediment samples. The occurrence of these constituents is summarized in Table 3-5. As with the soils, these constituents fall into two categories, PAHs and pesticides/herbicides. Many of the samples also had reported detections of TRPH. The preceding discussion regarding the occurrence of these constituents in soils is true for their occurrence in sediments and will not be reiterated.

Table 3-4. Detection Summary of Inorganic Constituents in Sediments (UG/G - Dry, unless otherwise noted)

CONSTITUENT / SITE ID:	BGSD-1	BGSD-2	BGSD-2DUP	BGSD-3	BGSD-4	BGSD-5
Inorganics						
ALUMINUM	5370	6460	6400	3670	2580	8470
ARSENIC	13.0 i	9.30 i	9.80 i	7.20 i	14.0 i	7.00 i
BARIUM	ND	ND	59.2	ND	ND	58.7
BERYLLIUM	ND	ND	ND	ND	ND	0.756
CALCIUM	64100	82000	65200	52400	58600	37800
CHROMIUM	9.82	10.7	12.1	6.42	6.74	13.0
COBALT	7.33	8.70	11.7	6.03	4.96	10.2
COPPER	17.0	17.4	16.9	13.0	9.31	18.3
IRON	15700	18600	18100	11700	10100	15600
LEAD	43.0 i	10.0 i	14.0 i	9.17 i	8.03 i	21.0 i
MAGNESIUM	38000	49700	39900	31500	34000	24800
MANGANESE	589	683	1090	537	469	548
NICKEL	17.0	18.6	22.9	12.8	9.85	20.9
POTASSIUM	1070	1370	1210	839	657	1830
SODIUM	497	534	459	419	410	508
THALLIUM	1.39	1.39	0.837	0.376	0.536	0.619
VANADIUM	14.4	23.6	19.3	10.7	19.9	23.5
ZINC	39.3	36.0	43.5	34.1	30.5	53.5
Others						
pH (std units)	NA	NA	8.63	NA	NA	NA
MOISTURE (% wet weight)	23.6	19.5	17.2	23.7	14.7	23.3

Note: ND = Not Detected, UG/G-Dry = micrograms per gram - dry, BGSD = background sediment sample
% wet weight = % moisture by weight, NA = Not Analyzed
i = The low-spike recovery is high.

ESE, 1996

Table 3-5. Detection Summary of Organic Constituents in Background Sediments (UG/G - Dry)

CONSTITUENT / SITE ID:	BGSD-1	BGSD-2	BGSD-2DUP	BGSD-3	BGSD-4	BGSD-5
SVOCS						
BENZO(A)ANTHRACENE	2.0	ND	ND	ND	ND	ND
BENZO(A)PYRENE	2.0	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	2.0	ND	ND	ND	ND	ND
BENZO(GHI)PERYLENE	1.0	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	1.0	ND	ND	ND	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	2.0	0.31	ND	0.38	0.28	ND
CHRYSENE	2.0	ND	ND	ND	ND	ND
FLUORANTHENE	5.0	ND	ND	ND	ND	2.0
INDENO(1,2,3-CD) PYRENE	1.0	ND	ND	ND	ND	ND
PHENANTHRENE	4.0	ND	ND	ND	ND	2.0
PYRENE	4.0	ND	ND	ND	ND	2.0
Pesticides/Herbicides						
ALPHA-CHLORDANE	ND	ND	ND	0.00655 C	ND	ND
BHC,G(LINDANE)	ND	ND	ND	0.0076 C	ND	ND
CHLORDANE	ND	0.0398 C	ND	0.0524 C	ND	ND
DDD,PP'	0.0209 C	0.0472 C	0.0217 C	0.19 C	0.0152 C	0.260 C
DDE,PP'	0.0131 C	0.0472 C	0.0205 C	0.0328 C	0.00363 C	0.0652 C
DDT,PP'	0.0170 C	0.0646 C	0.0435 C	0.0524 C	0.00903 C	0.0508 C
GAMMA-CHLORDANE	ND	0.00919 C	0.00543 C	0.00655 C	ND	ND
HEPTACHLOR EPOXIDE	ND	0.0124 C	0.00495 C	ND	ND	ND
Other						
HYDROCARBONS,PETROLEUM	53.9	ND	ND	54.3	ND	78.2
CARBON(TOC) (G/KG -DRY)	NA	NA	24.5	NA	NA	NA

Note: ND = Not Detected, NA = Not Analyzed, VOCs = Volatile Organic Compounds, SVOCs = Semi-Volatile Organic Compounds.
UG/G = micrograms per gram, G/KG -Dry = grams per kilogram - dry
BGSD = Background sediment sample
C = Analysis was confirmed.
ESE, 1996

3.2.3 Surface Water

Although the surface water data collected pursuant to the BSAP are presented herein, there has been no statistical evaluation (e.g. outlier testing or UTL calculation) of the data within this document. These data will not be used to screen study areas in the Technical Memorandum. However, the surface water analytical data will be used, as necessary, to make risk management decisions in the RI/BRA.

Five surface water samples were collected from the locations indicated in Figure 2-2. The samples were analyzed for the organic constituents listed in Table 5-2 of the BSAP. Detected concentrations of constituents in unfiltered surface water background samples are presented in Table 3-6. Detected concentrations of constituents in filtered surface water background samples are presented in Table 3-7. The complete IRDMIS printout of analytical data for the surface water samples is included as Appendix F.

Because the purpose of filtering samples is to remove suspended solids, the unfiltered primary and filtered duplicate surface water samples are expected to contain varying amounts of suspended solids. These variances generally result in differing constituent concentrations for those constituents analyzed for, specifically metals. Metals are specifically evaluated in both filtered and unfiltered samples due to their general propensity to adhere to the suspended solids. Therefore, filtered surface water samples are expected to contain lower concentrations of metals than their corresponding filtered duplicates. However, in fifteen occurrences out of 138 possible, filtered metals concentrations in the background surface water samples exhibited higher concentrations than in their corresponding unfiltered duplicate samples (see Tables 3-6 and 3-7). For example, at Station BGSW-2, sodium was detected in the filtered and unfiltered surface water samples at 43,100 μg/L and 43,200 μg/L, respectively.

Ten of these occurrences were observed for the more highly water soluble metals (barium, calcium, magnesium, manganese, and sodium). Because these metals are relatively soluble, they have a lesser propensity to adhere to suspended solids. Therefore, filtering is unlikely to remove these metals and the concentration of these metals is likely to be nearly identical in both the filtered and unfiltered samples. In fact, for all but two occurrences for manganese, the difference in concentration between the unfiltered sample and corresponding filtered sample is within the normal variance of the analytical method.

The two situations that can not be fully explained by the normal variance of the analytical method are the detection of 10.2 μg/L and 97.3 μg/L of manganese in the filtered surface water samples BGSW-3 and BGSW-4, respectively. While in the unfiltered surface water samples collected from BGSW-3 and BGSW-4, manganese was not detected above the method detection limit of 5.0

Table 3-6. Detection Summary of Inorganic and Organic Constituents in Unfiltered Background Surface Water (UG/L)

CONSTITUENT / SITE ID:	BGSW-1	BGSW-1DUP	BGSW-2	BGSW-3	BGSW-4	BGSW-5
Inorganics						
ALUMINUM,TOTAL	58.9	295	1030	ND	ND	384
ARSENIC,TOTAL	ND	2.7	ND	ND	ND	2.6
BARIUM,TOTAL	55.9	55.7	60.6	50.0	53.9	66.2
CALCIUM,TOTAL	88500	85400	86400	98400	101000	88200
IRON,TOTAL	143	298	1220	ND	ND	553
MAGNESIUM,TOTAL	51300	50200	63800	52600	55200	49900
MANGANESE,TOTAL	21.5	24.6	52.5	ND	40.9	218
POTASSIUM,TOTAL	3570	3210	3640	4560	3310	3530
SODIUM,TOTAL	56700 i	54400 i	43100 i	24700 i	29000 i	53400 i
VOCs						
ACETONE	20	11	10	18	11	ND
SVOCs						
BIS(2-ETHYLHEXYL)PHTHALATE	54	4.9	7.4	2.8	3.4	11
Pesticides/Herbicides						
DDD,PP	ND	ND	ND	ND	0.011 C	ND
HEPTACHLOR EPOXIDE	ND	ND	0.0058 C	ND	ND	ND
Nitroaromatics						
2,4,6-TRINITROTOLUENE	ND	ND	ND	ND	0.425 C	ND
2-AMINO-4,6-DINITROTOLUENE	ND	ND	ND	ND	ND	0.126 C
RDX	ND	ND	ND	ND	0.257 C	ND
Other						
HYDROCARBONS,PETROLEUM	ND	ND	ND	ND	0.18	ND

Note: ND= Not Detected, VOCs= Volatile Organic Compounds
UG/L = micrograms per liter, BGSW = Background surface water sample
C = Analysis was confirmed.
i = The low-spike recovery is high.
ESE, 1996.

Table 3-7. Detection Summary of Inorganic Constituents in Filtered Background Surface Water (UG/L)

CONSTITUENT / SITE ID:	BGSW-1	BGSW-1DUP	BGSW-2	BGSW-3	BGSW-4	BGSW-5
BARIUM,TOTAL	53.3	52.9	54.6	51.1	51.6	62.7
CALCIUM,TOTAL	86800	85100	82500	101000	97100	86100
COPPER,TOTAL	5.54	6.44	6.3	6.57	ND	ND
LEAD,TOTAL	ND	ND	ND	2.6	ND	ND
MAGNESIUM,TOTAL	51200	50400	62400	54800	53500	48900
MANGANESE,TOTAL	20.4	20.4	22.2	10.2	97.3	194
POTASSIUM,TOTAL	3210	3150	2950	4470	3090	3510
SODIUM,TOTAL	56300 i	55000 i	43200 i	25700 i	29200 i	52800 i

Note: ND=Not Detected

UG/L = micrograms per liter, BGSW = Background surface water sample

i = The low-spike recovery is high.

ESE, 1996

μg/L and at a concentration of 40.9 μg/L, respectively. The explanation for these two filtered surface water samples having greater than twice the concentration of manganese reported than in the unfiltered samples is unknown.

The remaining five of the fifteen occurrences were observed for copper and lead. These metals were not detected above their respective method detection limits in the unfiltered surface water samples and were detected at concentrations slightly above their respective method detection limits in the filtered samples. However, the normal variance of the analytical method is likely to result in some filtered surface water samples having higher concentrations of individual metals reported than in the unfiltered sample. The variance in the filtered and unfiltered concentrations in question appear to be within this variance, thus suggesting that copper and lead are barely present in these instances.

The only VOCs detected in the surface water samples were acetone and bis(2-ethylhexyl) phthalate. These two constituents were reported in each of the other sampled media, as well as the trip blank and rinse samples. As stated previously, they are considered laboratory contaminants. Concentrations of Research and Development Explosive (RDX) and 2,4,6-trinitrotoluene (2,4,6-TNT) were detected in sample BGSW-4, as summarized in Table 3-6. These constituents are not considered to be naturally occurring and are very likely related to Fort Sheridan mission activities. It should be noted that the concentrations reported for RDX and 2,4,6-TNT were 0.257 micrograms per liter (UG/L) and 0.425 UG/L, respectively.

Sample BGSW-4 was collected from a pool of water just off the main branch of Janes Ravine. Janes Ravine runs through the north end of the installation past several ammunition magazines. It is possible that the water in the pool from which BGSW-4 was collected was affected by mission activities and thus is not truly a background location.

The constituent 2-Amino-4,6-Dinitrotoluene (2,4,6-DNT) was detected in sample BGSW-5 at 0.126 UG/L and has an OQAPP detection limit of 0.1 UG/L. Sample BGSW-5 was collected in a tributary of Janes Ravine. Historical aerial photographs indicate filling activities in Lake Forest, which are located in this same tributary. The filled ravine that is now Landfill 1 also drains into this tributary. Sample BGSW-5 was collected upstream of both of these potential source areas. The source of the 2,4,6-DNT is unknown.

TRPH was detected in background and surface water sample BGSW-4 (see Table 3-6). As with soils and sediment, the detected concentration is not considered to be indicative of petroleum affected surface water.

3.2.4 Groundwater

Nine groundwater samples, including one duplicate sample, were collected from the background monitoring well locations (Figure 2-1). The samples were analyzed for the constituents listed in Table 5-2 of the BSAP. Detected concentrations of constituents in the unfiltered groundwater and filtered groundwater are presented in Tables 3-8 and 3-9, respectively. The complete IRDMIS printout of analytical data for the groundwater samples is included as Appendix G.

The background wells were sampled during the same sampling periods as the study area wells at Fort Sheridan (i.e. December, 1995 and April, 1996). Due to the clay-rich nature of the soil at Fort Sheridan, some of the wells exhibited extremely slow recovery after purging. A recovery time exceeding three weeks was often required to obtain the requisite sample volume of 17 liters for all analytes. Wells that recovered very slowly also invariably went dry during the purging process. For these wells the practice of collecting the sample volume for all analytes at the same time was modified such that the VOC and filtered metal fraction were collected as soon as the well had recovered adequately. The remaining fractions were then collected after the well had recovered sufficiently to provide adequate water for all the fractions at one collection.

While each of the background monitoring wells went dry during the presample purge, a full suite of analytes could be obtained from all the background wells within 24 hours of purging. Due to an equipment malfunction in the laboratory analytical process, the background wells were resampled for certain constituents in January 1996. Wells BGMW01 and BGMW04 were resampled for PAHs and wells BGMW02 and BGMW03 were resampled for pesticides. A duplicate resample for pesticides was also collected from BGMW02 in January 1996.

Because the study area wells were sampled at the same time as the background wells the background wells were not evaluated for, nor were the data corrected for, seasonal variations. Sampling the study area and background wells at the same time incorporated an internal control for seasonal variation into the database (i.e. levels of naturally occurring or ubiquitous constituents would be expected to vary in both sets of wells if they varied in either due to seasonal effects).

The monitoring wells at Fort Sheridan are screened in geologic materials (i.e., clays) that result in relatively high amounts of suspended solids in unfiltered groundwater samples. Therefore, unfiltered primary and duplicate groundwater samples from monitoring wells located at Fort Sheridan may have varying amounts of suspended solids. These variances may result in differing constituent concentrations, specifically metals.

Table 3-8. Detection Summary of Inorganic and Organic Constituents in Unfiltered Background Groundwater (UG/L)
Page 1 of 2

CONSTITUENT	SITE ID: / DATE:	BGMW01 11/30/95	BGMW01 4/17/96	BGMW02 12/1/95	BGMW02DUP 12/1/95	BGMW02 4/20/95
Inorganics						
ALKALINITY, TOTAL		700000 *	550000	320000 *	228000 *	344000
ALUMINUM,TOTAL		1870	21400	4670	36200	3090
ARSENIC,TOTAL		ND	9.20	4.60	19.4	3.60
BARIUM,TOTAL		37.4	111	60.9	181	45.3
BORON,TOTAL		388	347	686	651	521
CALCIUM,TOTAL		80400	166000	105000	257000	98300
CHLORIDE		6100 *	7300	6900 *	18300 *	6300
CHROMIUM, TOTAL		ND	33.3	ND	52.8	ND
COBALT, TOTAL		ND	ND	ND	22.4	ND
COD, HIGH LEVEL		129000 *	ND	95900 *	ND *	ND
COPPER,TOTAL		5.97	24.5	6.39	55.1	ND
FLUORIDE		810 *	680	780 *	800 *	700
HARDNESS		1320000 *	1130000	872000 *	596000 *	670000
IRON,TOTAL		1930	28500	5160	50200	4110
LEAD, TOTAL		2.60	14.3	2.10	24.6	4.30
MAGNESIUM,TOTAL		151000	190000	81000	163000	81600
MANGANESE,TOTAL		55.4	747	185	1240	148
NICKEL,TOTAL		ND	42.8	ND	66	ND
NITROGEN, NO2+NO3		268 *	235	2000 *	555 *	369
POTASSIUM,TOTAL		4030	12000	5500	15400	4090
RESIDUE, DISS (TDS)		926000 *	982000	760000 *	842000 *	747000
SODIUM,TOTAL		36700	37000	45900	42300	34100
SULFATE		220000 *	220000	280000 *	380000 *	300000
VANADIUM,TOTAL		ND	34.0	ND	69.9	ND
ZINC,TOTAL		ND	66.7	ND	121	ND
Organics						
ANTHRACENE		ND **	ND	ND	ND	0.105
CARBON (TOC)	(MG/L)	1.1	3.1	ND	ND	ND
CHRYSENE		ND **	ND	ND	ND	ND
ENDOSULFAN SULFATE		ND	0.024 C	ND	ND	ND
FLUORANTHENE		ND **	ND	ND	ND	ND
PHENANTHRENE		ND **	ND	ND	ND	ND
PYRENE		ND **	ND	ND	ND	ND

Table 3-8. Detection Summary of Inorganic and Organic Constituents in Unfiltered Background Groundwater (UG/L)
Page 2 of 2

CONSTITUENT	SITE ID:	BGMW03	BGMW03	BGMW04	BGMW04
	DATE:	11/30/95	4/20/96	11/30/95	4/17/96
Inorganics					
ALKALINITY, TOTAL		228000 *	235000	370000 *	320000
ALUMINUM,TOTAL		2390	2580	1590	1090
ARSENIC,TOTAL		ND	ND	ND	ND
BARIUM,TOTAL		31.5	33.2	45.7	39.3
BORON,TOTAL		625	573	ND	ND
CALCIUM,TOTAL		92300	84000	53600	56400
CHLORIDE		18000 *	6100	11000 *	130000
CHROMIUM, TOTAL		ND	ND	ND	ND
COBALT, TOTAL		ND	ND	ND	ND
COD, HIGH LEVEL		ND *	ND	129000 *	ND
COPPER,TOTAL		5.03	ND	ND	ND
FLUORIDE		800 *	660	ND *	ND
HARDNESS		596000 *	576000	568000 *	314000
IRON,TOTAL		2410	2360	1560	1020
LEAD, TOTAL		ND	ND	3.30	3.00
MAGNESIUM,TOTAL		69200	65400	31200	34300
MANGANESE,TOTAL		60.7	56.3	39.1	29.3
NICKEL,TOTAL		ND	ND	ND	ND
NITROGEN, NO2+NO3		555 *	201	1600 *	1700
POTASSIUM,TOTAL		3690	3290	1890	1170
RESIDUE, DISS (TDS)		842000 *	774000	591000 *	400000
SODIUM,TOTAL		53900	49800	85700	51600
SULFATE		390000 *	360000	77000 *	52000
VANADIUM,TOTAL		ND	ND	ND	ND
ZINC,TOTAL		ND	ND	ND	ND
Organics					
ANTHRACENE		ND	ND	0.813 **	ND
CARBON (TOC)	(MG/L)	NA	ND	ND	ND
CHRYSENE		ND	ND	0.125 **	ND
ENDOSULFAN SULFATE		ND **	ND	ND	0.042 C
FLUORANTHENE		ND	ND	0.0713 **	ND
PHENANTHRENE		ND	ND	0.731 **	ND
PYRENE		ND	ND	0.259 **	ND

Note: ND = Not Detected, NA = Not Analyzed, UG/L = micrograms per liter, MG/L milligrams per liter
BGMW = Background monitoring well, TDS = Total dissolved solids, TOC = Total organic carbon, DISS = dissolved.
C = Analysis was confirmed, * = Groundwater sample was collected on February 13 or 14, 1996.
** Groundwater sample collected on January 23 or 24, 1996.
ESE, 1996

Table 3-9. Detection Summary of Inorganic Constituents in Filtered Background Groundwater (UG/L)
Page 1 of 2

CONSTITUENT	SITE ID: DATE:	BGMW01 11/30/95	BGMW01 4/17/96	BGMW02 12/1/95	BGMW02DUP 12/1/95	BGMW02 4/20/95
ALUMINUM,TOTAL		ND	54.0	ND	ND	49.6
ARSENIC,TOTAL		ND	ND	2.90	2.60	ND
BARIUM,TOTAL		29.6	29.5	34.3	35.7	29.7
BORON,TOTAL		335	355	618	624	522
CALCIUM,TOTAL		75200	75100	78300	83100	79600
COPPER,TOTAL		ND	ND	ND	ND	ND
IRON,TOTAL		ND	ND	ND	58.8	ND
MAGNESIUM,TOTAL		145000	142000	63800	70600	71900
MANGANESE,TOTAL		22.8	25.3	41.1	40.3	20.3
POTASSIUM,TOTAL		3610	4080	3020	2880	2600
SODIUM,TOTAL		36800	39500	42700	44200	32500

Table 3-9. Detection Summary of Inorganic Constituents in Filtered Background Groundwater (UG/L)
Page 2 of 2

CONSTITUENT	SITE ID: / DATE:	BGMW03 11/30/95	BGMW03 4/20/96	BGMW04 11/30/95	BGMW04 4/17/96
ALUMINUM,TOTAL		ND	ND	ND	ND
ARSENIC,TOTAL		ND	ND	ND	ND
BARIUM,TOTAL		ND	ND	35.7	26.3
BORON,TOTAL		604	541	ND	59.9
CALCIUM,TOTAL		86800	79700	48800	59000
COPPER,TOTAL		ND	ND	ND	7.06
IRON,TOTAL		ND	ND	ND	ND
MAGNESIUM,TOTAL		69200	61300	28400	35200
MANGANESE,TOTAL		15.3	8.12	6.85	ND
POTASSIUM,TOTAL		2730	4430	1260	773
SODIUM,TOTAL		52200	60100	84800	50300

Note: ND = Not Detected, UG/L = micrograms per liter
BGMW = Background monitoring well
ESE, 1996

Most filtered groundwater samples had lower concentrations of metals detected than their corresponding filtered samples. In ten occurrences out of 216 possible, metals concentrations in filtered groundwater samples were greater than in their corresponding unfiltered samples (see Tables 3-8 and 3-9). For example, in the groundwater sample collected from monitoring well BGMW-1 on 11/30/95, sodium was detected in the filtered and unfiltered samples at 36,700 μg/L and 36,800 μg/L, respectively. Nine of these occurrences were observed for the more highly water soluble metals (boron, calcium, magnesium, and sodium). As discussed in Section 3.2.3, filtering is unlikely to affect their concentration because they are highly soluble in water. Therefore, the concentration of these metals in groundwater samples is likely to be nearly identical before and after filtering.

The tenth occurrence was observed for copper in the groundwater sample collected from monitoring well BGMW04 on 4/17/96. Copper was not detected above the method detection limit in the unfiltered sample, but was detected at a concentration slightly above the method detection limit in the filtered sample. However, the normal variance of the analytical method is likely to result in some filtered groundwater samples having higher concentrations of individual metals reported than in the unfiltered sample. The variance in the filtered and unfiltered concentrations in question appear to be within this variance, thus suggesting that copper is barely present in this instance.

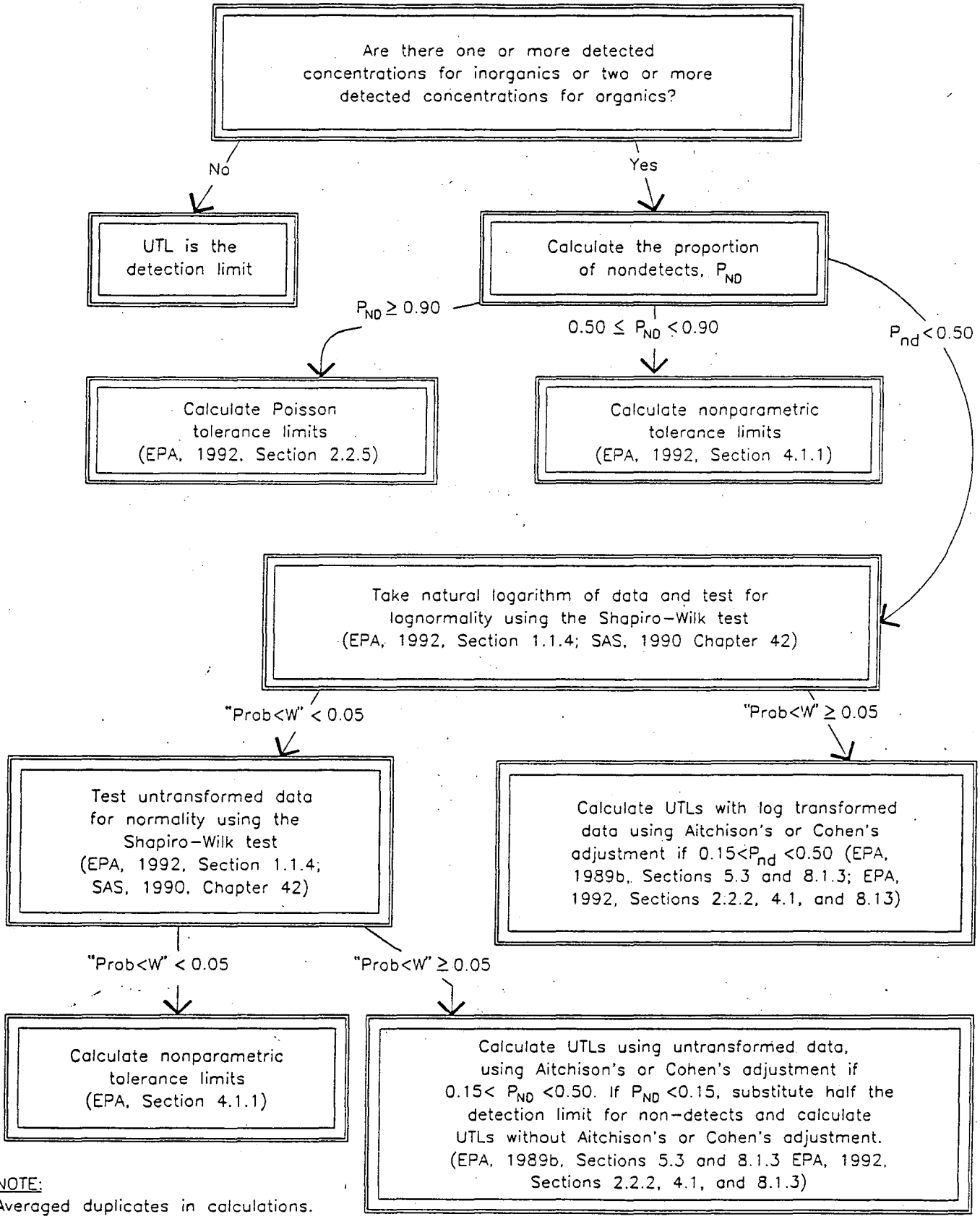
No organic constituents were detected in the filtered background groundwater samples. A few organic constituents were detected in unfiltered groundwater samples collected from monitoring wells BGMW-02 and BGMW-04. Anthracene was detected in the groundwater sample collected from monitoring well BGMW-02 in the second round of groundwater sampling. Several PAHs were detected in the groundwater sample collected from monitoring well BGMW-04 in the first round of groundwater sampling. PAHs were not detected in the second round of groundwater samples collected from BGMW-04, however endosulfan sulfate was detected in this sample. A source for these constituents, anthropogenic or otherwise, has not been identified. The filtered groundwater samples did not exhibit detections of PAHs, suggesting that the PAHs are associated with the suspended solids. As discussed previously, PAHs are naturally occurring in soil. The shallow soil sample (0-1') collected from background soil boring BGSB-6X, in which BGMW-04 was installed, had several PAHs detected. However, the soil samples from background soil boring BGSB-08X, in which BGMW-04 was installed, did not have any detectable concentrations of PAHs.

4.0 Data Evaluation/ Establishing a Background Database

In accordance with the TEP, UTLs were established as the appropriate statistical methodology for the evaluation of constituents with detected concentrations in the background dataset. The background dataset was also evaluated using an outlier test before a UTL was calculated. For constituents that were not detected throughout the background dataset for a given medium, the detection limits were adopted as the UTLs for that medium. For inorganic and organic constituents that were detected once or more and twice or more, respectively, the proportion of non-detects (P_{ND}) were evaluated (Figure 4-1). Based on the results of the P_{ND} analysis, Poisson tolerance limits were calculated or nonparametric tolerance limits were calculated or a lognormality distribution evaluation was conducted. The procedure is based on the TEP as outlined in Figure 4-1. Based on the results of the lognormality test (Shapiro-Wilk test) the logic path leads to the use of nonparametric tolerance limits, UTLs using untransformed data including Aitchison's or Cohen's adjustments, or lognormal UTLs using Aitchison's or Cohen's adjustments (see Figure 4-1). The following paragraphs discuss the general process for evaluating the data prior to and including the establishment of appropriate UTLs.

4.1 Inorganic Constituents and Soils

As discussed in the TEP and previously in this document, it may be appropriate to subset background soil data by depth or soil type prior to comparison of background concentrations to study area concentrations. It is well known that natural inorganic constituent concentrations in soils are affected by soil type. In particular, the concentrations of many metals in natural soils are likely to be correlated with particle size distribution and especially the clay content. Inorganic constituent concentrations may also depend on depth below land surface as a result of natural weathering. Well-defined soil/sediment stratigraphy may also cause soil type to be correlated with depth. Such relationships are site specific. Constituents deposited on the land surface from distant sources of air emissions may be elevated in surficial soils when compared with subsurface soils. It would be inappropriate to compare, as an example, sandy soils from a study area with clayey soils from a background sampling location if natural constituent concentrations depend on clay content. Because of the potential correlation of inorganic constituent concentration with depth and/or soil type, the inorganic background soil data were evaluated to determine whether constituent concentrations were correlated with either soil type or sampling depth. Such a correlation would lead to recommendations to define soil data subsets for determination of background levels. As a result of this evaluation, discussed below, it was determined that surficial soils be distinguished from subsurface soils for evaluation of background concentrations.



NOTE:
Averaged duplicates in calculations.

Figure 4–1
UTL Calculation Process
Final Background Sampling and Data Evaluation Report
Fort Sheridan, Illinois

Environmental Science & Engineering, Inc.
10/10/96 590–0000
Revised 10/17/96 UTL–CP

Background soil samples were collected in three depth intervals: surficial (i.e., 0-1 ft-bgs), 4-7 ft-bgs, and 10-13 ft-bgs. Soil/sediment types were characterized in the field by the USCS classification system.

Six soil types were identified among the 32 soil samples collected with the following frequency: clay of low plasticity (CL), 21 of 32; CL/ML (low plasticity clay mixed with clayey silts of low plasticity), 4 of 32; sand clay mixtures (SC), 4 of 32; high and low plasticity clays mixed (CH/CL), 1 of 32; low plasticity silts (ML), 1 of 32; and clayey silts of high to low plasticity (ML/MH), 1 of 32. Each of these soil types has moderate to high clay content (greater than 30% clay). Furthermore, 26 of 32 samples (81%) were designated as CL or CL mixed with CH or ML. These results indicate that the background soils are relatively homogeneous with respect to clay content, and that subsetting by soil type may not be useful or statistically reliable, since only six samples were not designated as CL.

Although most samples were designated as CL, making further evaluation by soil type problematic, it appears that soil type is related to depth. Of the 26 samples designated as CL, CH/CL, or CL/ML (i.e., the finer grained soils within the dataset), seven were collected at the surface, eight from the 4-7 ft-bgs interval, and 11 from the 10-13 ft-bgs interval [CL frequency is significantly correlated with depth ($r = 0.96$)]. On the other hand, the coarser soil types (ML, ML/MH, and SC) are more predominant at shallower depth: three were collected at the surface, two from the 4-7 ft interval, and one from the 10-13 ft-bgs interval ($r = -1.00$). This apparent correlation of clay content with depth below ground surface indicates that the effect, if any, of clay content on natural background chemical concentrations may be incorporated by subsetting samples based on depth.

Based on these considerations, the background data were preliminarily subsetted by depth into three categories (surface, 4-7 ft-bgs, and 10-13 ft-bgs). A simple t test (implemented through the General Linear Models procedure of the Statistical Analysis System, SAS®) was performed to determine if there were significant differences in metals concentrations as a function of depth. SAS® is a commercially available computer program designed to perform a wide variety of statistical analyses on datasets. SAS® is approved for use by the USEPA and other regulatory agencies. In all, 23 metals were evaluated by comparing each of the depth intervals with the other two, a total of 69 test comparisons.

The results are summarized as follows:

- There was no significant difference in concentrations at the 4-7 ft and 10-13 ft intervals for any metal except potassium.

- Nine metals exhibited significant differences between the surface interval and the 10-13 ft-bgs interval; these were barium, beryllium, calcium, lead, magnesium, manganese, potassium, thallium, and vanadium.
- Seven metals (all the above except manganese and potassium) were significantly different in the surface dataset when compared with the 4-7 ft interval.

It appears, then, that several metal concentrations are significantly different in surface samples when compared with subsurface samples, while there is no difference between the two subsurface intervals. Based on these results, the surficial samples were evaluated independently from the subsurface samples. Comparisons of study area data with background data will employ this categorization: surficial soils from study areas will be compared with surficial background soils, while subsurface study area soils will be compared with subsurface background soils. For example, a study area sample collected from 0 to 1 ft-bgs will be compared to the appropriate background value for surface background soils. Study area soil samples greater than 1 ft-bgs (e.g., 2 or 3 ft-bgs) will be compared to the appropriate background value for subsurface soils.

The confidence of the above subsetting by depth was further evaluated by screening for outliers. In accordance with the USEPA statistical guidance, the soil depth subsets were evaluated for outliers by examining the data for results greater than four times the mean (USEPA, 1989). This screening was done for each inorganic constituent at each of the subject depths. Based on this screening analysis, inorganic outliers were not identified. The soil subsets based on depths for inorganic constituents were accepted and did not require the more rigorous test for outliers.

4.2 Methodology

The methodologies used in performing the outlier test and calculating the one-sided upper 95% tolerance limits (UTLs) were derived from *U.S. EPA Statistical Analysis of Ground-water Monitoring Data at RCRA Facilities: Interim Final Guidance* (USEPA, 1989b) and the *Addendum to Interim Final Guidance* (USEPA, 1992). As recommended by USEPA (USEPA, 1992, Section 2.0), if the percentage of nondetects is 15% or fewer for all samples for a given analyte in a particular medium, the nondetects were replaced with half the detection limit. When the USEPA 1989 and USEPA 1992 guidance contradicted each other, the USEPA 1992 guidance was followed. If issues were not addressed in the guidance, standard principles of environmental data analysis were employed (e.g. duplicate samples were averaged with their primary sample). The practices of halving nondetects and averaging duplicates were applied before the outlier test (see Section 4.2.1) and the UTL calculations (see Section 4.2.2).

4.2.1 Outlier Testing

In accordance with the TEP (ESE, 1996), the datasets for each analyte were evaluated for outliers prior to calculating the UTLs. The outlier test recommended by USEPA (USEPA, 1989b, Section 8.2; USEPA, 1992, Section 6.2) was performed for each analyte with at least two detected concentrations. Although the USEPA guidance (USEPA, 1992, Section 6.2) recommends that "formal testing for outliers should be done only if an observation seems particularly high (by orders of magnitude) compared to the rest of the dataset," all data were tested to identify any suspect observations. However, observations were eliminated from the analyses only if there was a known reason to justify their elimination (e.g., laboratory error).

The outlier test methodology presented in the USEPA guidance (USEPA, 1989b; USEPA, 1992) assumes that the data, except for the suspect observation are normally or lognormally distributed. The Shapiro-Wilk test for normality, which is considered one of the very best tests of normality available and is recommended for sample sizes of 50 or less was employed to determine if the data were lognormally or normally distributed (USEPA, 1992, Section 1.1.4). Since a nonparametric alternative is not provided in the guidance, if the Shapiro-Wilk test indicated that the dataset for an analyte, except the maximum concentration, is neither normally or lognormally distributed, a lognormal distribution was assumed. The reason for this decision is that lognormal data typically have one or more elevated concentrations. By assuming lognormality, classifying a high lognormal measurement as an outlier just because the test assumptions were violated can be avoided (USEPA, 1992, Section 6.2). The Shapiro-Wilk test is performed by (see USEPA, 1992, Section 1.1.4):

(1) ordering the data from smallest to largest in the first column, $x_{(i)}$, and from largest to smallest in the second column, $x_{(n-i+1)}$;

(2) computing the differences, $x_{(n-i+1)}-x_{(i)}$, in the third column, by subtracting column one from column two;

(3) computing k as the greatest integer less than or equal to n/2;

(4) looking up the coefficients, a_{n-i+1}, from Table A-1 (USEPA, 1992) and listing in the fourth column;

(5) multiplying the differences in the third column by the coefficients in the fourth column and adding the first k products to obtain the quantity b, which is the sum of the b_is;

(6) computing the sample standard deviation, S;

$$S = \sqrt{\frac{\sum_{i=1}^{n} (x_i - \bar{x})^2}{n-1}} = \sqrt{\frac{\sum_{i=1}^{n} x_i^2 - \frac{1}{n} (\sum_{i=1}^{n} x_i)^2}{n-1}}$$

where n = total number of samples;
x_i = individual concentrations; and
$\bar{x}$ = arithmetic average.

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{n} x_i$$

(7) calculating the test statistic, W;

$$W = \left[\frac{b}{S\sqrt{n-1}}\right]^2$$

(8) comparing the computed value in step (7) above to the 5% critical value for the given sample size, n, in Table A-2 (USEPA, 1992); and

(9) concluding that the data are normal (or lognormal if the natural logarithms were taken) if the calculated value is greater than the Table A-2 W value (USEPA, 1992).

A procedure in the statistical software system, SAS® (1989-1996), was used to perform the Shapiro-Wilk test for normality or lognormality. The "PROB<W" value from the SAS® output from PROC UNIVARIATE with the NORMAL option (SAS®, 1990, Chapter 42; i.e., a 95% confidence level) was used to assess normality or lognormality. If the "PROB<W" was greater than or equal to 0.05, then normality or lognormality was assumed, as appropriate.

Additionally, although the preference of lognormality over normality was not discussed in the outlier section of the USEPA 1992 guidance, it was discussed in other sections of the USEPA 1992 guidance (e.g., Section 1.1). The USEPA 1992 guidance recommends that "all data first be logged prior to checking distributional assumptions" and states that "if the assumption of lognormality is not rejected, further statistical analysis should be performed on the logged observations, not the original data". It should be noted that the Shapiro-Wilk test assesses how well a dataset fits the normal distribution. To evaluate lognormality, the natural logarithms of the data are calculated and the logged data are evaluated for normality. This is done because, if a dataset is truly lognormally distributed, the natural logs of the data are normally distributed. The USEPA 1992 guidance goes on to state that "if the lognormal distribution is rejected by a

statistical test, one can either test the normality of the data or use a nonparametric technique". Therefore, the data were first tested for lognormality. If the data were found to be lognormal, then a test for normality was not performed. If the data were not found to be lognormal, then a test for normality was performed. These principles were followed in testing distributional assumptions for the outlier test.

The following formula was used to identify potential outliers for each analyte within a medium (USEPA, 1989b, Section 8.2):

$$T_n = \frac{x_n - \bar{x}}{S}$$

where x_n = largest observation (duplicates averaged);
$\bar{x}$ = arithmetic average (duplicates averaged and nondetects halved); and
S = sample standard deviation (duplicates averaged and nondetects halved).

If all the data except the maximum concentration were found to be lognormally distributed or if the data were found to be neither normally nor lognormally distributed by the Shapiro-Wilk test, the above equation was applied to the natural logarithms of the data (USEPA, 1992, Section 1.1.4; SAS®, 1990, Chapter 42). If the data, except the maximum concentration, were found to be normally distributed by the Shapiro-Wilk test, the above equation was applied to the untransformed data. The T_n statistic above was compared to a critical value from Table 8 of Appendix B of the USEPA 1989 guidance (USEPA 1989b). If T_n exceeded the critical value from the table, the largest observation, x_n, was identified as a potential outlier. Example calculations are provided in Appendix H of this report. The outlier test results for inorganic and organic constituents for background soils and unfiltered groundwater are provided in Tables 4-1, 4-2, 4-3 and 4-4, respectively.

The only samples identified as potential outliers and excluded from the calculations were the BGMW02DUP and the Round 2 BGMW01 groundwater samples. These two samples exhibited concentrations of analytes that were generally elevated above those in the other groundwater samples. The noticeable difference in concentrations between the duplicate BGMW02DUP and primary groundwater sample BGMW02 may be due to sampling error. Therefore, the BGMW02DUP groundwater data were excluded from the outlier analyses. The elimination of the BGMW02DUP on the basis of the data from the outlier analyses did not lower the sample size as the BGMW02DUP data would have been averaged with the BGMW02 data prior to performing the outlier tests. The Round 2 BGMW01 groundwater data were also identified as potential

Table 4-1. Potential Outliers for Inorganic Constituents in Background Soil (UG/G - Dry)

Analyte	Depth ft-bgs	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
ALUMINUM	0-1'	10	Lognormal	9.45	9.20	0.21	1.19	2.18	None
	>1'	18	Lognormal	9.32	8.99	0.24	1.35	2.50	None
ARSENIC	0-1'	10	Lognormal	2.20	1.49	0.37	1.94	2.18	None
	>1'	18	Normal	8.11	5.37	1.39	1.96	2.50	None
BARIUM	0-1'	10	Lognormal	5.31	4.09	0.71	1.72	2.18	None
	>1'	18	Nonpar/Lognrm	4.25	3.15	0.38	2.88	2.50	BGS-2X
BERYLLIUM	0-1'	10	Normal	1.34	0.88	0.42	1.11	2.18	None
	>1'	18	Nonpar/Lognrm	0.10	-0.96	0.58	1.84	2.50	None
CADMIUM	0-1'	10	Nonpar/Lognrm	0.01	-1.03	0.58	1.78	2.18	None
CALCIUM	0-1'	10	Lognormal	11.28	9.10	1.50	1.46	2.18	None
	>1'	18	Nonpar/Lognrm	11.22	11.00	0.31	0.70	2.50	None
CHROMIUM	0-1'	10	Lognormal	3.00	2.76	0.17	1.37	2.18	None
	>1'	18	Normal	18.90	14.75	2.87	1.45	2.50	None
COBALT	0-1'	10	Lognormal	2.92	2.24	0.37	1.84	2.18	None
	>1'	18	Lognormal	2.73	2.20	0.33	1.60	2.50	None
COPPER	0-1'	10	Lognormal	3.26	2.88	0.19	2.02	2.18	None
	>1'	18	Normal	25.80	19.12	2.56	2.60	2.50	BGS-6X

Table 4-1. Potential Outliers for Inorganic Constituents in Background Soil (UG/G - Dry)

Analyte	Depth ft-bgs	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
IRON	0-1'	10	Lognormal	10.23	9.79	0.28	1.60	2.18	None
	> 1'	18	Lognormal	9.99	9.72	0.14	1.93	2.50	None
LEAD	0-1'	10	Lognormal	4.02	3.07	0.51	1.89	2.18	None
	> 1'	18	Lognormal	2.68	2.39	0.13	2.16	2.50	None
MAGNESIU	0-1'	10	Nonpar/Lognrm	10.54	8.93	1.15	1.40	2.18	None
	> 1'	18	Nonpar/Lognrm	10.65	10.47	0.22	0.85	2.50	None
MANGANES	0-1'	10	Lognormal	8.14	6.64	0.79	1.91	2.18	None
	> 1'	18	Nonpar/Lognrm	6.80	6.23	0.22	2.62	2.50	BGS-6X
NICKEL	0-1'	10	Lognormal	3.62	2.94	0.35	1.95	2.18	None
	> 1'	18	Lognormal	3.62	3.14	0.21	2.28	2.50	None
POTASSIUM	0-1'	10	Lognormal	7.56	7.06	0.31	1.63	2.18	None
	> 1'	18	Lognormal	7.84	7.40	0.28	1.57	2.50	None
SODIUM	0-1'	10	Lognormal	7.16	6.34	0.34	2.39	2.18	BGS-3X
	> 1'	18	Lognormal	6.84	6.35	0.20	2.42	2.50	None
THALLIUM	0-1'	10	Nonpar/Lognrm	-0.56	-1.49	0.63	1.49	2.18	None
	> 1'	18	Lognormal	0.11	-0.62	0.36	2.00	2.50	None

Table 4-1. Potential Outliers for Inorganic Constituents in Background Soil (UG/G - Dry)

Analyte	Depth ft-bgs	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
VANADIUM	0-1'	10	Lognormal	3.64	3.19	0.27	1.65	2.18	None
	>1'	18	Lognormal	3.23	2.90	0.19	1.70	2.50	None
ZINC	0-1'	10	Lognormal	4.78	4.11	0.30	2.21	2.18	BGS-1X
	>1'	18	Lognormal	5.15	3.95	0.33	3.60	2.50	GS-4X/DU

Note: Ft-bgs = feet below ground surface, UG/G - Dry = micrograms per gram - dry

Nonpar/Lognrm = Nonparametric/Longnormal , Data were not normally or lognormally distributed, so lognormal distribution was assumed.

ESE, 1996

Table 4-2. Potential Outliers for Organic Constituents in Background Soil (UG/G - Dry)

Analyte	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
<u>SVOC (Not Golf Course Related)</u>								
BENZO(A)ANTHRACENE	10	Nonpar/Lognrm	-1.11	-2.12	0.7	1.44	2.18	None
BENZO(A)PYRENE	10	Nonpar/Lognrm	-1.14	-2.15	0.68	1.49	2.18	None
BENZO(B)FLUORANTHENE	10	Nonpar/Lognrm	-1.2	-2.19	0.63	1.56	2.18	None
BENZO(K)FLUORANTHENE	10	Nonpar/Lognrm	-1.11	-2.1	0.72	1.38	2.18	None
CHRYSENE	10	Nonpar/Lognrm	-0.94	-2.05	0.8	1.39	2.18	None
FLUORANTHENE	10	Nonpar/Lognrm	-0.27	-1.81	1.1	1.39	2.18	None
INDENO(1,2,3-CD) PYRENE	10	Nonpar/Lognrm	-1.43	-2.25	0.53	1.55	2.18	None
PHENANTHRENE	10	Nonpar/Lognrm	-0.87	-2.09	0.75	1.64	2.18	None
PYRENE	10	Nonpar/Lognrm	-0.48	-1.89	1.01	1.4	2.18	None

Table 4-2. Potential Outliers for Organic Constituents in Background Soil (UG/G - Dry)

Analyte	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
PESTICIDES/HERBICIDES (Not Golf Course Related)								
DDE,PP'	11	Nonpar/Lognrm	-3.35	-5.64	1.17	1.96	2.23	None
DDT,PP'	11	Nonpar/Lognrm	-3.82	-5.78	1.07	1.84	2.23	None
METHOXYCHLOR	11	Nonpar/Lognrm	-5.12	-6.2	0.53	2.03	2.23	None
PESTICIDES/HERBICIDES (Golf Course Related)								
DDE,PP'	8	Nonpar/Lognrm	2.06	-5.28	3	2.5	2.03	BGS-1X

Note: UG/G - Dry = micrograms per gram - dry

Nonpar/Lognrm = Nonparametric/Lognormal, Data were not normally or lognormally distributed, so lognormal distribution was assumed.

ESE, 1996

Table 4-3. Potential Outliers for Inorganic Constituents in Background Unfiltered Groundwater (UG/L)

Analyte	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T n	Upper 5% Significance Level	Potential Outlier
ALUMINUM,TOTAL	8	Lognormal	9.97	8.00	0.91	2.17	2.03	BGMW01
ARSENIC,TOTAL	8	Nonpar/Lognrm	2.22	0.77	0.80	1.82	2.03	None
BARIUM,TOTAL	8	Lognormal	4.71	3.84	0.41	2.13	2.03	BGMW01
BORON,TOTAL	8	Normal	686.00	398.75	256.68	1.12	2.03	None
CALCIUM,TOTAL	8	Lognormal	12.02	11.37	0.36	1.81	2.03	None
CHLORIDE	8	Nonpar/Lognrm	9.81	9.06	0.41	1.82	2.03	None
COPPER,TOTAL	8	Nonpar/Lognrm	3.20	1.52	0.80	2.11	2.03	BGMW01
FLUORIDE	8	Nonpar/Lognrm	6.70	6.33	0.50	0.74	2.03	None
IRON,TOTAL	8	Lognormal	10.26	8.07	1.02	2.14	2.03	BGMW01
LEAD,TOTAL	8	Lognormal	2.66	1.01	0.85	1.93	2.03	None
MAGNESIUM,TOTAL	8	Lognormal	12.15	11.21	0.63	1.49	2.03	None
MANGANESE,TOTAL	8	Lognormal	6.62	4.50	1.06	2.00	2.03	None
NITROGEN,NO2+NO3	8	Lognormal	7.62	6.38	0.96	1.29	2.03	None
POTASSIUM,TOTAL	8	Lognormal	9.39	8.19	0.69	1.74	2.03	None
SODIUM,TOTAL	8	Lognormal	11.36	10.76	0.30	2.02	2.03	None
SULFATE	8	Lognormal	12.85	12.19	0.74	0.89	2.03	None

Note Deleted BGMW02DUP samples because the difference in concentrations between the duplicate and primary samples may be due to sampling error. Includes 1995 and 1996 unqualified background data.
UG/L = micrograms per liter.
Nonpar/Lognrm = Nonparametric/Lognormal. Data were not normally or lognormally distributed, so a lognormal distribution was assumed.
ESE, 1996.

Table 4-4. Potential Outliers for Organic Constituents in Background Unfiltered Groundwater (UG/L)

Analyte	Sample Size	Distribution	Maximum Detected Concentration	Average Concentration	Standard Deviation	T_n	Upper 5% Significance Level	Potential Outlier
ANTHRACENE	12	Nonpar/Lognrm	-0.21	-1.70	1.48	1.01	2.23	None

Note: Deleted BGMW02DUP samples because the difference in concentrations between the duplicate and primary samples may be due to sampling error. Includes 1995 and 1996 unqualified background data.
UG/L = micrograms per liter.
Nonpar/Lognrm = Nonparametric/Lognormal. Data were not normally or lognormally distributed, so a lognormal distribution was assumed.

ESE, 1996.

outliers and excluded from subsequent calculations. The elevated inorganic constituent levels detected in samples BGMW02DUP and Round 2 BGMW01 may have been related to excessive sediment in the samples and therefore not indicative of the values typically found in unfiltered groundwater samples at Fort Sheridan, thus justifying their exclusion from the background database. None of the other values identified as potential outliers could be correlated with a possible error in sampling or analysis, nor were they high enough compared to the other data to raise suspicions regarding their validity (i.e. at least an order of magnitude greater than other values). Consequently, in accordance with the USEPA guidance (USEPA 1989 and 1992) stating that outliers should not be excluded unless they can be correlated with an error (e.g. data transcription or analytical) the BCT agreed not to exclude any outliers other than the two previously mentioned (BCT Meeting, August 22, 1996).

4.2.2 Calculating UTLs

The process followed for calculating UTLs is outlined in the TEP (ESE, 1996) and is summarized in Figure 4-1. If an inorganic constituent had no detected concentrations or an organic constituent had none or one detected concentration, the detection limit became the UTL. If there were one or more detected concentrations for inorganic constituents or two or more detected concentrations for organic constituents, P_{ND} was calculated. The following subsections discuss the methodologies employed for various P_{ND}s.

4.2.2.1 Proportion of Nondetects Exceeding 0.50

Based on the value of P_{ND}, several outcomes are possible. If the P_{ND} was high (greater than or equal to 0.90), then a Poisson tolerance limit was calculated (USEPA, 1992, Section 2.2.5). If the P_{ND} was between 0.50 and 0.90, then a nonparametric tolerance limit was calculated (USEPA, 1992, Section 4.1.1). Example calculations for the Poisson and nonparametric tolerance limits are provided in Appendix H of this report.

<u>Poisson UTLs</u>

Poisson tolerance limits were calculated for all analytes with P_{ND}s exceeding 0.90 [antimony at 0 to 1 feet below ground surface (ft-bgs), cadmium at >1 ft-bgs, mercury at 0 to 1 ft-bgs, and selenium at 0 to 1 ft-bgs in soil] as follows:

$$\lambda_{T_n} = \frac{1}{2n} \chi^2_{\gamma} [2T_n + 2]$$

where λ_{T_n} = Zacks' formula for the most probable rate;
n = sample size; and

$\chi_\gamma^2[2T_n+2]$ = γ percentile of the Chi-square distribution with $(2T_n+2)$ degrees of freedom (USEPA, 1992, Section 2.2.5).

The inverse of the cumulative one-tailed Chi-square distribution was obtained using @CHIINV(0.05,$2T_n$+2) in the software package, Quattro Pro 6.0 (Novell, 1994).

Then, the probable occurrence rate, $2\lambda_{T_n}$, was computed. Using a Chi-square table, the smallest degrees of freedom (k) were found such that:

$$\chi^2_{0.05}[2k+2] \geq 2\lambda_{T_n}$$

This k value became the upper Poisson tolerance limit.

<u>Nonparametric UTLs</u>

When the proportion of nondetects was between 0.50 and 0.90 or if the data were not found to be normally or lognormally distributed, a nonparametric UTL was calculated. The nonparametric UTL is typically the maximum detected concentration for small sample sizes (USEPA, 1992, Section 4.1.1). Nonparametric UTLs are limited in that, since the underlying distribution of concentrations is unknown, additional background samples are required to construct UTLs with sufficiently high coverage (USEPA, 1992). Minimum coverages (β) for these nonparametric UTLs ranged from 65.2% for groundwater to 84.7% for inorganics in soil at depths exceeding 1 foot. Average coverages for these nonparametric UTLs ranged from 87.5% for groundwater to 94.7% for inorganics in soil at depths exceeding 1 foot.

4.2.2.2 Proportion of Nondetects 0.50 or Less

If the P_{ND} is less than 0.50, then the data were tested for lognormality using the Shapiro-Wilk test on the natural logarithm transformed data (USEPA, 1992, Section 1.1.4) . If the test on the natural logarithm transformed data was significant ("PROB<W" < 0.05; SAS®, 1990, Chapter 42), then the data are not lognormally distributed and the Shapiro-Wilk test was performed on the non-transformed data. If the test on the natural logarithm transformed data was not significant ("PROB<W" ≥ 0.05), then the UTL was calculated using the natural logarithm transformed data. If the test on the non-transformed data was significant, then the data are not normally distributed and a nonparametric UTL was calculated as discussed in the preceding section. If the test on the non-transformed data was not significant, then the data are assumed to be normally distributed and the UTL was calculated using the non-transformed data.

If the P_{ND} was less than 0.15, then the UTL was calculated using the natural logarithms of the data if the data were found to be lognormally distributed or using the non-transformed data if the data were found to be normally distributed. The general formula for the UTL is (USEPA, 1989b, Section 5.3):

$$UTL = \bar{x} + KS$$

$$K = t_{n-1,1-\beta}\sqrt{1+\frac{1}{n}}$$

where $\bar{x}$ = sample arithmetic average;

S = sample standard deviation;

K = tolerance factor from USEPA (1992, Section 4.1); and

$t_{n-1,\beta-1}$ = $(1-\beta)^{th}$ upper percentile of the t distribution with n-1 degrees of freedom.

β = probability of a Type II error (false negative)

If the P_{ND} was between 0.15 and 0.50, either Cohen's or Aitchison's adjustment to the mean was used, depending on the higher correlation from the censored and detects-only probability plots (USEPA, 1989b, Section 8.1.3; USEPA 1992, Section 2.2.2). If the correlation coefficient from the censored probability plot was higher than the correlation coefficient from the detects-only probability plot, then Cohen's adjustment was used. If the correlation coefficient from the detects-only probability plot was higher than the correlation coefficient from the censored probability plot, then Aitchison's adjustment was used. Example calculations for all combinations encountered in these UTL analyses (i.e., normal distribution/Aitchison's adjustment, lognormal distribution/Aitchison's adjustment, lognormal distribution/Cohen's adjustment, normal distribution/no adjustment, and lognormal distribution/no adjustment) are provided in Appendix H of this report. Calculation methodologies for Aitchison's and Cohen's adjustments are provided below.

The underlying assumptions for Aitchison's and Cohen's adjustments are different. Cohen's adjustment assumes that the detects and non-detects in a data set come from the same normal or lognormal population. This implies that the analyte in question is present in the samples reported as non-detects, but at concentrations below the sensitivity of the analytical equipment. Aitchison's

adjustment assumes that the samples reported as non-detects are free of the analyte in question and thus non-detects may be treated as zero concentrations.

Many inorganics are reported at low levels very near the detection limit, suggesting that a significant number of the non-detects actually contain concentrations of the analyte that are just below the detection limit. Based on this, one might intuitively conclude that, as a rule, Cohen's adjustment is more appropriate for inorganic constituents. USEPA's 1992 guidance permits such qualitative evaluations of the data sets to be used when selecting either of the adjustments; however, for this document the selection of the adjustment method was made based solely on the results of the probability plots.

<u>Aitchison's Adjustment</u>

Aitchison's adjustment was performed when the P_{ND} was between 0.15 and 0.50 and when the correlation of the detects-only probability plot was greater than the correlation of the censored probability plot (USEPA, 1992, Section 2.2.1). The detects-only probability plot was constructed by plotting the detected analyte concentrations versus the normal quantile of the detected concentrations. The normal quantiles were found by applying the inverse standard normal transformation. The underlying distribution of the data used to create these plots was either normal or lognormal. If the data were neither normal nor lognormal, a nonparametric UTL was calculated (see Section 4.2.2.1). The following equations were used in calculating the UTLs with Aitchison's adjustment:

$$\hat{\mu} = \left(1 - \frac{d}{n}\right) \bar{x}^*$$

$$\hat{\sigma} = \sqrt{\frac{n-(d+1)}{n-1} (S^*)^2 + \frac{d}{n}\left(\frac{n-d}{n-1}\right)(\bar{x}^*)^2}$$

$$UTL_{95} = \hat{\mu} + K\,\hat{\sigma}$$

where μ = Estimation of adjusted overall mean for detected values;
d = number of nondetects;
n = total number of samples (detects and nondetects combined);
$\bar{x}^*$ = sample arithmetic mean of the detected values;
σ = Estimation of adjusted overall standard deviation for detected values;

$(S^*)^2$ = sample variance of the detected values (USEPA, 1992, Section 2.2.2); and
K = tolerance factor from USEPA, 1992, Section 4.1.

The K values generated from the above formula provide, on average, 95% coverage of the population.

<u>Cohen's Adjustment</u>

Cohen's adjustment was performed when P_{ND} is between 0.15 and 0.50 and when the correlation of the censored probability plot was greater than the correlation of the detects-only plot (USEPA, 1992, Section 2.2.1). The censored probability plot was constructed by plotting the detected analyte concentrations versus the normal quantiles of the detected and nondetected concentrations. The normal quantiles were found by applying the inverse standard normal transformation. The underlying distribution of the data used to create these plots was either normal or lognormal. If the data were neither normal nor lognormal, a nonparametric UTL was calculated (see Section 4.2.2.1). The following equations were used in calculating the UTLs with Cohen's adjustment (USEPA, 1989b, Section 8.1.3):

$$\bar{x}_d = \frac{1}{m} \sum_{i=1}^{m} x_i$$

$$\gamma = \frac{S_d^2}{(\bar{x} - DL)^2}$$

$$\bar{x} = \bar{x}_d - \hat{\lambda}\,(\bar{x}_d - DL)$$

$$S = \sqrt{S_d^2 + \hat{\lambda}(\bar{x}_d - DL)^2}$$

$$h = \frac{n-m}{n}$$

$$UTL_{95} = \bar{x} + KS$$

$$S_d^2 = \frac{\sum_{i=1}^{m} (x_i - \bar{x})^2}{m-1} = \frac{\sum_{i=1}^{m} x_i^2 - \frac{1}{m} (\sum_{i=1}^{m} x_i)^2}{m-1}$$

where x_d = sample mean of data above the detection limit;
S_d^2 = sample variance of data above the detection limit;
m = number of data points above the detection limit;
Υ =
λ =
h =
x_i = value of the ith constituent above the detection limit;
n = total number of data points;
DL = detection limit; and
K = tolerance factor from USEPA 1992, Section 4.1.

4.3 Soils

The UTLs calculated for inorganic constituents in soil are presented in Table 4-5. The UTLs are presented by depth for each inorganic constituent. The UTLs for organic constituents in soil are presented in Table 4-6. The distributional assumptions, appropriate statistical adjustments (i.e., Aitchison's or Cohens's adjustment), and other calculated statistical parameters for each analyte are also summarized in the tables.

4.4 Ground Water

The UTLs calculated for inorganic and organic constituents in unfiltered groundwater are presented in Tables 4-7 and 4-8, respectively. The distributional assumptions, appropriate statistical adjustments (i.e., Aitchison's or Cohens's adjustment) and other calculated statistical parameters for each analyte are also summarized in the tables.

Table 4-5. Upper Tolerance Limits for Inorganic Constituents in Background Soils (UG/G-Dry)

Analyte	Depth ft-bgs	Number of Nondetects	Number of Detects	Total Number	Number After Averaging Duplicates	Distribution	Adjustment	Upper 95% Tolerance Limit
ALUMINUM	0-1'	0	10	10	10	Lognormal	None	14413
ALUMINUM	>1'	0	22	22	18	Lognormal	None	12415
ANTIMONY	0-1'	9	1	10	10	Poisson	None	7.00
ARSENIC	0-1'	0	10	10	10	Lognormal	None	8.96
ARSENIC	>1'	0	22	22	18	Normal	None	7.85
BARIUM	0-1'	2	8	10	10	Lognormal	Aitchison's	1231
BARIUM	>1'	19	3	22	18	Nonparametric	None	69.5
BERYLLIUM	0-1'	2	8	10	10	Normal	Cohen's	1.65
BERYLLIUM	>1'	15	7	22	18	Nonparametric	None	1.11
CADMIUM	0-1'	7	3	10	10	Nonparametric	None	1.00
CADMIUM	>1'	21	1	22	18	Poisson	None	2.50
CALCIUM	0-1'	0	10	10	10	Lognormal	None	160509
CALCIUM	>1'	0	22	22	18	Nonparametric	None	73900
CHROMIUM	0-1'	0	10	10	10	Lognormal	None	22.5
CHROMIUM	>1'	0	22	22	18	Normal	None	20.0
COBALT	0-1'	0	10	10	10	Lognormal	None	19.3
COBALT	>1'	0	22	22	18	Lognormal	None	16.3
COPPER	0-1'	0	10	10	10	Lognormal	None	25.7
COPPER	>1'	0	22	22	18	Lognormal	None	24.5
IRON	0-1'	0	10	10	10	Lognormal	None	30839
IRON	>1'	0	22	22	18	Lognormal	None	21229
LEAD	0-1'	0	10	10	10	Lognormal	None	56.7
LEAD	>1'	0	22	22	18	Lognormal	None	14.1
MAGNESIUM	0-1'	0	10	10	10	Nonparametric	None	38000
MAGNESIUM	>1'	0	22	22	18	Nonparametric	None	41900
MANGANESE	0-1'	0	10	10	10	Lognormal	None	3490
MANGANESE	>1'	0	22	22	18	Nonparametric	None	896
MERCURY	0-1'	9	1	10	10	Poisson	None	1.50
NICKEL	0-1'	0	10	10	10	Lognormal	None	37.5
NICKEL	>1'	0	22	22	18	Nonparametric	None	37.6
POTASSIUM	0-1'	0	10	10	10	Lognormal	None	2072
POTASSIUM	>1'	0	22	22	18	Lognormal	None	2707
SELENIUM	0-1'	9	1	10	10	Poisson	None	1.50
SODIUM	0-1'	0	10	10	10	Nonparametric	None	1300
SODIUM	>1'	0	22	22	18	Nonparametric	None	939
THALLIUM	0-1'	5	5	10	10	Nonparametric	None	0.57
THALLIUM	>1'	0	22	22	18	Lognormal	None	1.04
VANADIUM	0-1'	0	10	10	10	Lognormal	None	40.7
VANADIUM	>1'	0	22	22	18	Lognormal	None	25.9
ZINC	0-1'	0	10	10	10	Lognormal	None	109
ZINC	>1'	0	22	22	18	Nonparametric	None	172

Not Analytes listed in the table had one or more values detected above the analytical detection limit.

ft-bgs = feet below ground surface.
UG/G-Dry = micrograms per gram-dry.

ESE, 1996.

Table 4-6. Upper Tolerance Limits for Organic Constituents in Background Soils (UG/G-Dry)

Analyte	Number of Nondetects	Number of Detects	Total Number	Number After Averaging Duplicates	Distribution	Adjustment	Upper 95% Tolerance Limit
SVOC							
BENZO(A)ANTHRACENE	6	4	10	10	Nonparametric	None	0.33
BENZO(A)PYRENE	6	4	10	10	Nonparametric	None	0.32
BENZO(B)FLUORANTHENE	6	4	10	10	Nonparametric	None	0.30
BENZO(K)FLUORANTHENE	6	4	10	10	Nonparametric	None	0.33
CHRYSENE	6	4	10	10	Nonparametric	None	0.39
FLUORANTHENE	6	4	10	10	Nonparametric	None	0.76
INDENO(1,2,3-CD) PYRENE	6	4	10	10	Nonparametric	None	0.24
PHENANTHRENE	6	4	10	10	Nonparametric	None	0.42
PYRENE	6	4	10	10	Nonparametric	None	0.62
PESTICIDES/HERBICIDES							
Non-Golf Course Related							
DDE,PP'	7	5	12	11	Nonparametric	None	0.035
DDT,PP'	8	4	12	11	Nonparametric	None	0.022
METHOXYCHLOR	9	3	12	11	Nonparametric	None	0.006
Golf Course Related							
DDE,PP'	6	2	8	8	Nonparametric	None	7.80

Note: Analytes listed in the table had two or more values detected above the analytical detection limit.

UG/G-Dry = micrograms per gram-dry.

ESE, 1996.

Table 4-7. Upper Tolerance Limits for Inorganic Constituents in Background Groundwater (UG/L)

Analyte	Number of Nondetects	Number of Detects	Total Number	Number After Averaging Duplicates	Distribution	Adjustment	Upper 95% Tolerance Limit
ALUMINUM,TOTAL	0	7	7	7	Lognormal	None	5986
ARSENIC,TOTAL	5	2	7	7	Nonparametric	None	4.60
BARIUM,TOTAL	0	7	7	7	Lognormal	None	65.3
BORON,TOTAL	2	5	7	7	Normal	Aitchison's	997
CALCIUM,TOTAL	0	7	7	7	Lognormal	None	137201
CHLORIDE	0	7	7	7	Lognormal	None	21936
COPPER,TOTAL	4	3	7	7	Nonparametric	None	6.39
FLUORIDE	2	5	7	7	Nonparametric	None	810
IRON,TOTAL	0	7	7	7	Lognormal	None	7340
LEAD,TOTAL	2	5	7	7	Lognormal	Aitchison's	7.19
MAGNESIUM,TOTAL	0	7	7	7	Lognormal	None	199915
MANGANESE,TOTAL	0	7	7	7	Lognormal	None	270
NITROGEN,NO2+NO3	0	7	7	7	Lognormal	None	4889
POTASSIUM,TOTAL	0	7	7	7	Lognormal	None	9203
SODIUM,TOTAL	0	7	7	7	Lognormal	None	91639
SULFATE	0	7	7	7	Lognormal	None	1013247

Note: Analytes listed in the table had one or more values detected above the analytical detection limit. BGMW02DUP and Phase 2 BGMW01 samples were eliminated as outliers.

UG/L = micrograms per liter.

ESE, 1996.

Table 4-8. Upper Tolerance Limits for Organic Constituents in Background Groundwater (UG/L)

Analyte	Number of Nondetects	Number of Detects	Total Number	Number After Averaging Duplicates	Distribution	Adjustment	Upper 95% Tolerance Limit
ANTHRACENE	12	2	14	14	Nonparametric	None	0.813

Note: Analytes listed in the table had two or more values detected above the analytical detection limit. BGMW02DUP and Phase 2 BGMW01 samples were eliminated as outliers.

UG/L = micrograms per liter.

ESE, 1996.

5.0 Conclusion

In general, the background sampling locations for soil and groundwater appear to have been unaffected by Fort Sheridan mission activities. Sediment and surface water analytical data collected through the implementation of the BSAP have been presented herein. However, the data are only presented and not further evaluated statistically, since a comparative analysis of study area data to background sediment and surface water UTLs will not be conducted as part of the risk-based screening in the Technical Memorandum. Therefore, UTLs were only calculated for background soil and unfiltered groundwater. An evaluation of inorganic constituents in background soil indicated that subsetting the data by depth into surface soil and subsurface soil is appropriate and statistically supported. With respect to the outlier analysis, only two groundwater samples were eliminated from the UTL calculations, BGMW02DUP and Round 2 BGMW01.

The dataset compiled during the background sampling is complete and extensive enough to establish a statistically defensible background database. The background database permitted the calculation of UTLs at acceptable confidence levels for constituents detected in the background at Fort Sheridan. The database is also adequate to establish which constituents are likely to be detected in the background at Fort Sheridan. Consequently, the background screening levels for constituents that UTLs were not calculated for are set at their respective method detection limits. The background screening levels for the Fort Sheridan study area constituents are summarized in Table 5-1.

Table 5-1. Summary of Background Screening Levels

CONSTITUENT	Soil* 0-1 ft-bgs	Soil* >1 ft-bgs	Ground Water*+
VOCs			
ACETONE	DL	DL	DL
BENZENE	DL	DL	DL
BROMODICHLOROMETHANE	DL	DL	DL
BROMOFORM	DL	DL	DL
BROMOMETHANE	DL	DL	DL
CARBON DISULFIDE	DL	DL	DL
CARBON TETRACHLORIDE	DL	DL	DL
CHLOROBENZENE	DL	DL	DL
CHLORETHANE	DL	DL	DL
2-CHLOROETHYLVINYLETHER	DL	DL	DL
CHLOROFORM	DL	DL	DL
CHLOROMETHANE	DL	DL	DL
DIBROMOCHLOROMETHANE	DL	DL	DL
1,1 DICHOLOROETHANE	DL	DL	DL
1,2 DICHOLOROETHANE	DL	DL	DL
1,1 DICHLOROETHYLENE	DL	DL	DL
1,2 DICHLOROETHENE (TOTAL)	DL	DL	DL
1,2 DICHLOROPROPANE	DL	DL	DL
CIS-1,3-DICHLOROPROPENE	DL	DL	DL
TRANS-1,3-DICHLOROPROPENE	DL	DL	DL
ETHYLBENZENE	DL	DL	DL
2-HEXANONE	DL	DL	DL
METHYL ETHYL KETONE	DL	DL	DL
MIBK	DL	DL	DL
METHYLENE CHLORIDE	DL	DL	DL
STYRENE	DL	DL	DL
1,1,2,2-TETRACHLOROETHANE	DL	DL	DL
TETRACHLOROETHENE	DL	DL	DL
TOLUENE	DL	DL	DL
1,1,1-TRICHL'ETHANE	DL	DL	DL
1,1,2-TRICHL'ETHANE	DL	DL	DL
TRICHLOROETHENE	DL	DL	DL
VINYL ACETATE	DL	DL	DL
VINYL CHLORIDE	DL	DL	DL
XYLENE, TOTAL	DL	DL	DL
SVOCs			
ACENAPHTHENE	DL	DL	DL
ACENAPHTHYLENE	DL	DL	DL
ANTHRACENE	DL	DL	0.813
BENZO(A)ANTHRACENE	0.33	DL	DL
BENZO(B)FLUORANTHENE	0.30	DL	DL
BENZO(K)FLUORANTHENE	0.33	DL	DL
BENZO(A)PYRENE	0.32	DL	DL
BENZO(GHI)PERYLENE	DL	DL	DL

Table 5-1. Summary of Background Screening Levels

CONSTITUENT	Soil* 0-1 ft-bgs	Soil* >1 ft-bgs	Ground Water*+
SVOCs (Continued)			
BENZOIC ACID	DL	DL	DL
BENZYL ALCOHOL	DL	DL	DL
BIS(2-CHLOROETHYL) ETHER	DL	DL	DL
BIS(2-CHLOROETHOXY) METHANE	DL	DL	DL
BIS(2-ETHYLHEXYL) PHTHALATE	DL	DL	DL
2,2'-OXYBIS(1-CHLOROPROPANE)	DL	DL	DL
4-BROMOPHENYL PHENYL ETHER	DL	DL	DL
BUTHYLBENZYLPHTHALATE	DL	DL	DL
CARBAZOLE, SOIL	DL	DL	DL
4-CHLOROANILINE	DL	DL	DL
4-CHLORO-3-METHYLPHENOL	DL	DL	DL
2-CHLORONAPHTHALENE	DL	DL	DL
2-CHLOROPHENOL	DL	DL	DL
4-CHLOROPHENYLPHENYL ETHER	DL	DL	DL
CHRYSENE	0.39	DL	DL
DIBEN(A,H) ANTH'CENE	DL	DL	DL
DIBENZOFURAN	DL	DL	DL
1,3-DICHLOROBENZENE	DL	DL	DL
1,2-DICHLOROBENZENE	DL	DL	DL
1,4-DICHLOROBENZENE	DL	DL	DL
3,3-DICHL'BENZIDINE	DL	DL	DL
2,4-DICHLOROPHENOL	DL	DL	DL
DIETHYL PHTHALATE	DL	DL	DL
2,4-DIMETHYLPHENOL	DL	DL	DL
DIMETHYL PHTHALATE	DL	DL	DL
DI-N-BUTYL PHTHALATE	DL	DL	DL
DI-N-OCTYL PHTHALATE	DL	DL	DL
2,4-DINITROPHENOL	DL	DL	DL
2,4-DINITROTOLUENE	DL	DL	DL
2,6-DINITROTOLUENE	DL	DL	DL
FLUORANTHENE	0.76	DL	DL
FLUORENE	DL	DL	DL
HEXACHLOROBENZENE	DL	DL	DL
HEXACHLOROBUTADIENE	DL	DL	DL
HEXACHLOROCYCLOPENTADIENE	DL	DL	DL
HEXACHLOROETHANE	DL	DL	DL
INDENO(1,2,3-CD) PYRENE	0.24	DL	DL
ISOPHORONE	DL	DL	DL
2-METHYLNAPHTHALENE	DL	DL	DL
2-METHYL-4,6-DINITROPHENOL	DL	DL	DL
2-METHYLPHENOL	DL	DL	DL
4-METHYLPHENOL	DL	DL	DL
NAPHTHALENE	DL	DL	DL

Table 5-1. Summary of Background Screening Levels

CONSTITUENT	Soil* 0-1 ft-bgs	Soil* >1 ft-bgs	Ground Water*+
SVOCs (Continued)			
2-NITROANILINE	DL	DL	DL
3-NITROANILINE	DL	DL	DL
4-NITROANILINE	DL	DL	DL
NITROBENZENE	DL	DL	DL
2-NITROPHENOL	DL	DL	DL
4-NITROPHENOL	DL	DL	DL
N-NITROSODI-N-PROPYLAMINE	DL	DL	DL
N-NITROSODIPHE'AMINE	DL	DL	DL
PENTACHLOROPHENOL	DL	DL	DL
PHENANTHRENE	0.42	DL	DL
PHENOL	DL	DL	DL
PYRENE	0.62	DL	DL
1,2,4-TRICH'BENZENE	DL	DL	DL
2,4,5-TRICH'PHENOL	DL	DL	DL
2,4,6-TRICH'PHENOL	DL	DL	DL
Pesticides/Herbicides			
2,4-D	DL	DL	DL
2,4-DB	DL	DL	DL
2,4,5-T	DL	DL	DL
2,4,5-TP/SILVEX	DL	DL	DL
DALAPON	DL	DL	DL
DICAMBA (BANVEL)	DL	DL	DL
DICHLORPROP	DL	DL	DL
DINOSEB	DL	DL	DL
MCPA	DL	DL	DL
MCPP	DL	DL	DL
ALDRIN	DL	DL	DL
BHC, A	DL	DL	DL
BHC, B	DL	DL	DL
BHC, D	DL	DL	DL
BHC, G (LINDANE)	DL	DL	DL
APHA-CHLORDANE	DL	DL	DL
GAMMA-CHLORDANE	DL	DL	DL
CHLORDANE	DL	DL	DL
DDD,PP'	DL	DL	DL
DDE, PP'(NGCR)	0.035	DL	DL
DDE,PP'(GCR)	7.80	DL	DL
DDT, PP'(NGCR)	0.022	DL	DL
DIELDRIN	DL	DL	DL
ENDOSULFAN, A	DL	DL	DL
ENDOSULFAN, B	DL	DL	DL
ENDOSULFAN SULFATE	DL	DL	DL
ENDRIN	DL	DL	DL
ENDRIN ALDEHYDE	DL	DL	DL
HEPTACHLOR	DL	DL	DL

Table 5-1. Summary of Background Screening Levels

CONSTITUENT	Soil* 0-1 ft-bgs	Soil* >1 ft-bgs	Ground Water*+
Pesticides/Herbicides (Continued)			
HEPTACHLOR EPOXIDE	DL	DL	DL
METHOXYCHLOR(NGCR)	0.006	DL	DL
TOXAPHENE	DL	DL	DL
ENDRIN KETONE	DL	DL	DL
PCBs			
PCB-1016	DL	DL	DL
PCB-1221	DL	DL	DL
PCB-1232	DL	DL	DL
PCB-1242	DL	DL	DL
PCB-1248	DL	DL	DL
PCB-1254	DL	DL	DL
PCB-1260	DL	DL	DL
Nitroaromatics			
2,AMINO-4,6-DINIT-TOLUENE	DL	DL	DL
4-AMINO-2,6-DINITROTOLUENE	DL	DL	DL
1,3-DINITROBENZENE	DL	DL	DL
2,4-DINITROTOLUENE	DL	DL	DL
2,6-DINITROTOLUENE	DL	DL	DL
HMX	DL	DL	DL
NITROBENZENE	DL	DL	DL
2-NITROTOLUENE	DL	DL	DL
3-NITROTOLUENE	DL	DL	DL
4-NITROTOLUENE	DL	DL	DL
RDX	DL	DL	DL
TETRYL	DL	DL	DL
1,3,5-TRINITROBENZENE	DL	DL	DL
2,4,6-TRINITROBENZENE	DL	DL	DL
Inorganics			
ALUMINUM	14413	12415	5986
ANTIMONY	7.00	DL	DL
ARSENIC	8.96	7.85	4.60
BARIUM	1231	69.5	65.3
BERYLLIUM	1.65	1.11	DL
BORON	NA	NA	997
CADMIUM	1.00	2.50	DL
CALCIUM	160509	73900	137201
CHLORIDE	NA	NA	21936
CHROMIUM	22.5	20.0	DL
COBALT	19.3	16.3	DL
COPPER	25.7	24.5	6.39
CYANIDE	DL	DL	DL
FLUORIDE	NA	NA	810
IRON	30839	21229	7340
LEAD	56.7	14.1	7.19

Table 5-1. Summary of Background Screening Levels

CONSTITUENT	Soil* 0-1 ft-bgs	Soil* >1 ft-bgs	Ground Water*+
<u>Inorganics</u>			
MAGNESIUM	38000	41900	199915
MANGANESE	3490	896	270
MERCURY	1.50	DL	DL
NICKEL	37.0	37.3	DL
NITROGEN, NO2 + NO3	NA	NA	4889
POTASSIUM	2072	2707	9203
SELENIUM	1.50	DL	DL
SILVER	DL	DL	DL
SODIUM	1300	939	91639
SULFATE	NA	NA	1013247
THALLIUM	0.570	1.04	DL
VANADIUM	40.7	25.9	DL
ZINC	109	172	DL

Note: * Units are UG/G-Dry for soil and UG/L for water
DL = Detection Limit , NA = Not Analyzed
+ UTLs for groundwater were calculated using unfiltered groundwater data.
(NGCR) = Non Golf Course Related
(GCR) = Golf Course Related

ESE, 1996

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Appendix A

Background Soil Boring Logs/ Monitoring Well Construction Diagrams

Log of Well BGS-1X/BGMW01

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	Drilling Method: *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	Borehole Diameter (in.): *8*
Date Started: *08/29/95* Date Completed: *08/29/95*	Total Depth Drilled (ft.): *30.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *22.0*	Ground Elevation (ft.): *667.18*

Completion Information

Screened Interval (ft. bgl): *20.0-29.5*	Filter Pack Interval (ft. bgl): *18-30*
Screen Length (ft.): *9.5*	Filter Pack Type: *sand*
Bottom Cap Length (ft.): *.5*	Upper Seal Interval (ft. bgl): *NA*
Screen Type: *PVC wound*	Upper Seal Type: *NA*
Screen Slot Size/Dia. (in.): *0.01/4*	Lower Seal Interval (ft. bgl): *13-18*
Total Casing (ft.): *20.0*	Lower Seal Type: *Hydrated Granular Bentonite*
Casing Type/Dia. (in.): *PVC/4*	Grout Interval (ft. bgl): *1-13*
Top of Casing Elevation (ft.): *669.18*	Grout Type: *20:1 Cement:Bentonite*
Survey Datum: *NGVD*	Protective Casing Type: *Stickup*

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Well BGS-1X/BGMW01

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
0					**Clay Loam**				667.1
	SI								
2		100	ND						665.1
4									663.1
6					**Clay** little silt, trace fine to medium grained sand, brown-grey, mottled, 10YR4/4, hard, low plasticity, some fractures, damp	CL			661.1
	SI								
8		100	ND						659.1
10									657.1
12		100	ND						655.1
	SI					CL			
14					**Clay** little silt, trace fine to medium grained sand, grey, 10YR5/1, stiff, low to medium plasticity, moist				653.1
		100							
16									651.1

Well Construction: 2'; concrete; 20:1 cement:bentonite; hydrated bentonite; 4" ID PVC casing

Environmental Science & Engineering, Inc.

Fort Sheridan

Log of Well BGS-1X/BGMW01

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
16									651.1
			ND			CL		hydrated bentonite; 4" ID PVC casing	
18		100							649.1
	SI				**Sand** fine to medium grained, some silt and clay, grey, 10YR5/1, nonplastic, moist	SC			
20									647.1
					Clay little silt, trace sand, grey, 10YR5/1, stiff, low to medium plasticity, moist	CL			
					Sand fine to medium grained, some silt and clay, grey, 10YR5/1, nonplastic, moist	SC			
						CL			
22					**Clay** little silt, trace sand, grey, 10YR5/1, stiff, low to medium plasticity, moist	SC			645.1
		60	ND		**Sand** fine to medium grained, some silt and clay, grey, 10YR5/1, nonplastic, saturated				
					Clay little silt, trace sand, grey, 10YR5/1, stiff, low to medium plasticity, moist	CL		sand pack; 4" ID PVC wound screen	
24									643.1
					Sand fine to medium grained, some silt and clay, grey, 10YR5/1, nonplastic, moist to saturated	SC			
26									641.1
		0	NA		**Clay** little silt, trace sand, grey, 10YR5/1, stiff, low to medium plasticity, moist	CL			
28									639.1
30								4" well cap	637.1
					End of Boring				
32									635.1

Environmental Science & Engineering, Inc.

Log of Boring BGS-2X

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	**Drilling Method:** *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	**Borehole Diameter (in.):** *8*
Date Started: *08/31/95* **Date Completed:** *08/31/95*	**Total Depth Drilled (ft.):** *25.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *12.0*	**Ground Elevation (ft.):** *642.78*

Completion Information

Grout Interval (ft. bgl): 0-25	**Grout Type:** Hydrated Granular Bentonite

NO WELL INSTALLED

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Boring BGS-2X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
0	SI	80	ND		**Clay Loam**			hydrated bentonite	642.7
2					**Sand** some silt and clay, few pebbles, brown, mottled, 7.5YR3/2 grading to 7.5YR5/4 at 2.5 feet, roots and wormholes, dry	SC			640.7
4									638.7
6	SI	100	ND		**Clay** some silt and sand, few pebbles, brown, mottled, 7.5YR5/3, medium stiff, low plasticity, damp	ML/CL			636.7
8					**Clay** some silt, few subangular pebbles, brown-grey, 7.5YR5/2 to 7.5YR7/1, soft, medium to high plasticity, few fractures, damp	CL/CH			634.7
10	SI	100	ND						632.7
12					**Clay** some silt, few pebbles, grey, 7.5YR4/1, soft, medium to high plasticity, saturated	CL/CH			630.7
14		100							628.7
16									626.7

Fort Sheridan

Log of Boring BGS-2X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
16									626.7
			ND						
18		100							624.7
20					**Clay** some silt, few pebbles, grey, 7.5YR4/1, soft, medium to high plasticity, saturated	CL/CH		hydrated bentonite	622.7
22		100	ND						620.7
24									618.7
					End of Boring				
26									616.7
28									614.7
30									612.7
32									610.7

Environmental Science & Engineering, Inc.

Log of Boring BGS-3X

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	**Drilling Method:** *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	**Borehole Diameter (in.):** *8*
Date Started: *09/01/95* **Date Completed:** *09/01/95*	**Total Depth Drilled (ft.):** *25.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *12.0*	**Ground Elevation (ft.):** *660.47*

Completion Information

Grout Interval (ft. bgl): 0-25	**Grout Type:** Hydrated Granular Bentonite

NO WELL INSTALLED

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Boring BGS-3X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
0					**Clay Loam**				660.4
	SI				**Clay** some silt and fine grained sand, dark brown, mottled, 10YR4/4, medium stiff, low plasticity, roots and wormholes, damp	CL			
2		90	ND						658.4
4					**Clay** some silt few coarse sand to fine gravel, brown-grey, mottled, 10YR6/4, stiff, low plasticity, some fractures, damp	CL			656.4
6									654.4
8	SI	100	ND		**Clay** some silt, few coarse sand, trace fine gravel, brown-grey, mottled, 10YR5/3, stiff, low plasticity, few fractures, damp	CL		*hydrated bentonite*	652.4
10									650.4
12	SI	100	ND						648.4
14					**Clay** some silt, few subangular pebbles, grey, 10YR5/1, stiff, low plasticity, highly fractured, dry to moist	CL			646.4
		100							
16									644.4

Environmental Science & Engineering, Inc.

Fort Sheridan

Log of Boring BGS-3X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
16									644.4
			ND		**Clay** some silt, few subangular pebbles, grey, 10YR5/1, stiff, low plasticity, highly fractured, dry to moist	CL			
18		100							642.4
20					**Clay** trace silt, few pebbles, grey, 10YR4/1, soft, medium to high plasticity, saturated	CL		hydrated bentonite	640.4
22		100	ND						638.4
24									636.4
					End of Boring				
26									634.4
28									632.4
30									630.4
32									628.4

Environmental Science & Engineering, Inc.

Log of Boring BGS-4X

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	**Drilling Method:** *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	**Borehole Diameter (in.):** *8*
Date Started: *08/30/95* **Date Completed:** *08/30/95*	**Total Depth Drilled (ft.):** *25.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *12.0*	**Ground Elevation (ft.):** *684.60*

Completion Information

Grout Interval (ft. bgl): 0-25	**Grout Type:** Hydrated Granular Bentonite

NO WELL INSTALLED

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Boring BGS-4X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
0	SI	100	ND		**Clay Loam**			hydrated bentonite	684.6
					Silty Clay few sand and gravel, brown, 10YR3/3, stiff, dry, root structure	CL			
2					**Clay** some silt, few pebbles, brown-grey, mottled, 10YR6/4, stiff, low plasticity, some fractures, wormholes to 2.5 feet, dry to moist	CL			682.6
4									680.6
6	SI	NA	ND		**Clay** some silt, few pebbles, brown-grey, mottled, 10YR5/4, stiff, low plasticity, some fractures, moist	CL			678.6
8									676.6
10									674.6
12	SI	100	ND		**Clay** some silt, few gravel, grey-brown, mottled, 10YR5/1, soft, low to medium plasticity, few fractures, saturated	CL			672.6
14									670.6
		100			**Clay** little silt, few gravel, grey, 10YR5/1, soft, medium to high plasticity, saturated	CL/CH			
16									668.6

Fort Sheridan

Log of Boring BGS-4X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
16									668.6
			ND						
18		100							666.6
					Clay little silt, few gravel, grey, 10YR5/1, soft, medium to high plasticity, saturated				
20						CL/CH			664.6
								hydrated bentonite	
22									662.6
		100	ND						
24									660.6
					End of Boring				
26									658.6
28									656.6
30									654.6
32									652.6

Environmental Science & Engineering, Inc.

Log of Boring BGS-5X

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	**Drilling Method:** *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	**Borehole Diameter (in.):** *8*
Date Started: *08/28/95* **Date Completed:** *08/28/95*	**Total Depth Drilled (ft.):** *25.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *8.5*	**Ground Elevation (ft.):** *664.64*

Completion Information

Grout Interval (ft. bgl): 0-25	**Grout Type:** Hydrated Granular Bentonite

NO WELL INSTALLED

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Boring BGS-5X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
0	SI	90	ND		**Clay** trace silt, trace fine sand, brown-grey, mottled, 10YR4/4, hard, low plasticity, damp	CL		hydrated bentonite	664.6
2									662.6
4									660.6
6	SI	100	ND						658.6
8					**Sand** fine grained, some silt and clay, brown, 10YR4/4, stiff, low plasticity, moist to saturated	SC			656.6
10					**Clay** trace silt, trace fine sand, brown-grey, mottled, 10YR4/4; hard, low plasticity, damp	CL			654.6
12	SI	100	ND						652.6
14					**Clay** trace fine to medium grained sand, trace gravel, grey, 10YR5/1, stiff, low to medium plasticity, few fractures, saturated	CL			650.6
16		100							648.6

Fort Sheridan

Log of Boring BGS-5X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
16									648.6
			ND						
18		100							646.6
20					**Clay** trace fine to medium grained sand, trace gravel, grey, 10YR5/1, stiff, low to medium plasticity, some fractures, saturated	CL		hydrated bentonite	644.6
22		100	ND						642.6
24									640.6
					End of Boring				
26									638.6
28									636.6
30									634.6
32									632.6

Log of Well BGS-6X/BGMW02

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	Drilling Method: *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	Borehole Diameter (in.): *8*
Date Started: *08/31/95* Date Completed: *08/31/95*	Total Depth Drilled (ft.): *35.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *22.0*	Ground Elevation (ft.): *640.47*

Completion Information

Screened Interval (ft. bgl): *23.5-33.0*	Filter Pack Interval (ft. bgl): *21.5-33.5*
Screen Length (ft.): *9.5*	Filter Pack Type: *sand*
Bottom Cap Length (ft.): *.5*	Upper Seal Interval (ft. bgl): *NA*
Screen Type: *PVC wound*	Upper Seal Type: *NA*
Screen Slot Size/Dia. (in.): *0.01/4*	Lower Seal Interval (ft. bgl): *16.5-21.5*
Total Casing (ft.): *23.5*	Lower Seal Type: *Hydrated Granular Bentonite*
Casing Type/Dia. (in.): *PVC/4*	Grout Interval (ft. bgl): *1-16.5*
Top of Casing Elevation (ft.): *642.07*	Grout Type: *20:1 Cement:Bentonite*
Survey Datum: *NGVD*	Protective Casing Type: *Stickup*

Explanation & Comments

BGMW02 was drilled in a location 4 feet west of soil boring BGS-6X.
BGS-6X was grouted with hydrated granular bentonite from 0-35 feet.
The boring BGMW02 was set in was drilled to 33.5 feet.

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Well BGS-6X/BGMW02

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
0					**Clay Loam**				640.4
	SI								
2		90	ND		**Sand** medium to coarse grained, some silt and clay, trace angular to subrounded pebbles, brown, 10YR5/6 grading to mottled 10YR4/4, at 4 feet, dry	SC		concrete	638.4
4									636.4
6	SI								634.4
8		100	ND					20:1 cement:bentonite	632.4
10					**Clay** little silt, few pebbles, yellow-brown to grey-brown, mottled, 10YR5/6 to 10YR6/2, stiff, low plasticity, damp	CL			630.4
12	SI	100	ND						628.4
14					**Clay** little silt, few pebbles, grey, 10YR4/1, soft, medium plasticity, moist	CL			626.4
		100							
16									624.4

Well Construction: 1.6'; 4" ID PVC casing

Fort Sheridan

Log of Well BGS-6X/BGMW02

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
16									624.4
			ND		**Clay** little silt, few pebbles, grey, 10YR4/1, soft, medium plasticity, moist (few silty partings from 21 to 22.5 feet)	CL		20:1 cement:bentonite; hydrated bentonite; 4" ID PVC casing	
18		100							622.4
20									620.4
22		NA	ND						618.4
24					**Silt** some fine grained sand, grey, 10YR4/1, stiff, nonplastic, moist to saturated	ML/SP			616.4
26		NA	ND		**Clay** little silt, few pebbles, grey, 10YR4/1, soft, medium plasticity, saturated	CL		sand pack; 4" ID PVC wound screen	614.4
28					**Sand** fine grained, poorly graded, grey, 10YR4/1, saturated	SP			612.4
30		NA			**Silt** some fine grained sand, grey, 10YR3/1, medium dense, saturated	ML/SP			610.4
32									608.4

Fort Sheridan

Log of Well BGS-6X/BGMW02

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
32		NA	ND		**Silt** some fine grained sand, grey, 10YR3/1, medium dense, saturated	ML/SP		sand pack; 4" well cap; TD PVC wound screen	608.4
34					**Clay** little silt, trace gravel, grey, 10YR3/1, medium stiff, medium plasticity, moist	CL			606.4
					End of Boring				
36									604.4
38									602.4
40									600.4
42									598.4
44									596.4
46									594.4
48									592.4

Log of Well BGS-7X/BGMW03

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	Drilling Method: *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	Borehole Diameter (in.): *8*
Date Started: *09/01/95* Date Completed: *09/01/95*	Total Depth Drilled (ft.): *25.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *14.0*	Ground Elevation (ft.): *663.63*

Completion Information

Screened Interval (ft. bgl): *15.0-24.5*	Filter Pack Interval (ft. bgl): *13-25*
Screen Length (ft.): *9.5*	Filter Pack Type: *sand*
Bottom Cap Length (ft.): *.5*	Upper Seal Interval (ft. bgl): *NA*
Screen Type: *PVC wound*	Upper Seal Type: *NA*
Screen Slot Size/Dia. (in.): *0.01/4*	Lower Seal Interval (ft. bgl): *8-13*
Total Casing (ft.): *15.0*	Lower Seal Type: *Hydrated Granular Bentonite*
Casing Type/Dia. (in.): *PVC/4*	Grout Interval (ft. bgl): *1-8*
Top of Casing Elevation (ft.): *666.13*	Grout Type: *20:1 Cement:Bentonite*
Survey Datum: *NGVD*	Protective Casing Type: *Stickup*

Explanation & Comments

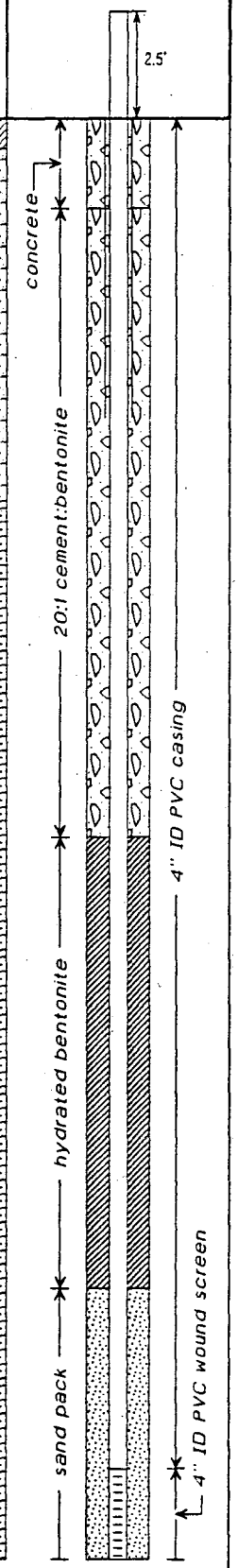
SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Well BGS-7X/BGMW03

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Elevation (ft.)
0					**Clay Loam**		663.6
2	SI	100	ND		**Clay** some silt and sand, dark brown, mottled, 10YR4/4 and 10YR2/1, medium stiff, low plasticity, damp	CL	661.6
4							659.6
6	SI	100	ND		**Clay** little silt, few subangular pebbles, brown, mottled, 10YR5/3, stiff, low to medium plasticity, damp	CL	657.6
8							655.6
10					**Clay** little silt, few subangular pebbles, grey, grades to 10YR5/1, stiff, low to medium plasticity, damp	CL	653.6
12	SI	100	ND		**Clay** little silt, few subangular pebbles, grey, grades to 10YR4/1, stiff, low to medium plasticity, moist	CL	651.6
14					**Clay** little silt, few coarse sand and pebbles, grey, 10YR4/1, medium stiff, medium plasticity, saturated	CL	649.6
16		NA					647.6

Well Construction



Fort Sheridan

Log of Well BGS-7X/BGMW03

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
16									647.6
			ND						
18		NA			**Clay** little silt, few coarse sand and pebbles, grey, 10YR4/1, medium stiff, medium plasticity, saturated	CL			645.6
20								sand pack; 4" ID PVC wound screen	643.6
					Sand coarse grained, with some clay and gravel, grey, 10YR4/1, saturated	SC			
22		NA	ND		**Clay** little silt, few coarse sand and pebbles, grey, 10YR4/1, medium stiff, medium plasticity, saturated	CL			641.6
24									639.6
					End of Boring			4" well cap	
26									637.6
28									635.6
30									633.6
32									631.6

Log of Well BGS-8X/BGMW04

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	Drilling Method: *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	Borehole Diameter (in.): *8*
Date Started: *08/30/95* Date Completed: *08/30/95*	Total Depth Drilled (ft.): *20.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *7.25*	Ground Elevation (ft.): *687.20*

Completion Information

Screened Interval (ft. bgl): *8.0-17.5*	Filter Pack Interval (ft. bgl): *8-20*
Screen Length (ft.): *9.5*	Filter Pack Type: *sand*
Bottom Cap Length (ft.): *.5*	Upper Seal Interval (ft. bgl): *NA*
Screen Type: *PVC wound*	Upper Seal Type: *NA*
Screen Slot Size/Dia. (in.): *0.01/4*	Lower Seal Interval (ft. bgl): *NA*
Total Casing (ft.): *8.0*	Lower Seal Type: *NA*
Casing Type/Dia. (in.): *PVC/4*	Grout Interval (ft. bgl): *1-6*
Top of Casing Elevation (ft.): *689.50*	Grout Type: *Hydrated Granular Bentonite*
Survey Datum: *NGVD*	Protective Casing Type: *Stickup*

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Well BGS-8X/BGMW04

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
0					**Clay Loam**				687.2
	SI				**Clay** some silt and fine grained sand, brown, 10YR5/4, mottled, medium stiff, low plasticity, some fractures, moist	CL		concrete	
2		75	ND						685.2
4	SI				**Sand** fine to coarse grained, some silt and clay, trace angular gravel, brown, 7.5YR4/4, nonplastic, moist to saturated	SC		hydrated bentonite; 4" ID PVC casing	683.2
6									681.2
		90	ND		**Sand** fine to coarse grained, some silt and clay, trace angular gravel, grey, 5YR5/2, nonplastic, saturated	SC			
8					**Clay** some silt, brown, 10YR5/4, stiff, low to medium plasticity, damp	CL			679.2
					Sand fine to medium grained, some silt and clay, grey, 10YR5/1, nonplastic, saturated	SC			
					Clay trace silt, brown-grey, 5YR4/1, mottled, increasing grey with depth, medium stiff, medium plasticity, some fractures, damp	CL			
10	SI							sand pack	677.2
12		100	ND		**Clay** trace silt, grey, 10YR4/1, soft, medium to high plasticity, saturated	CL/CH		4" ID PVC wound screen	675.2
14									673.2
		100							
16									671.2

Well Construction: 2.3'

Fort Sheridan

Log of Well BGS-8X/BGMW04

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Well Construction	Elevation (ft.)
16									671.2
18		100	ND		**Clay** trace silt, grey, 10YR4/1, soft, medium to high plasticity, saturated, 1" silty sandy partings encountered at 17.1 and 18.5 feet	CL/CH		sand pack; 4" well cap; 4" ID PVC wound screen	669.2
20					End of Boring				667.2
22									665.2
24									663.2
26									661.2
28									659.2
30									657.2
32									655.2

Log of Boring BGS-9X

Fort Sheridan
Fort Sheridan, IL
Project Number: 490-2087

Client: *USAEC*	
Drilling Company: *Environmental Science and Engineering, Inc*	
Drilling Rig: *Ingersoll-RAND A300*	**Drilling Method:** *4.25" I.D. HSA*
Soil Sampling Device: *4" O.D. Laskey Sampler with liners*	**Borehole Diameter (in.):** *8*
Date Started: *08/31/95* **Date Completed:** *08/31/95*	**Total Depth Drilled (ft.):** *20.0*
Apparent Depth to Saturation While Drilling (ft. bgl): *12.0*	**Ground Elevation (ft.):** *676.42*

Completion Information

Grout Interval (ft. bgl): 0-20	**Grout Type:** Hydrated Granular Bentonite

NO WELL INSTALLED

Explanation & Comments

SI = Sample Interval
ND = Not Detected
NA = Not Available

Fort Sheridan

Log of Boring BGS-9X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
0	SI	100	ND		**Clay Loam**			hydrated bentonite	676.4
2					**Clay** some sand, few angular cobbles, brown, mottled, 10YR3/4 to 10YR2/2, stiff, low plasticity, fractured, roots and wormholes, damp	CL			674.4
4					**Sand** well graded, some clay, yellow-brown, 10YR5/6, nonplastic, moist	SC			672.4
6	SI	100	ND		**Silt** poorly graded, few cobbles, brown, 10YR6/4, stiff, low plasticity, moist to saturated	ML			670.4
8									668.4
10					**Clay** grey, 10YR4/1, stiff, low plasticity, damp	CL			666.4
					Silt poorly graded, brown-yellow, 10YR5/8, stiff, low plasticity, dry to damp	ML			
12	SI	100	ND		**Silt** few subround-subangular gravel, grey, 10YR5/1, medium stiff, medium plasticity, alternating with very thin beds of clay, moist to saturated	ML/MH			664.4
14		100			**Clay** trace medium grained sand, few angular gravel, grey, 10YR4/1, soft, medium to high plasticity, saturated	CL/CH			662.4
16									660.4

Fort Sheridan

Log of Boring BGS-9X

Depth (feet bgl)	Blow Counts	Sample Recovery (%)	PID or FID (ppm) Values	PID or FID (ppm) Profile	Soil/Rock Description and Comments	USCS Classification	Lithologic Log	Borehole Completion	Elevation (ft.)
16									660.4
			ND		**Clay** trace medium grained sand, few angular gravel, grey, 10YR4/1, soft, medium to high plasticity, saturated	CL/CH		hydrated bentonite	
18		100							658.4
20					End of Boring				656.4
22									654.4
24									652.4
26									650.4
28									648.4
30									646.4
32									644.4

Appendix B

Rinse/Trip Blank Background Data

(Final Validated IRDMIS Data)

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES MGMA	SNBGW*12	TL	R	0.00	CSE	RNSW	RINSE	GTL1/W	22-SEP-95	LT	2.50	UGL				BEI
	SNBGW*13	TL	R	0.00	CSW	RNSW	RINSE	GTL1/W	22-SEP-95	LT	2.50	UGL				BEI
	SNBGW*14	TL	R	0.00	CSW	RNSW	RINSE	GTL1/W	22-SEP-95	LT	2.50	UGL				BEI
ES MHMA	SNBGW*12	AG	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*12	AL	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	40.00	UGL				BEI
	SNBGW*12	BA	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	25.00	UGL				BEI
	SNBGW*12	BE	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		I		BEI
	SNBGW*12	CA	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95		142.00	UGL				BEI
	SNBGW*12	CD	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		J		BEI
	SNBGW*12	CO	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
	SNBGW*12	CR	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
	SNBGW*12	CU	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*12	FE	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	45.00	UGL				BEI
	SNBGW*12	K	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	550.00	UGL				BEI
	SNBGW*12	MG	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
	SNBGW*12	MN	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*12	NA	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95		313.00	UGL		I		BEI
	SNBGW*12	NI	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	15.00	UGL				BEI
	SNBGW*12	SB	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
	SNBGW*12	V	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
	SNBGW*12	ZN	R	0.00	CSE	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
	SNBGW*13	AG	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*13	AL	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	40.00	UGL				BEI
	SNBGW*13	BA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	25.00	UGL				BEI
	SNBGW*13	BE	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		I		BEI
	SNBGW*13	CA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95		111.00	UGL				BEI
	SNBGW*13	CD	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		J		BEI
	SNBGW*13	CO	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
	SNBGW*13	CR	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	CU	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*13	FE	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	45.00	UGL				BEI
	SNBGW*13	K	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	550.00	UGL				BEI
	SNBGW*13	MG	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
	SNBGW*13	MN	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*13	NA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95		174.00	UGL		I		BEI
	SNBGW*13	NI	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	15.00	UGL				BEI
	SNBGW*13	SB	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
	SNBGW*13	V	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	ZN	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
	SNBGW*14	AG	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*14	AL	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95		49.20	UGL				BEI
	SNBGW*14	BA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	25.00	UGL				BEI
	SNBGW*14	BE	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		I		BEI
	SNBGW*14	CA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95		102.00	UGL				BEI
	SNBGW*14	CD	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL		J		BEI
	SNBGW*14	CO	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
	SNBGW*14	CR	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	CU	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
	SNBGW*14	FE	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	45.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Bool	Measurement Value	Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	MHMA	SNBGW*14	K	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	550.00	UGL				BEI
		SNBGW*14	MG	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
		SNBGW*14	MN	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	5.00	UGL				BEI
		SNBGW*14	NA	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95		155.00	UGL		I		BEI
		SNBGW*14	NI	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	15.00	UGL				BEI
		SNBGW*14	SB	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	50.00	UGL				BEI
		SNBGW*14	V	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	ZN	R	0.00	CSW	RNSW	RINSE	ICP1/W	19-SEP-95	LT	20.00	UGL				BEI
ES	NEUA	SNBGW*12	111TCE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	112TCE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	11DCE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	11DCLE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	12DCE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	12DCLE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	12DCLP	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2CLEVE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	ACET	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95		22.00	UGL				BEI
		SNBGW*12	BRDCLM	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	C13DCP	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	C2AVE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	C2H3CL	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	C2H5CL	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	C6H6	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CCL4	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CH2CL2	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	CH3BR	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CH3CL	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CHBR3	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CHCL3	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CLC6H5	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CS2	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	DBRCLM	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	ETC6H5	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	MEC6H5	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	MEK	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	MIBK	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	MNBK	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	STYR	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	T13DCP	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	TCLEA	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	TCLEE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	TRCLE	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	TXYLEN	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	UNK023	R	0.00	CSE	RNSW	RINSE	VMS2/W	05-SEP-95		10.00	UGL	S			BEI
		SNBGW*13	111TCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	112TCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	11DCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	11DCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	12DCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES NEUA	SNBGW*13	12DCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	12DCLP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2CLEVE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	ACET	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95		15.00	UGL				BEI
	SNBGW*13	BRDCLM	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	C13DCP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	C2AVE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	C2H3CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	C2H5CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	C6H6	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CCL4	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CH2CL2	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	CH3BR	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CH3CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CHBR3	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CHCL3	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CLC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	CS2	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	DBRCLM	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	ETC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	MEC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	MEK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	MIBK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	MNBK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	STYR	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	T13DCP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	TCLEA	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	TCLEE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	TRCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	TXYLEN	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	UNK023	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95		40.00	UGL	S			BEI
	SNBGW*14	111TCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	112TCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	11DCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	11DCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	12DCE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	12DCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	12DCLP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	2CLEVE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	ACET	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95		13.00	UGL				BEI
	SNBGW*14	BRDCLM	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	C13DCP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	C2AVE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	C2H3CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	C2H5CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	C6H6	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CCL4	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CH2CL2	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	CH3BR	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CH3CL	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CHBR3	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES NEUA	SNBGW*14	CHCL3	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CLC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	CS2	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	DBRCLM	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	ETC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	MEC6H5	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	MEK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	MIBK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	MNBK	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	STYR	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	T13DCP	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	TCLEA	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	TCLEE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	TRCLE	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*14	TXYLEN	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*14	UNK023	R	0.00	CSW	RNSW	RINSE	VMS2/W	05-SEP-95		40.00	UGL	S			BEI
ES PEUL	SNBGW*12	135TNB	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	13DNB	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	246TNT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	24DNT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.06	UGL				BEI
	SNBGW*12	26DNT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.07	UGL				BEI
	SNBGW*12	2A46DT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	2NT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*12	34DNT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95		5.81	UGL				BEI
	SNBGW*12	3NT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*12	4A26DT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	4NT	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*12	HMX	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*12	NB	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*12	RDX	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*12	TETRYL	R	0.00	CSE	RNSW	RINSE	EXL1/W	12-SEP-95	LT	1.00	UGL				BEI
	SNBGW*13	135TNB	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	13DNB	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	246TNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	24DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.06	UGL				BEI
	SNBGW*13	26DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.07	UGL				BEI
	SNBGW*13	2A46DT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	2NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*13	34DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95		5.92	UGL				BEI
	SNBGW*13	3NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*13	4A26DT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	4NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*13	HMX	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*13	NB	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.10	UGL				BEI
	SNBGW*13	RDX	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	0.20	UGL				BEI
	SNBGW*13	TETRYL	R	0.00	CSW	RNSW	RINSE	EXL1/W	12-SEP-95	LT	1.00	UGL				BEI
	SNBGW*14	135TNB	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI
	SNBGW*14	13DNB	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI
	SNBGW*14	246TNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
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Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	PEUL	SNBGW*14	24DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.06	UGL				BEI
		SNBGW*14	26DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.07	UGL				BEI
		SNBGW*14	2A46DT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	2NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	34DNT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95		5.89	UGL				BEI
		SNBGW*14	3NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	4A26DT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	4NT	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	HMX	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	NB	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	RDX	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	TETRYL	R	0.00	CSW	RNSW	RINSE	EXL1/W	13-SEP-95	LT	1.00	UGL				BEI
ES	PJCV	SNBGW*12	TPHC	R	0.00	CSE	RNSW	RINSE	9071/W	27-SEP-95	LT	175.00	UGL				BEI
		SNBGW*13	TPHC	R	0.00	CSW	RNSW	RINSE	9071/W	27-SEP-95	LT	166.00	UGL				BEI
		SNBGW*14	TPHC	R	0.00	CSW	RNSW	RINSE	9071/W	27-SEP-95	LT	169.00	UGL				BEI
ES	RIRA	SNBGW*12	245T	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*12	245TP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*12	24D	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*12	24DB	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*12	DALA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*12	DCAMBA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*12	DICP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*12	DINO	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*12	MCPA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI
		SNBGW*12	MCPP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI
		SNBGW*13	245T	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*13	245TP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*13	24D	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*13	24DB	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*13	DALA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*13	DCAMBA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*13	DICP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*13	DINO	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*13	MCPA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI
		SNBGW*13	MCPP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI
		SNBGW*14	245T	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*14	245TP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	24D	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*14	24DB	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	DALA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	DCAMBA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*14	DICP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL		M		BEI
		SNBGW*14	DINO	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	0.10	UGL				BEI
		SNBGW*14	MCPA	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI
		SNBGW*14	MCPP	R	0.00	CSW	RNSW	RINSE	HBG1/W	16-SEP-95	LT	3.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	SCVA	SNBGW*12	ABHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	ACLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	AENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	ALDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	BBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	BENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	CLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.03	UGL				BEI
		SNBGW*12	DBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	DLDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	ENDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	ENDRNA	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.02	UGL				BEI
		SNBGW*12	ENDRNK	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	ESFSO4	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	GCLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	HPCL	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	HPCLE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	LIN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	MEXCLR	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	PCB016	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB221	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB232	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB242	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB248	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB254	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PCB260	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*12	PPDDD	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	PPDDE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	PPDDT	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*12	TXPHEN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.60	UGL				BEI
		SNBGW*13	ABHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	ACLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	AENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	ALDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	BBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	BENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	CLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.03	UGL				BEI
		SNBGW*13	DBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	DLDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	ENDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	ENDRNA	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.02	UGL				BEI
		SNBGW*13	ENDRNK	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	ESFSO4	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	GCLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	HPCL	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	HPCLE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	LIN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	MEXCLR	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	PCB016	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	PCB221	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*13	PCB232	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*13	PCB242	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	Spike	Media Type	Site Type	ID	Meth/ Matrix	Analysis Date	Measurement Bool	Value	Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	SCVA	SNBGW*13	PCB248	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*13	PCB254	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*13	PCB260	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*13	PPDDD	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	PPDDE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	PPDDT	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*13	TXPHEN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.60	UGL				BEI
		SNBGW*14	ABHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	ACLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	AENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	ALDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	BBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	BENSLF	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	CLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.03	UGL				BEI
		SNBGW*14	DBHC	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	DLDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	ENDRN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	ENDRNA	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.02	UGL				BEI
		SNBGW*14	ENDRNK	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	ESFSO4	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	GCLDAN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	HPCL	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	HPCLE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	LIN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	MEXCLR	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	PCB016	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB221	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB232	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB242	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB248	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB254	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PCB260	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.13	UGL				BEI
		SNBGW*14	PPDDD	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	PPDDE	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	PPDDT	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.01	UGL				BEI
		SNBGW*14	TXPHEN	R	0.00	CSW	RNSW	RINSE	PST1/W	08-SEP-95	LT	0.60	UGL				BEI
ES	TFMA	SNBGW*12	SE	R	0.00	CSE	RNSW	RINSE	GSE1/W	20-SEP-95	LT	2.50	UGL				BEI
		SNBGW*13	SE	R	0.00	CSW	RNSW	RINSE	GSE1/W	20-SEP-95	LT	2.50	UGL				BEI
		SNBGW*14	SE	R	0.00	CSW	RNSW	RINSE	GSE1/W	20-SEP-95	LT	2.50	UGL				BEI
ES	UGLA	SNBGW*12	HG	R	0.00	CSE	RNSW	RINSE	HGC1/W	26-SEP-95	LT	0.20	UGL				BEI
		SNBGW*13	HG	R	0.00	CSW	RNSW	RINSE	HGC1/W	26-SEP-95	LT	0.20	UGL				BEI
		SNBGW*14	HG	R	0.00	CSW	RNSW	RINSE	HGC1/W	26-SEP-95	LT	0.20	UGL				BEI
ES	VFBB	SNBGW*12	124TCB	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	12DCLB	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	13DCLB	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Bool	Measurement Value	Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	VFBB	SNBGW*12	14DCLB	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	245TCP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	246TCP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	24DCLP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	24DMPN	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	24DNP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	30.00	UGL				BEI
		SNBGW*12	24DNT	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	26DNT	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2CLP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2CNAP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2MNAP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2MP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	2NANIL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	2NP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	33DCBD	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	3NANIL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	46DN2C	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*12	4BRPPE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	4CANIL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	4CL3C	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	4CLPPE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	4MP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	4NANIL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	4NP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*12	ANAPNE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	ANAPYL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	ANTRC	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	B2CEXM	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	B2CIPE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	B2CLEE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	B2EHP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95		8.30	UGL				BEI
		SNBGW*12	BAANTR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BAPYR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BBFANT	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BBZP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BENZOA	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*12	BGHIPY	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BKFANT	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	BZALC	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CARBAZ	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CHRY	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CL6BZ	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	CL6CP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*12	CL6ET	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DBAHA	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DBZFUR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DEP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DMP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DNBP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	DNOP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*12	FANT	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES VFBB	SNBGW*12	FLRENE	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	HCBD	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	ICDPYR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	ISOPHR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	NAP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	NB	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	NNDNPA	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	NNDPA	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	PCP	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
	SNBGW*12	PHANTR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*12	PHENOL	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95		38.00	UGL				BEI
	SNBGW*12	PYR	R	0.00	CSE	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	124TCB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	12DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	13DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	14DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	245TCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	246TCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	24DCLP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	24DMPN	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	24DNP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	30.00	UGL				BEI
	SNBGW*13	24DNT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	26DNT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2CLP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2CNAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2MNAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2MP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	2NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	2NP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	33DCBD	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	3NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	46DN2C	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
	SNBGW*13	4BRPPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	4CANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	4CL3C	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	4CLPPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	4MP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	4NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
	SNBGW*13	4NP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
	SNBGW*13	ANAPNE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	ANAPYL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	ANTRC	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	B2CEXM	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	B2CIPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	B2CLEE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	B2EHP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		2.80	UGL				BEI
	SNBGW*13	BAANTR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	BAPYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	BBFANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	BBZP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
	SNBGW*13	BENZOA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	VFBB	SNBGW*13	BGHIPY	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	BKFANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	BZALC	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	CARBAZ	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	CHRY	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	CL6BZ	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	CL6CP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*13	CL6ET	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DBAHA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DBZFUR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DEP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DMP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DNBP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	DNOP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	FANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	FLRENE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	HCBD	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	ICDPYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	ISOPHR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	NAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	NB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	NNDNPA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	NNDPA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	PCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*13	PHANTR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	PHENOL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		20.00	UGL				BEI
		SNBGW*13	PYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	UNK519	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		5.00	UGL	S			BEI
		SNBGW*13	UNK619	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		40.00	UGL	S			BEI
		SNBGW*14	124TCB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	12DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	13DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	14DCLB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	245TCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	246TCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	24DCLP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	24DMPN	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	24DNP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	30.00	UGL				BEI
		SNBGW*14	24DNT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	26DNT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	2CLP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	2CNAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	2MNAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	2MP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	2NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	2NP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	33DCBD	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	3NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	46DN2C	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*14	4BRPPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	4CANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	VFBB	SNBGW*14	4CL3C	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	4CLPPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	4MP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	4NANIL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	4NP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*14	ANAPNE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	ANAPYL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	ANTRC	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	B2CEXM	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	B2CIPE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	B2CLEE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	B2EHP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		2.20	UGL				BEI
		SNBGW*14	BAANTR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BAPYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BBFANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BBZP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BENZOA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	20.00	UGL				BEI
		SNBGW*14	BGHIPY	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BKFANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	BZALC	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	CARBAZ	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	CHRY	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	CL6BZ	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	CL6CP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	CL6ET	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DBAHA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DBZFUR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DEP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DMP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DNBP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	DNOP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	FANT	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	FLRENE	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	HCBD	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	ICDPYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	ISOPHR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	NAP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	NB	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	NNDNPA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	NNDPA	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	PCP	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	10.00	UGL				BEI
		SNBGW*14	PHANTR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	PHENOL	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		30.00	UGL				BEI
		SNBGW*14	PYR	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	UNK519	R	0.00	CSW	RNSW	RINSE	SMV1/W	22-SEP-95		0.50	UGL	S			BEI
ES	WAMA	SNBGW*12	AS	R	0.00	CSW	RNSW	RINSE	GAS1/W	19-SEP-95	LT	2.50	UGL				BEI
		SNBGW*13	AS	R	0.00	CSW	RNSW	RINSE	GAS1/W	19-SEP-95	LT	2.50	UGL				BEI
		SNBGW*14	AS	R	0.00	CSW	RNSW	RINSE	GAS1/W	19-SEP-95	LT	2.50	UGL				BEI

19-MAY-97 12:44:28

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	Spike	Media Type	Type	Site ID	Meth/ Matrix	Analysis Date	Bool	Measurement Value	Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	YAMA	SNBGW*12	PB	R	0.00	CSE	RNSW	RINSE	GPB1/W	21-SEP-95	LT	2.00	UGL				BEI
		SNBGW*13	PB	R	0.00	CSW	RNSW	RINSE	GPB1/W	21-SEP-95	LT	2.00	UGL				BEI
		SNBGW*14	PB	R	0.00	CSW	RNSW	RINSE	GPB1/W	21-SEP-95	LT	2.00	UGL				BEI

** End of Report - 543 Records Found **

19-MAY-97 12:42:01

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES NEUA	SNBGW*17	111TCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	112TCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	11DCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	11DCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	12DCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	12DCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	12DCLP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	2CLEVE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	ACET	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	BRDCLM	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	C13DCP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	C2AVE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	C2H3CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	C2H5CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	C6H6	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CCL4	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CH2CL2	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	CH3BR	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CH3CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CHBR3	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CHCL3	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CLC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	CS2	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	DBRCLM	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	ETC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	MEC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	MEK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	MIBK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	MNBK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*17	STYR	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	T13DCP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	TCLEA	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	TCLEE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	TRCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*17	TXYLEN	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*18	111TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	112TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	11DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	11DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	12DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	12DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	12DCLP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	2CLEVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*18	ACET	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*18	BRDCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	C13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	C2AVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*18	C2H3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	C2H5CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
	SNBGW*18	C6H6	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
	SNBGW*18	CCL4	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:42:01

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Bool	Measurement Value	Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	NEUA	SNBGW*18	CH2CL2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*18	CH3BR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	CH3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	CHBR3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	CHCL3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	CLC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	CS2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*18	DBRCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	ETC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	MEC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	MEK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*18	MIBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*18	MNBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*18	STYR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	T13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	TCLEA	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	TCLEE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	TRCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*18	TXYLEN	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	111TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	112TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	11DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	11DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	12DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	12DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	12DCLP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	2CLEVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	ACET	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	BRDCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	C13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	C2AVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	C2H3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	C2H5CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	C6H6	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CCL4	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CH2CL2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	CH3BR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CH3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CHBR3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CHCL3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CLC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	CS2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	DBRCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	ETC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	MEC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	MEK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	MIBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	MNBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*19	STYR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	T13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	TCLEA	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:42:01

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	NEUA	SNBGW*19	TCLEE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	TRCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*19	TXYLEN	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	111TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	112TCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	11DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	11DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	12DCE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	12DCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	12DCLP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	2CLEVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	ACET	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	BRDCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	C13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	C2AVE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	C2H3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	C2H5CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	C6H6	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CCL4	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CH2CL2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	CH3BR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CH3CL	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CHBR3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CHCL3	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CLC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	CS2	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	DBRCLM	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	ETC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	MEC6H5	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	MEK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	MIBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	MNBK	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*20	STYR	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	T13DCP	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	TCLEA	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	TCLEE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	TRCLE	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*20	TXYLEN	T	0.00	CSO	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	111TCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	112TCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	11DCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	11DCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	12DCE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	12DCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	12DCLP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	2CLEVE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	ACET	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	BRDCLM	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	C13DCP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	C2AVE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	C2H3CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI

19-MAY-97 12:42:01

Chemical Quality Control Report
Installation: Fort Sheridan, IL
Analysis Date Range: 05-SEP-95 to 27-SEP-95
Non-Detected Compounds are included

Lab	Lot	Field Sample #	Analyte	QC Type	QC Spike	Media Type	Site Type	Site ID	Meth/ Matrix	Analysis Date	Measurement Bool	Measurement Value	Measurement Unit	Flag Codes	Data Quals	EPA Data Quals	Prog
ES	NEUA	SNBGW*21	C2H5CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	C6H6	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CCL4	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CH2CL2	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	CH3BR	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CH3CL	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CHBR3	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CHCL3	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CLC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	CS2	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	DBRCLM	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	ETC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	MEC6H5	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	MEK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	MIBK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	MNBK	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI
		SNBGW*21	STYR	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	T13DCP	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	TCLEA	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	TCLEE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	TRCLE	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	2.00	UGL				BEI
		SNBGW*21	TXYLEN	T	0.00	CSW	TRIP	TRIP	VMS2/W	05-SEP-95	LT	10.00	UGL				BEI

** End of Report - 175 Records Found **

Appendix C

Final Data Validation Report Summary

Final Data Validation Report # 1

Fort Sheridan Continuing Data Validation Support

Final Data Validation Report #1

April 30, 1997

Submitted to:

U.S. Army Environmental Center
Base Closure Division
ATTN: SFIM-AEC-BCA

Total Environmental Program Support
Contract Number: DAAM01-94-D-0019

Prepared by:

ECG, Inc.

In Conjunction with:

LGS Turner & Associates, Ltd.

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TABLE OF CONTENTS

Section		Page
EXECUTIVE SUMMARY		vi
1	INTRODUCTION	
1.1	Background	1 - 1
1.2	Description of Data Validation Performed	1 - 3
1.3	Report Organization	1 - 4
2	DATA VALIDATION PROCEDURE	
2.1	Overview of Data Validation Procedure	2 - 1
2.2	Data Validation Summary Report	2 - 2
3	DATA SUMMARY TABLES	
3.1	Data Summary Tables	3 - 1
3.2	Data Validation Qualifier Definitions	3 - 2
4	ORGANIC GAS CHROMATOGRAPHY / MASS SPECTROMETRY (GC/MS)	
4.1	Overview	4 - 1
4.2	Summary	4 - 1
4.3	USEPA & USAEC Analytical Method Evaluation	4 - 2
4.4	Findings	4 - 2
4.4.1	Volatile Organics Analysis	4 - 10
4.4.2	Base/Neutral/Acid Organics	4 - 12
4.5	Conclusions	4 - 15
4.6	Recommendations	4 - 16
5	ORGANIC GAS CHROMATOGRAPHY/ ELECTRON CAPTURE (GC/EC)	
5.1	Overview	5 - 1
5.2	Summary	5 - 1
5.3	USEPA & USAEC Analytical Method Evaluation	5 - 2
5.4	Findings	5 - 4
5.4.1	Pesticides/PCBs	5 - 5
5.4.2	Herbicides	5 - 6
5.5	Conclusions	5 - 7
5.6	Recommendations	5 - 8

6 INORGANICS (METALS/CYANIDE)
6.1 Overview ..... 6 - 1
6.2 Summary ..... 6 - 1
6.3 USEPA & USAEC Analytical Method Evaluation ..... 6 - 1
6.4 Findings ..... 6 - 8
6.4.1 Graphite Furnace Atomic Absorption (GFAA) ..... 6 - 8
6.4.2 Cold Vapor Atomic Absorption ..... 6 - 19
6.4.3 Inductively Coupled Plasma (ICP) ..... 6 - 21
6.4.4 Spectrophotometric Analysis for Cyanide ..... 6 - 22
6.5 Conclusions ..... 6 - 23
6.6 Recommendations ..... 6 - 23

7 SPECIAL PARAMETERS
7.1 Overview ..... 7 - 1
7.2 Summary ..... 7 - 1
7.3 USEPA & USAEC Analytical Method Evaluation ..... 7 - 2
7.4 Findings ..... 7 - 4
7.4.1 Alkalinity ..... 7 - 5
7.4.2 Anions ..... 7 - 5
7.4.3 Chemical Oxygen Demand (COD) ..... 7 - 6
7.4.4 Explosives ..... 7 - 6
7.4.5 Nitrate/Nitrite ..... 7 - 7
7.4.6 Polyaromatic Hydrocarbons (PAH) ..... 7 - 7
7.4.7 Total Dissolved Solids (TDS) ..... 7 - 8
7.4.8 Total Hardness ..... 7 - 8
7.4.9 Total Recoverable Petroleum Hydrocarbons (TRPH) / Oil & Grease ..... 7 - 9
7.4.10 Total Organic Carbon (TOC) ..... 7 - 10
7.4.11 pH ..... 7 - 10
7.5 Conclusions ..... 7 - 10
7.6 Recommendations ..... 7 - 11

8 CONCLUSIONS & RECOMMENDATIONS
8.1 Introduction ..... 8 - 1
8.2 Conclusions ..... 8 - 1
8.3 Recommendations ..... 8 - 20

APPENDICES:

BLANK VALIDATION CHECKLISTS WITH QC REQUIREMENTS

Appendix A Volatile Organic Analyses (VOAs)
Appendix B Base/Neutral/Acids (BNAs)
Appendix C Pesticides/PCBs
Appendix D Inorganics (Metals)
Appendix E Special Parameters

DATA VALIDATION SIGNATURE PAGES

Appendix F Data Reviewer/Oversight Reviewer Signature Pages *(final)*

RESPONSE TO EPA COMMENTS

Appendix G

TABLES

1.1 Ft. Sheridan RI (1995-1996) Data Validated Within This Report (Summarized by Sample, Lot, Fraction, Method, and Site ID) ..... 1 - 5

1.2 Ft. Sheridan RI (1995-1996) Analytical Methods List ..... 1 - 21

1.3 Field Duplicates ..... 1 - 23

1.4 Statistical Analysis of Field Duplicates ..... 1 - 27

4.1 Volatile Internal Standards Compound Association ..... 4 - 4

4.2 BNA Internal Standards Compound Association ..... 4 - 6

6.1 The Relative Concentrations and Variability of Metals in USAEC Standard Soils with Respect to the Addition for Metal Spike Concentrations 6-4

8.1 Samples Validated and EPA Qualifiers Applied ..... 8 - 6

8.2 NFG Qualifiers By Compound & Method ..... 8 - 16

8.3 "R" Qualifiers Applied ..... 8 - 17

8.4 Checklist Summary ..... 8 - 18

BINDERS

CHECKLISTS - All Fractions

- Volatile Organics
- Base/Neutral/Acid Organics
- Pesticides/PCBs
- Inorganics (Metals/Cyanide)
- Special Parameters including Explosives

DATA SUMMARY TABLES - All Fractions

- Volatile Organics
- Base/Neutral/Acid Organics
- Pesticides/PCBs
- Inorganics (Metals/Cyanide)
- Special Parameters including Explosives

EXECUTIVE SUMMARY

BACKGROUND

Site Information: Ft. Sheridan is slated for closure and reuse under the BRAC (Base Realignment and Closure) I List. The installation is not on the National Priority List of the nation's most hazardous sites. The U.S. Army Environmental Center (USAEC) and its predecessor, the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) have been conducting a Remedial Investigation (RI) at Ft. Sheridan, Illinois since 1989. The RI work is conducted under the Installation Restoration Program (IRP) to comply with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, commonly known as "Superfund") and the National Contingency Plan (NCP). Field work for the RI was initially conducted in 1990 and 1991, and a draft and draft final RI Report was presented in 1992. Analytical work for the RI was performed by Environmental Science and Engineering (ES&E) in accordance with USATHAMA Quality Assurance (QA) Program Plan (March 1990).

The Illinois Environmental Protection Agency (IEPA) reviewed the RI report and required that the Army have 100% of the existing RI data, and 10% of the future RI data, validated independently from the laboratory. The data validation was to follow U.S. Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Organic and Inorganic Data Review (Functional Guidelines) published February, 1994, or an equivalent program. The Army agreed to use the Functional Guidelines, and contracted with ECG, Inc. to validate the existing RI data (delivery order # 0002). The validation checklists and report formats used in that effort will be used in the validation of the future RI data as documented in this and future data validation reports.

The ongoing data validation work at Fort Sheridan is being provided for two operable units: the Surplus Operable Unit RI/FS performed by ES&E during November 1995 to October 1996, and the DoD Operable Unit RI/FS performed by Science Applications International Corporation (SAIC) during fall of 1996 through spring 1997. This work is being conducted in accordance with the "Final Overall Quality Assurance Project Plan RI/FS, Fort Sheridan, IL" (QAPjP, March 15, 1995). In accordance with the QAPjP, different analytical methods are being used on these RI/FS than were used in the 1990-1991 RI/FS.

Data Validation: The procedures and plans for validation of data with this effort are presented in the "Technical Plan: Fort Sheridan Continuing Data Validation Support" (September, 1996). For the current two operable units, approximately 90% of the background samples, nearly 100% of the resamples used to validate the 1990-1991 data, and 10% of the other samples are to be validated. It is currently anticipated that as many as six different validation reports will be prepared based on USAEC's dissemination of field data to ECG. Each data validation report will be sequentially numbered and will include preliminary draft, draft and final forms. As presented in the Technical Plan, government agencies and other reviewers will receive each draft for review and comment. Separate responses to comments will be prepared and submitted by ECG on each draft.

This report is the draft final for the first of six reports, Data Validation Report #1. It is based on data received by ECG from USAEC in hard-copy and electronic form on June 14, 1996. This data comprises most of the background dataset collected in 1995-1996. The remaining background data not validated comprises only the four second round groundwater samples collected in late spring 1996.

Report Layout: This report is divided into the following eight sections: Section 1: Introduction; provides background information and an overview of the work performed. Section 2: Data Validation Procedure; contains the basic validation process description included in the Technical Plan. Section 3: Data Summary Tables; provide a description of the data summary table format and data validation qualifier definitions. Sections 4-7: Narratives; contain a description of the validation results for the individual analytical fractions. Section 8: Conclusions and Recommendations; provide information on the overall interpretation of the results along with tabular presentations. Blank Data Validation Checklists for each analytical fraction are included in Appendices A-E and provide detailed QA/QC criteria based on the National Functional Guidelines. The Data Reviewer/Oversight Data Reviewer Signature pages in Appendix F will be provided in the final report. In addition, completed Data Summary Tables and Data Validation Checklists for each fraction are provided in binders as titled and listed in the table of contents. A data qualifier summary table that shows all data qualified for the lot is attached to each Checklist.

CONCLUSIONS

While USEPA and USAEC have developed different protocols for analytical control, the principal objective of "process control" during extraction and analysis as applied to the Fort Sheridan data for both approaches appears fundamentally the same. USAEC's analytical methods and quality controls provide sufficient data to support USEPA's Data Quality Objectives (DQOs). USAEC's data quality management for analyses contains the same characteristics as those of the USEPA. These characteristics include, but are not limited to, analytical precision and accuracy, representativeness, completeness, and comparability. The data as validated by USAEC not only complied with the stringent controls that satisfy the USEPA's DQOs, but in some cases even exceeded them.

Despite differences in protocols, the data packages contained sufficient information to assess and verify the data according to Functional Guidelines and qualify the data accordingly. Based upon rejected data, the analytical fractions reviewed indicate that adequate controls were maintained during sample analysis and the requirements for validation were satisfied for more than 99.8% of the data.

Under this effort, a total of 9,330 target compound analytical results previously validated under USAEC protocols were subject to 100% re-validation according to USEPA CLP protocols. The Overall USEPA CLP Data Validation Profile is as follows:

Overall USEPA CLP Data Validation Profile for the Target Compounds

Flag	Number	Percent
No NFG qualifiers	789	8.46%
J	261	2.80%
R	11	0.12%
U	7,749	83.05%
UJ	523	5.61%
Total	9,330	100.0%

All sample results are recommended for acceptance, except those qualified as rejected, "R." A total of 11 analytical results (0.12%) are flagged "R." Data are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the compound cannot be verified.

An assessment of the 11 analytical results that were rejected indicate that all are due to the volatile compound methyl ethyl ketone (MEK), which is commonly known as a poor laboratory performer. Therefore, the rejected data can be attributed to predictable laboratory anomalies. Thus, it is reasonable to conclude that the differences between the USAEC and USEPA protocols have no significant impact on the data validated.

RECOMMENDATIONS

All analytical results are recommended for acceptance, except for the 11 MEK results qualified as rejected, "R."

Appendix D

Soil Background Data

(Final Validated IRDMIS Data)

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Sampling Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	9045/S		pH		6.8		D		
											6.74				
							9060/S		Total organic carbon		39000	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.22	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		3.26	UGG			
							GPB1/S	7439-92-1	Lead		56	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium	LT	.25	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	HBG1/S	94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7660	UGG			
								7439-89-6	Iron		13200	UGG			
								7439-95-4	Magnesium		2400	UGG			
								7439-96-5	Manganese		781	UGG			
								7440-02-0	Nickel		11	UGG			
								7440-09-7	Potassium		961	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		616	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		72.1	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		12	UGG		I	
								7440-48-4	Cobalt		9.01	UGG			
								7440-50-8	Copper		15	UGG		I	
								7440-62-2	Vanadium		19.5	UGG			
								7440-66-6	Zinc		119	UGG			
								7440-70-2	Calcium		3300	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		3.6	UGG	C		
								5103-71-9	alpha-Chlordane		2.10 E -2	UGG	C		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	PST1/S	53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane		1.17 E -2	UGG	C		
								57-74-9	Chlordane		.27	UGG	C		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		1.7	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		7.8	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.29	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	SMV1/S	205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								57-10-3	Palmitic acid / Hexadecanoic acid		3	UGG	S		
								57-11-4	Stearic acid / Octadecanoic acid / Promulsin / Proviscol w*		1.1	UGG	S		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		.9	UGG	S		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								83-47-6	gamma-Sitosterol / (3beta,24S)-Stigmast-5-en-3-ol / Cliona*		3	UGG	S		
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	SMV1/S	91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		1	UGG	S		
									Unknown compound 524		.8	UGG	S		
									Unknown compound 606		.4	UGG	S		
									Unknown compound 614		.6	UGG	S		
									Unknown compound 618		1	UGG	S		
									Unknown compound 619		10	UGG	S		
									Unknown compound 626		1	UGG	S		
									Unknown compound 631		8	UGG	S		
									Unknown compound 635		1	UGG	S		
									Unknown compound 636		3	UGG	S		
									Unknown compound 637		1	UGG	S		
									Unknown compound 638		.6	UGG	S		
									Unknown compound 641		1	UGG	S		
									Unknown compound 642		.9	UGG	S		
									Unknown compound 648		.6	UGG	S		
									Unknown compound 650		.4	UGG	S		
									Unknown compound 652		3	UGG	S		
									Unknown compound 655		2	UGG	S		
									Unknown compound 657		.8	UGG	S		
									Unknown compound 661		.4	UGG	S		
									Unknown compound 662		.9	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*1	0.0	29-AUG-95	ES	SNBGS*1	VMS2/S	108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Unknown compound 188		4 E -2	UGG	S		
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	9045/S		pH		8.56				
							9060/S		Total organic carbon		29400	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	EXL1/S	121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.52	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		4.64	UGG			
							GPB1/S	7439-92-1	Lead		13	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.426	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8080	UGG			
								7439-89-6	Iron		16400	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	ICP1/S	7439-95-4	Magnesium		36300	UGG			
								7439-96-5	Manganese		445	UGG			
								7440-02-0	Nickel		23.4	UGG			
								7440-09-7	Potassium		1410	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		785	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		15.2	UGG		I	
								7440-48-4	Cobalt		8.67	UGG			
								7440-50-8	Copper		19.9	UGG		I	
								7440-62-2	Vanadium		17.6	UGG			
								7440-66-6	Zinc		50.4	UGG			
								7440-70-2	Calcium		66700	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	PST1/S	72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*		.56	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								149-57-5	2-Ethylhexanoic acid		.35	UGG	S		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	SMV1/S	51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		.4	UGG	S		
									Unknown compound 592		1	UGG	S		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	SMV1/S		Unknown compound 619		40	UGG	S		
									Unknown compound 631		.8	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*2	6.0	29-AUG-95	ES	SNBGS*2	VMS2/S	79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	9045/S		pH		8.68				
							9060/S		Total organic carbon		35100	UGG			
							9071/S		Total petroleum hydrocarbons	LT	27.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.3	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		4.6	UGG			
							GPB1/S	7439-92-1	Lead		9.6	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.336	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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BORE	BGS-1X	SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	HBG1/S	93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		5970	UGG			
								7439-89-6	Iron		14100	UGG			
								7439-95-4	Magnesium		39800	UGG			
								7439-96-5	Manganese		492	UGG			
								7440-02-0	Nickel		19.9	UGG			
								7440-09-7	Potassium		1170	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		562	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium		.714	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		11.2	UGG		I	
								7440-48-4	Cobalt		8.55	UGG			
								7440-50-8	Copper		16.4	UGG		I	
								7440-62-2	Vanadium		12.9	UGG			
								7440-66-6	Zinc		36.3	UGG			
								7440-70-2	Calcium		70300	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	PST1/S	50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*		.64	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-84-2	Nonane		.7	UGG	S		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								112-40-3	Dodecane		.59	UGG	S		
								1120-21-4	Undecane / Hendecane		.7	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate		.68	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								124-18-5	Decane		.59	UGG	S		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								1921-70-6	2,6,10,14-Tetramethylpentadecane		.47	UGG	S		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		.59	UGG	S		
								629-59-4	Tetradecane		.94	UGG	S		
								629-62-9	Pentadecane		.47	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	SMV1/S	88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene		.18	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									1,1,3-Trimethylcyclohexane		.59	UGG	S		
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									4-Methyldecane		.59	UGG	S		
									Unknown compound 525		.5	UGG	S		
									Unknown compound 592		1	UGG	S		
									Unknown compound 619		50	UGG	S		
									Unknown compound 631		1	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-1X	SNBGS*3	12.0	29-AUG-95	ES	SNBGS*3	VMS2/S	67-64-1	Acetone		1.3 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	9071/S		Total petroleum hydrocarbons	LT	20.8	UGG	D		
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG	D	K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG	D	K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG	D	K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG	D	K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG	D	K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG	D	K	
								610-39-9	3,4-Dinitrotoluene		4.31	UGG	D	K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG	D	K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG	D	K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG	D	K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG	D	KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG	D	K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG	D	K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG	D	K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG	D	K	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	GAS1/S	7440-38-2	Arsenic		3.9	UGG	D	I	
							GPB1/S	7439-92-1	Lead		7.26	UGG	D	I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG	D		
							GTL1/S	7440-28-0	Thallium		.937	UGG	D		
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG	D	N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG	D	N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG	D	N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG	D	N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG	D	N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG	D	N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG	D	N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG	D	N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG	D	N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG	D	N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG	D		
							ICP1/S	7429-90-5	Aluminum		12000	UGG	D		
								7439-89-6	Iron		15500	UGG	D		
								7439-95-4	Magnesium		38700	UGG	D		
								7439-96-5	Manganese		258	UGG	D		
								7440-02-0	Nickel		16.8	UGG	D		
								7440-09-7	Potassium		1680	UGG	D		
								7440-22-4	Silver	LT	.5	UGG	D		
								7440-23-5	Sodium		542	UGG	D		
								7440-36-0	Antimony	LT	5	UGG	D		
								7440-39-3	Barium		63.2	UGG	D		
								7440-41-7	Beryllium	LT	.5	UGG	D		
								7440-43-9	Cadmium	LT	.5	UGG	D		
								7440-47-3	Chromium		20.6	UGG	D		
								7440-48-4	Cobalt		5.68	UGG	D		
								7440-50-8	Copper		14.2	UGG	D		
								7440-62-2	Vanadium		23.2	UGG	D		
								7440-66-6	Zinc		36.1	UGG	D		
								7440-70-2	Calcium		61900	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG	D		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG	D		
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG	D		
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG	D		
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG	D		
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG	D		
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG	D		
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG	D		
								309-00-2	Aldrin	LT	3.00 E -3	UGG	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG	D		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG	D		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG	D		
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG	D		
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG	D		
								57-74-9	Chlordane	LT	2.00 E -2	UGG	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG	D		
								60-57-1	Dieldrin	LT	3.00 E -3	UGG	D		
								72-20-8	Endrin	LT	3.00 E -3	UGG	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG	D		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG	D		
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG	D		
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG	D		
								100-02-7	4-Nitrophenol	LT	1.4	UGG	D		
								100-51-6	Benzyl alcohol	LT	.14	UGG	D		
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	SMV1/S	106-46-7	1,4-Dichlorobenzene	LT	.14	UGG	D		
								106-47-8	4-Chloroaniline	LT	.3	UGG	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG	D		
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG	D		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG	D		
								118-74-1	Hexachlorobenzene	LT	.14	UGG	D		
								120-12-7	Anthracene	LT	.14	UGG	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG	D		
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG	D		
								131-11-3	Dimethyl phthalate	LT	.14	UGG	D		
								132-64-9	Dibenzofuran	LT	.14	UGG	D		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG	D		
								206-44-0	Fluoranthene	LT	.14	UGG	D		
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG	D		
								208-96-8	Acenaphthylene	LT	.14	UGG	D		
								218-01-9	Chrysene	LT	.14	UGG	D		
								50-32-8	Benzo[a]pyrene	LT	.14	UGG	D		
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG	D		
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG	D		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG	D		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG	D		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG	D		
								65-85-0	Benzoic acid	LT	1.4	UGG	D		
								67-72-1	Hexachloroethane	LT	.14	UGG	D		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG	D		
								78-59-1	Isophorone	LT	.14	UGG	D		
								83-32-9	Acenaphthene	LT	.14	UGG	D		
								84-66-2	Diethyl phthalate	LT	.14	UGG	D		
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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BORE	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	SMV1/S	85-01-8	Phenanthrene	LT	.14	UGG	D		
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG	D		
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG	D		
								87-86-5	Pentachlorophenol	LT	.67	UGG	D		
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG	D		
								88-74-4	2-Nitroaniline	LT	.67	UGG	D		
								88-75-5	2-Nitrophenol	LT	.14	UGG	D		
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG	D		
								91-57-6	2-Methylnaphthalene	LT	.14	UGG	D		
								91-58-7	2-Chloronaphthalene	LT	.14	UGG	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG	D		
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG	D		
								95-57-8	2-Chlorophenol	LT	.14	UGG	D		
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG	D		
								99-09-2	3-Nitroaniline	LT	.67	UGG	D		
									4-Bromophenyl phenyl ether	LT	.14	UGG	D		
									4-Chlorophenyl phenyl ether	LT	.14	UGG	D		
									Unknown compound 619		9	UGG	DS		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG	D		
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG	D		
								108-88-3	Toluene	LT	1.0 E -2	UGG	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG	D		
								540-59-0							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*28	6.0	31-AUG-95	ES	SNBGS*28	VMS2/S	540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG	D		
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG	D		
								67-64-1	Acetone	LT	1.0 E -2	UGG	D		
								67-66-3	Chloroform	LT	1.0 E -2	UGG	D		
								71-43-2	Benzene	LT	1.0 E -2	UGG	D		
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG	D		
								74-83-9	Bromomethane	LT	1.0 E -2	UGG	D		
								74-87-3	Chloromethane	LT	1.0 E -2	UGG	D		
								75-00-3	Chloroethane	LT	1.0 E -2	UGG	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG	D		
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG	D		
								75-25-2	Bromoform	LT	1.0 E -2	UGG	D		
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG	D		
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG	D		
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG	D		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG	D		
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG	D		
									Xylenes, total combined	LT	1.0 E -2	UGG	D		
		SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	9045/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
									pH		8.85		D		
											8.6				
							9060/S		Total organic carbon		31700	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.28	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	EXL1/S	98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		2.44	UGG			
							GPB1/S	7439-92-1	Lead		18	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium	LT	.25	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		12600	UGG			
								7439-89-6	Iron		17100	UGG			
								7439-95-4	Magnesium		3680	UGG			
								7439-96-5	Manganese		3420	UGG			
								7440-02-0	Nickel		17.1	UGG			
								7440-09-7	Potassium		723	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		460	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		197	UGG			

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Final Documentation Appendix Report
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	ICP1/S	7440-41-7	Beryllium		1.27	UGG		I	
								7440-43-9	Cadmium		.749	UGG			
								7440-47-3	Chromium		15.8	UGG		I	
								7440-48-4	Cobalt		8.54	UGG			
								7440-50-8	Copper		14.5	UGG		I	
								7440-62-2	Vanadium		27.6	UGG			
								7440-66-6	Zinc		67	UGG			
								7440-70-2	Calcium		6440	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*		4.20 E -3	UGG	C		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		4.07 E -3	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	PST1/S	8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								103-82-2	Phenylacetic acid / Benzeneacetic acid / alpha-Toluic acid		.53	UGG	S		
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.38	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene		.62	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								149-57-5	2-Ethylhexanoic acid		.66	UGG	S		
								191-24-2	Benzo[ghi]perylene		.21	UGG			
								192-97-2	Benzo[e]pyrine		.66	UGG	S		
								193-39-5	Indeno[1,2,3-C,D]pyrene		.24	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		.28	UGG			
								206-44-0	Fluoranthene		.76	UGG			
								207-08-9	Benzo[k]fluoranthene		.33	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene		.39	UGG			
								50-32-8	Benzo[a]pyrene		.32	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			

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Final Documentation Appendix Report
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BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	SMV1/S	56-55-3	Benzo[a]anthracene		.33	UGG			
								57-10-3	Palmitic acid / Hexadecanoic acid		.53	UGG	S		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								630-03-5	Nonacosane		.53	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								83-46-5	beta-Sitosterol / (3beta)-Stigmast-5-en-3-ol		.39	UGG	S		
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene		.42	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		1	UGG	S		
									Unknown compound 524		1	UGG	S		
									Unknown compound 619		3	UGG	S		
									Unknown compound 626		.8	UGG	S		

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Final Documentation Appendix Report
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BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	SMV1/S		Unknown compound 635		1	UGG	S		
									Unknown compound 636		.5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*7	0.0	31-AUG-95	ES	SNBGS*7	VMS2/S	79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
		SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	9045/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
							9060/S		pH		8.15				
							9071/S		Total organic carbon		34000	UGG			
							CYN1/S	57-12-5	Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	Cyanide	LT	.25	UGG			
									2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.42	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		5.67	UGG			
							GPB1/S	7439-92-1	Lead		11	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.448	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methyiphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	HBG1/S	93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		10300	UGG			
								7439-89-6	Iron		18200	UGG			
								7439-95-4	Magnesium		38900	UGG			
								7439-96-5	Manganese		547	UGG			
								7440-02-0	Nickel		24.3	UGG			
								7440-09-7	Potassium		2070	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		498	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		17	UGG		I	
								7440-48-4	Cobalt		10.1	UGG			
								7440-50-8	Copper		18.2	UGG		I	
								7440-62-2	Vanadium		21.9	UGG			
								7440-66-6	Zinc		47.4	UGG			
								7440-70-2	Calcium		69300	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	PST1/S	50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	SMV1/S	132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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BORE	BGS-2X	SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	SMV1/S	95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 592		.5	UGG	S		
									Unknown compound 619		5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

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BORE	BGS-2X	SNBGS*8	6.0	31-AUG-95	ES	SNBGS*8	VMS2/S	75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
		SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	9045/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
							9060/S		pH		8.57				
							9071/S		Total organic carbon		42400	UGG			
							CYN1/S	57-12-5	Total petroleum hydrocarbons	LT	20.8	UGG			
							EXL1/S	118-96-7	Cyanide	LT	.25	UGG			
								121-14-2	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-82-4	2,4-Dinitrotoluene	LT	.2	UGG			
								2691-41-0	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								479-45-8	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								606-20-2	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								610-39-9	2,6-Dinitrotoluene	LT	.2	UGG			
								88-72-2	3,4-Dinitrotoluene		4.51	UGG			
								98-95-3	2-Nitrotoluene	LT	.5	UGG			
								99-08-1	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-35-4	3-Nitrotoluene	LT	.5	UGG			
								99-65-0	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-99-0	1,3-Dinitrobenzene	LT	.25	UGG			
									4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.48	UGG			
							GPB1/S	7439-92-1	Lead		11	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.509	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	HBG1/S	7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8920	UGG			
								7439-89-6	Iron		17400	UGG			
								7439-95-4	Magnesium		39400	UGG			
								7439-96-5	Manganese		463	UGG			
								7440-02-0	Nickel		22	UGG			
								7440-09-7	Potassium		2090	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		591	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		69.5	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		16.2	UGG		I	
								7440-48-4	Cobalt		8.46	UGG			
								7440-50-8	Copper		19.7	UGG		I	
								7440-62-2	Vanadium		19.7	UGG			
								7440-66-6	Zinc		47.5	UGG			
								7440-70-2	Calcium		70700	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	PST1/S	309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								112-40-3	Dodecane		.81	UGG	S		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	SMV1/S	112-95-8	Eicosane		.46	UGG	S		
								1120-21-4	Undecane / Hendecane		.58	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate		.23	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								544-76-3	Hexadecane		1.2	UGG	S		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-45-3	Octadecane		.7	UGG	S		
								593-49-7	Heptacosane		.35	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		1.2	UGG	S		
								629-59-4	Tetradecane		1	UGG	S		
								629-62-9	Pentadecane		1	UGG	S		
								629-78-7	Heptadecane		.7	UGG	S		
								629-92-5	Nonadecane		.58	UGG	S		
								629-94-7	Heneicosane		.46	UGG	S		
								629-97-0	Docosane		.46	UGG	S		
								630-03-5	Nonacosane		.35	UGG	S		
								638-67-5	Tricosane / n-Tricosane		.46	UGG	S		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	SMV1/S	65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 563		.7	UGG	S		
									Unknown compound 567		.3	UGG	S		
									Unknown compound 568		.3	UGG	S		
									Unknown compound 578		.3	UGG	S		
									Unknown compound 584		.7	UGG	S		
									Unknown compound 597		1	UGG	S		
									Unknown compound 601		.7	UGG	S		
									Unknown compound 603		.3	UGG	S		
									Unknown compound 619		2	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5							

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Final Documentation Appendix Report
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-2X	SNBGS*9	11.0	31-AUG-95	ES	SNBGS*9	VMS2/S	10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	9045/S		pH		7.92				

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	9060/S		Total organic carbon		12900	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.7	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.34	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		3.61	UGG			
							GPB1/S	7439-92-1	Lead		28	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium	LT	.25	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	HBG1/S	94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		9100	UGG			
								7439-89-6	Iron		28400	UGG			
								7439-95-4	Magnesium		2840	UGG			
								7439-96-5	Manganese		2360	UGG			
								7440-02-0	Nickel		23.6	UGG			
								7440-09-7	Potassium		887	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		1300	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		113	UGG			
								7440-41-7	Beryllium		1.18	UGG		I	
								7440-43-9	Cadmium		.733	UGG			
								7440-47-3	Chromium		16.5	UGG		I	
								7440-48-4	Cobalt		18.9	UGG			
								7440-50-8	Copper		17.7	UGG		I	
								7440-62-2	Vanadium		37.8	UGG			
								7440-66-6	Zinc		60.3	UGG			
								7440-70-2	Calcium		2360	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	PST1/S	5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	SMV1/S	206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	SMV1/S	99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		.6	UGG	S		
									Unknown compound 524		.6	UGG	S		
									Unknown compound 627		.4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
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File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*13	0.0	01-SEP-95	ES	SNBGS*13	VMS2/S	78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	9045/S		pH		8.21				
							9060/S		Total organic carbon		36800	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.45	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		5.49	UGG			
							GPB1/S	7439-92-1	Lead		10	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.488	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	HBG1/S	88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8990	UGG			
								7439-89-6	Iron		17200	UGG			
								7439-95-4	Magnesium		41900	UGG			
								7439-96-5	Manganese		591	UGG			
								7440-02-0	Nickel		24.6	UGG			
								7440-09-7	Potassium		1970	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		800	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		16	UGG		I	
								7440-48-4	Cobalt		10.7	UGG			
								7440-50-8	Copper		20.9	UGG		I	
								7440-62-2	Vanadium		19.7	UGG			
								7440-66-6	Zinc		48	UGG			
								7440-70-2	Calcium		73900	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	PST1/S	319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride		LT 3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan		LT 3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		LT 3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane		LT 3.00 E -3	UGG			
								53469-21-9	PCB 1242		LT 1.30 E -2	UGG			
								53494-70-5	Endrin ketone		LT 3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane		LT 3.00 E -3	UGG			
								57-74-9	Chlordane		LT 2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*		LT 3.00 E -3	UGG			
								60-57-1	Dieldrin		LT 3.00 E -3	UGG			
								72-20-8	Endrin		LT 3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*		LT 3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		LT 3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		LT 3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde		LT 2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*		LT 3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *		LT .3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan		LT 3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline		LT .67	UGG			
								100-02-7	4-Nitrophenol		LT 1.4	UGG			
								100-51-6	Benzyl alcohol		LT .14	UGG			
								105-67-9	2,4-Dimethylphenol		LT .14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		LT .14	UGG			
								106-46-7	1,4-Dichlorobenzene		LT .14	UGG			
								106-47-8	4-Chloroaniline		LT .3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether		LT .14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*		LT .14	UGG			
								111-44-4	Bis(2-chloroethyl) ether		LT .14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane		LT .14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.22	UGG			
								117-84-0	Di-n-octyl phthalate		LT .14	UGG			
								118-74-1	Hexachlorobenzene		LT .14	UGG			
								120-12-7	Anthracene		LT .14	UGG			
								120-82-1	1,2,4-Trichlorobenzene		LT .14	UGG			
								120-83-2	2,4-Dichlorophenol		LT .14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-45-3	Octadecane		.37	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	SMV1/S	91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 518		1	UGG	S		
									Unknown compound 519		.4	UGG	S		
									Unknown compound 536		.4	UGG	S		
									Unknown compound 537		.4	UGG	S		
									Unknown compound 592		.7	UGG	S		
									Unknown compound 597		.5	UGG	S		
									Unknown compound 619		10	UGG	S		
									Unknown compound 631		.6	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*14	7.0	01-SEP-95	ES	SNBGS*14	VMS2/S	71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								75-69-4	Trichlorofluoromethane		8.6 E -3	UGG	S		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	9045/S		pH		8.35				
							9060/S		Total organic carbon		36900	UGG			
							9071/S		Total petroleum hydrocarbons		45.3	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.34	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	EXL1/S		2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		7.61	UGG			
							GPB1/S	7439-92-1	Lead		11	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.315	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		9240	UGG			
								7439-89-6	Iron		21600	UGG			
								7439-95-4	Magnesium		38400	UGG			
								7439-96-5	Manganese		612	UGG			
								7440-02-0	Nickel		24	UGG			
								7440-09-7	Potassium		2280	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		552	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium		1.32	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		15.6	UGG		I	
								7440-48-4	Cobalt		9.84	UGG			
								7440-50-8	Copper		19.2	UGG		I	
								7440-62-2	Vanadium		21.6	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	ICP1/S	7440-66-6	Zinc		44.4	UGG			
								7440-70-2	Calcium		69600	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	SMV1/S	105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		1.3	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	SMV1/S	84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 592		.6	UGG	S		
									Unknown compound 597		.4	UGG	S		
									Unknown compound 619		10	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*15	13.0	01-SEP-95	ES	SNBGS*15	VMS2/S	124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
		SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	9045/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
									pH		8.74		D		
							9060/S		Total organic carbon		45600	UGG	D		
							9071/S		Total petroleum hydrocarbons		38.7	UGG	D		
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG	D		
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	EXL1/S	606-20-2	2,6-Dinitrotoluene	LT	.2	UGG	D		
								610-39-9	3,4-Dinitrotoluene		4.31	UGG	D		
								88-72-2	2-Nitrotoluene	LT	.5	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG	D		
								99-08-1	3-Nitrotoluene	LT	.5	UGG	D		
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG	D	JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG	D		
								99-99-0	4-Nitrotoluene	LT	.5	UGG	D		
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG	D		
									4-Amino-2,6dinitrotoluene	LT	.25	UGG	D		
							GAS1/S	7440-38-2	Arsenic		8.6	UGG	D	I	
							GPB1/S	7439-92-1	Lead		8.67	UGG	D	I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG	D		
							GTL1/S	7440-28-0	Thallium		.703	UGG	D		
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG	D	PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG	D	PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG	D	PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG	D	PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG	D	PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG	D	PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG	D	PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG	D	PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG	D	PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG	D	PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG	D		
							ICP1/S	7429-90-5	Aluminum		8160	UGG	D		
								7439-89-6	Iron		19200	UGG	D		
								7439-95-4	Magnesium		37200	UGG	D		
								7439-96-5	Manganese		408	UGG	D		
								7440-02-0	Nickel		16.8	UGG	D		
								7440-09-7	Potassium		1800	UGG	D		
								7440-22-4	Silver	LT	.5	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	ICP1/S	7440-23-5	Sodium		576	UGG	D		
								7440-36-0	Antimony	LT	5	UGG	D		
								7440-39-3	Barium	LT	39.8	UGG	D		
								7440-41-7	Beryllium	LT	.5	UGG	D		
								7440-43-9	Cadmium	LT	.5	UGG	D		
								7440-47-3	Chromium		14.4	UGG	D		
								7440-48-4	Cobalt		5.88	UGG	D		
								7440-50-8	Copper		19.2	UGG	D		
								7440-62-2	Vanadium		18	UGG	D		
								7440-66-6	Zinc		37.2	UGG	D		
								7440-70-2	Calcium		68400	UGG	D		
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG	D		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG	D		
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG	D		
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG	D		
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG	D		
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG	D		
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG	D		
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG	D		
								309-00-2	Aldrin	LT	3.00 E -3	UGG	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG	D		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG	D		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG	D		
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG	D		
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG	D		
								57-74-9	Chlordane	LT	2.00 E -2	UGG	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG	D		
								60-57-1	Dieldrin	LT	3.00 E -3	UGG	D		
								72-20-8	Endrin	LT	3.00 E -3	UGG	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	PST1/S	7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG	D		
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG	D		
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG	D		
								100-02-7	4-Nitrophenol	LT	1.4	UGG	D		
								100-51-6	Benzyl alcohol	LT	.14	UGG	D		
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG	D		
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG	D		
								106-47-8	4-Chloroaniline	LT	.3	UGG	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG	D		
								117-81-7	Bis(2-ethylhexyl) phthalate		1.1	UGG	D		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG	D		
								118-74-1	Hexachlorobenzene	LT	.14	UGG	D		
								120-12-7	Anthracene	LT	.14	UGG	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG	D		
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG	D		
								131-11-3	Dimethyl phthalate	LT	.14	UGG	D		
								132-64-9	Dibenzofuran	LT	.14	UGG	D		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG	D		
								206-44-0	Fluoranthene	LT	.14	UGG	D		
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG	D		
								208-96-8	Acenaphthylene	LT	.14	UGG	D		
								218-01-9	Chrysene	LT	.14	UGG	D		
								50-32-8	Benzo[a]pyrene	LT	.14	UGG	D		
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG	D		
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG	D		
								544-76-3	Hexadecane		.36	UGG	SD		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	SMV1/S	56-55-3	Benzo[a]anthracene	LT	.14	UGG	D		
								57-10-3	Palmitic acid / Hexadecanoic acid		.6	UGG	SD		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG	D		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG	D		
								65-85-0	Benzoic acid	LT	1.4	UGG	D		
								67-72-1	Hexachloroethane	LT	.14	UGG	D		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG	D		
								78-59-1	Isophorone	LT	.14	UGG	D		
								83-32-9	Acenaphthene	LT	.14	UGG	D		
								84-66-2	Diethyl phthalate	LT	.14	UGG	D		
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG	D		
								85-01-8	Phenanthrene	LT	.14	UGG	D		
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG	D		
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG	D		
								87-86-5	Pentachlorophenol	LT	.67	UGG	D		
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG	D		
								88-74-4	2-Nitroaniline	LT	.67	UGG	D		
								88-75-5	2-Nitrophenol	LT	.14	UGG	D		
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG	D		
								91-57-6	2-Methylnaphthalene	LT	.14	UGG	D		
								91-58-7	2-Chloronaphthalene	LT	.14	UGG	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG	D		
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG	D		
								95-57-8	2-Chlorophenol	LT	.14	UGG	D		
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG	D		
								99-09-2	3-Nitroaniline	LT	.67	UGG	D		
									4-Bromophenyl phenyl ether	LT	.14	UGG	D		
									4-Chlorophenyl phenyl ether	LT	.14	UGG	D		
									Unknown compound 518		.8	UGG	SD		
									Unknown compound 597		.4	UGG	SD		
									Unknown compound 619		2	UGG	SD		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG	D		
								10061-01-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-3X	SNBGS*36	12.0	01-SEP-95	ES	SNBGS*36	VMS2/S	10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG	D		
								108-88-3	Toluene	LT	1.0 E -2	UGG	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG	D		
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG	D		
								67-64-1	Acetone		1.3 E -2	UGG	D		
								67-66-3	Chloroform	LT	1.0 E -2	UGG	D		
								71-43-2	Benzene	LT	1.0 E -2	UGG	D		
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG	D		
								74-83-9	Bromomethane	LT	1.0 E -2	UGG	D		
								74-87-3	Chloromethane	LT	1.0 E -2	UGG	D		
								75-00-3	Chloroethane	LT	1.0 E -2	UGG	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG	D		
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG	D		
								75-25-2	Bromoform	LT	1.0 E -2	UGG	D		
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG	D		
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG	D		
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG	D		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG	D		
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG	D		
									Xylenes, total combined	LT	1.0 E -2	UGG	D		
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	9045/S		pH		8.69				

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	9060/S		Total organic carbon		25800	UGG			
							9071/S		Total petroleum hydrocarbons		38.9	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.33	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.63	UGG			
							GPB1/S	7439-92-1	Lead		9.6	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.391	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7							

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	HBG1/S	94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8180	UGG			
								7439-89-6	Iron		16100	UGG			
								7439-95-4	Magnesium		38000	UGG			
								7439-96-5	Manganese		565	UGG			
								7440-02-0	Nickel		25.3	UGG			
								7440-09-7	Potassium		1380	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		518	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		13.8	UGG		I	
								7440-48-4	Cobalt		8.76	UGG			
								7440-50-8	Copper		18.4	UGG		I	
								7440-62-2	Vanadium		17.3	UGG			
								7440-66-6	Zinc		53	UGG			
								7440-70-2	Calcium		79500	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	PST1/S	5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	SMV1/S	206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	SMV1/S	99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 592		.3	UGG	S		
									Unknown compound 619		7	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*19	0.0	30-AUG-95	ES	SNBGS*19	VMS2/S	79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	9045/S		pH		8.49		D		
											8.43				
							9060/S		Total organic carbon		30900	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.3	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		3.14	UGG			
							GPB1/S	7439-92-1	Lead		12	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.376	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	HBG1/S	88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		6920	UGG			
								7439-89-6	Iron		16100	UGG			
								7439-95-4	Magnesium		35800	UGG			
								7439-96-5	Manganese		427	UGG			
								7440-02-0	Nickel		20.8	UGG			
								7440-09-7	Potassium		980	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		473	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		13.8	UGG		I	
								7440-48-4	Cobalt		6.8	UGG			
								7440-50-8	Copper		19.6	UGG		I	
								7440-62-2	Vanadium		16.1	UGG			
								7440-66-6	Zinc		53.1	UGG			
								7440-70-2	Calcium		66900	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	PST1/S	319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.33	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	SMV1/S	91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		1	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*20	6.0	30-AUG-95	ES	SNBGS*20	VMS2/S	75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	9045/S		pH		8.7				
							9060/S		Total organic carbon		36700	UGG			
							9071/S		Total petroleum hydrocarbons		31.2	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.41	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.4	UGG		I	
							GPB1/S	7439-92-1	Lead		12	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.758	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	HBG1/S	1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8130	UGG			
								7439-89-6	Iron		17400	UGG			
								7439-95-4	Magnesium		40700	UGG			
								7439-96-5	Manganese		441	UGG			
								7440-02-0	Nickel		22.1	UGG			
								7440-09-7	Potassium		1630	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		557	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium		4.99	UGG			
								7440-47-3	Chromium		15.1	UGG			
								7440-48-4	Cobalt		8.01	UGG			
								7440-50-8	Copper		22.1	UGG			
								7440-62-2	Vanadium		18.6	UGG			
								7440-66-6	Zinc		302	UGG			
								7440-70-2	Calcium		72000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	PST1/S	12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	SMV1/S	111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								112-40-3	Dodecane		.35	UGG	S		
								1120-21-4	Undecane / Hendecane		.35	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								1921-70-6	2,6,10,14-Tetramethylpentadecane		.46	UGG	S		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								544-76-3	Hexadecane		.46	UGG	S		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		.46	UGG	S		
								629-59-4	Tetradecane		.35	UGG	S		
								629-62-9	Pentadecane		.35	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	SMV1/S	84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 584		.3	UGG	S		
									Unknown compound 619		7	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*21	12.0	30-AUG-95	ES	SNBGS*21	VMS2/S	127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone		3.4 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	9045/S		pH		8.44		D		
							9060/S		Total organic carbon		41900	UGG	D		
							9071/S		Total petroleum hydrocarbons		31.3	UGG	D		
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG	D		
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG	D		
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG	D		
								610-39-9	3,4-Dinitrotoluene		4.31	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	EXL1/S	88-72-2	2-Nitrotoluene	LT	.5	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG	D		
								99-08-1	3-Nitrotoluene	LT	.5	UGG	D		
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG	D	JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG	D		
								99-99-0	4-Nitrotoluene	LT	.5	UGG	D		
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG	D		
									4-Amino-2,6dinitrotoluene	LT	.25	UGG	D		
							GAS1/S	7440-38-2	Arsenic		7.2	UGG	D	I	
							GPB1/S	7439-92-1	Lead		9.74	UGG	D	I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG	D		
							GTL1/S	7440-28-0	Thallium		.638	UGG	D		
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG	D		
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG	D		
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG	D		
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG	D		
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG	D		
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG	D		
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG	D		
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG	D		
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG	D		
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG	D		
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG	D		
							ICP1/S	7429-90-5	Aluminum		9030	UGG	D		
								7439-89-6	Iron		17600	UGG	D		
								7439-95-4	Magnesium		37500	UGG	D		
								7439-96-5	Manganese		434	UGG	D		
								7440-02-0	Nickel		22.3	UGG	D		
								7440-09-7	Potassium		1990	UGG	D		
								7440-22-4	Silver	LT	.5	UGG	D		
								7440-23-5	Sodium		516	UGG	D		
								7440-36-0	Antimony	LT	5	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	ICP1/S	7440-39-3	Barium	LT	39.8	UGG	D		
								7440-41-7	Beryllium	LT	.5	UGG	D		
								7440-43-9	Cadmium	LT	.5	UGG	D		
								7440-47-3	Chromium		15.2	UGG	D		
								7440-48-4	Cobalt		7.27	UGG	D		
								7440-50-8	Copper		17.6	UGG	D		
								7440-62-2	Vanadium		18.8	UGG	D		
								7440-66-6	Zinc		41	UGG	D		
								7440-70-2	Calcium		65700	UGG	D		
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG	D		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG	D		
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG	D		
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG	D		
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG	D		
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG	D		
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG	D		
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG	D		
								309-00-2	Aldrin	LT	3.00 E -3	UGG	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG	D		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG	D		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG	D		
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG	D		
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG	D		
								57-74-9	Chlordane	LT	2.00 E -2	UGG	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG	D		
								60-57-1	Dieldrin	LT	3.00 E -3	UGG	D		
								72-20-8	Endrin	LT	3.00 E -3	UGG	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG	D		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG	D		
								76-44-8							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	PST1/S	76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG	D		
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG	D		
								100-02-7	4-Nitrophenol	LT	1.4	UGG	D		
								100-51-6	Benzyl alcohol	LT	.14	UGG	D		
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG	D		
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG	D		
								106-47-8	4-Chloroaniline	LT	.3	UGG	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG	D		
								112-40-3	Dodecane		.59	UGG	S		
								112-95-8	Eicosane		.35	UGG	S		
								1120-21-4	Undecane / Hendecane		.35	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG	D		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG	D		
								118-74-1	Hexachlorobenzene	LT	.14	UGG	D		
								120-12-7	Anthracene	LT	.14	UGG	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG	D		
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG	D		
								131-11-3	Dimethyl phthalate	LT	.14	UGG	D		
								132-64-9	Dibenzofuran	LT	.14	UGG	D		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG	D		
								1921-70-6	2,6,10,14-Tetramethylpentadecane		1.1	UGG	S		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG	D		
								206-44-0	Fluoranthene	LT	.14	UGG	D		
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG	D		
								208-96-8	Acenaphthylene	LT	.14	UGG	D		
								218-01-9	Chrysene	LT	.14	UGG	D		
								50-32-8	Benzo[a]pyrene	LT	.14	UGG	D		
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG	D		
								534-52-1							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	SMV1/S	534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG	D		
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG	D		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG	D		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG	D		
								593-45-3	Octadecane		.59	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG	D		
								629-50-5	Tridecane		.82	UGG	S		
								629-59-4	Tetradecane		.7	UGG	S		
								629-62-9	Pentadecane		.7	UGG	S		
								629-78-7	Heptadecane		.59	UGG	S		
								629-92-5	Nonadecane		.47	UGG	S		
								629-94-7	Heneicosane		.35	UGG	S		
								629-97-0	Docosane		.35	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG	D		
								67-72-1	Hexachloroethane	LT	.14	UGG	D		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG	D		
								78-59-1	Isophorone	LT	.14	UGG	D		
								83-32-9	Acenaphthene	LT	.14	UGG	D		
								84-66-2	Diethyl phthalate	LT	.14	UGG	D		
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG	D		
								85-01-8	Phenanthrene	LT	.14	UGG	D		
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG	D		
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG	D		
								87-86-5	Pentachlorophenol	LT	.67	UGG	D		
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG	D		
								88-74-4	2-Nitroaniline	LT	.67	UGG	D		
								88-75-5	2-Nitrophenol	LT	.14	UGG	D		
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG	D		
								91-57-6	2-Methylnaphthalene	LT	.14	UGG	D		
								91-58-7	2-Chloronaphthalene	LT	.14	UGG	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG	D		
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG	D		
								95-57-8	2-Chlorophenol	LT	.14	UGG	D		
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	SMV1/S	99-09-2	3-Nitroaniline	LT	.67	UGG	D		
									4-Bromophenyl phenyl ether	LT	.14	UGG	D		
									4-Chlorophenyl phenyl ether	LT	.14	UGG	D		
									Unknown compound 563		.5	UGG	S		
									Unknown compound 584		.7	UGG	S		
									Unknown compound 592		1	UGG	S		
									Unknown compound 601		.5	UGG	S		
									Unknown compound 619		8	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG	D		
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG	D		
								108-88-3	Toluene	LT	1.0 E -2	UGG	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG	D		
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG	D		
								67-64-1	Acetone	LT	1.0 E -2	UGG	D		
								67-66-3	Chloroform	LT	1.0 E -2	UGG	D		
								71-43-2	Benzene	LT	1.0 E -2	UGG	D		
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG	D		
								74-83-9	Bromomethane	LT	1.0 E -2	UGG	D		
								74-87-3	Chloromethane	LT	1.0 E -2	UGG	D		
								75-00-3	Chloroethane	LT	1.0 E -2	UGG	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG	D		
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG	D		
								75-25-2	Bromoform	LT	1.0 E -2	UGG	D		
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG	D		
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG	D		
								75-35-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-4X	SNBGS*35	13.0	30-AUG-95	ES	SNBGS*35	VMS2/S	75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG	D		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG	D		
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG	D		
									Xylenes, total combined	LT	1.0 E -2	UGG	D		
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	9071/S		Total petroleum hydrocarbons		32	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.65	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		3.66	UGG			
							GPB1/S	7439-92-1	Lead		17	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.363	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	HBG1/S	88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		11800	UGG			
								7439-89-6	Iron		22500	UGG			
								7439-95-4	Magnesium		35500	UGG			
								7439-96-5	Manganese		923	UGG			
								7440-02-0	Nickel		37.9	UGG			
								7440-09-7	Potassium		1890	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		391	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		63.9	UGG			
								7440-41-7	Beryllium		1.3	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		20.1	UGG		I	
								7440-48-4	Cobalt		15.4	UGG			
								7440-50-8	Copper		22.5	UGG		I	
								7440-62-2	Vanadium		26	UGG			
								7440-66-6	Zinc		50.9	UGG			
								7440-70-2	Calcium		48500	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	PST1/S	319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		4.85 E -3	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.34	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								149-57-5	2-Ethylhexanoic acid		.59	UGG	S		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	SMV1/S	91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		.5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*4	0.0	29-AUG-95	ES	SNBGS*4	VMS2/S	75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	9071/S		Total petroleum hydrocarbons		31.3	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.4	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		6	UGG			
							GPB1/S	7439-92-1	Lead		10	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.496	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	HBG1/S	7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7040	UGG			
								7439-89-6	Iron		15300	UGG			
								7439-95-4	Magnesium		41100	UGG			
								7439-96-5	Manganese		810	UGG			
								7440-02-0	Nickel		37.6	UGG			
								7440-09-7	Potassium		1530	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		552	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium		.739	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		12.9	UGG		I	
								7440-48-4	Cobalt		14.1	UGG			
								7440-50-8	Copper		16.4	UGG		I	
								7440-62-2	Vanadium		15.3	UGG			
								7440-66-6	Zinc		44.6	UGG			
								7440-70-2	Calcium		66900	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	PST1/S	309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.18	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	SMV1/S	117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	SMV1/S	88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		2	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*5	6.0	29-AUG-95	ES	SNBGS*5	VMS2/S	74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	9071/S		Total petroleum hydrocarbons	LT	27.5	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.21	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		5.35	UGG			
							GPB1/S	7439-92-1	Lead		11	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.384	UGG			
							HBG1/S	120-36-5							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		9650	UGG			
								7439-89-6	Iron		17400	UGG			
								7439-95-4	Magnesium		39500	UGG			
								7439-96-5	Manganese		500	UGG			
								7440-02-0	Nickel		22.1	UGG			
								7440-09-7	Potassium		2330	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		558	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		17.4	UGG		I	
								7440-48-4	Cobalt		9.53	UGG			
								7440-50-8	Copper		22.1	UGG		I	
								7440-62-2	Vanadium		20.9	UGG			
								7440-66-6	Zinc		44.2	UGG			
								7440-70-2	Calcium		70900	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	PST1/S	11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	SMV1/S	108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	SMV1/S	86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		10	UGG	S		
									Unknown compound 631		.3	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-5X	SNBGS*6	12.0	29-AUG-95	ES	SNBGS*6	VMS2/S	591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone		.2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Unknown compound 166		1 E -2	UGG	S		
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGSL*4	0.0	05-SEP-95	ES	SNBGSL*4	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		SNBGSL*5	6.0	05-SEP-95	ES	SNBGSL*5	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		SNBGSL*6	12.0	05-SEP-95	ES	SNBGSL*6	ICP1/W	7439-92-1	Lead	LT	50	UGL			
	BGS-6X	NBGSL*10	0.0	05-SEP-95	ES	NBGSL*10	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*11	6.0	05-SEP-95	ES	NBGSL*11	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*12	10.0	11-SEP-95	ES	NBGSL*12	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.5	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	EXL1/S	98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.52	UGG			
							GPB1/S	7439-92-1	Lead		26	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium	LT	.25	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		10100	UGG			
								7439-89-6	Iron		15800	UGG			
								7439-95-4	Magnesium		19400	UGG			
								7439-96-5	Manganese		486	UGG			
								7440-02-0	Nickel		18.2	UGG			
								7440-09-7	Potassium		1220	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		474	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		53.5	UGG			

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Final Documentation Appendix Report
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	ICP1/S	7440-41-7	Beryllium		.693	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		15.8	UGG		I	
								7440-48-4	Cobalt		8.14	UGG			
								7440-50-8	Copper		17	UGG		I	
								7440-62-2	Vanadium		21.9	UGG			
								7440-66-6	Zinc		52.2	UGG			
								7440-70-2	Calcium		34000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		2.19 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*		3.89 E -3	UGG	C		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		3.52 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	PST1/S	8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.28	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene		.38	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene		.17	UGG	JP		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		.17	UGG	JP		
								206-44-0	Fluoranthene		.47	UGG			
								207-08-9	Benzo[k]fluoranthene		.24	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene		.26	UGG			
								50-32-8	Benzo[a]pyrene		.19	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene		.22	UGG			
								57-10-3	Palmitic acid / Hexadecanoic acid		.49	UGG	S		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			

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BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	SMV1/S	606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								83-47-6	gamma-Sitosterol / (3beta,24S)-Stigmast-5-en-3-ol / Cliona*		.61	UGG	S		
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene		.23	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 521		1	UGG	S		
									Unknown compound 524		1	UGG	S		
									Unknown compound 592		.4	UGG	S		
									Unknown compound 619		.5	UGG	S		
									Unknown compound 626		.7	UGG	S		
									Unknown compound 631		4	UGG	S		
									Unknown compound 635		.6	UGG	S		
									Unknown compound 636		.7	UGG	S		
									Unknown compound 637		.4	UGG	S		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	SMV1/S		Unknown compound 644		.4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*10	0.0	31-AUG-95	ES	SNBGS*10	VMS2/S	79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	9071/S		Total petroleum hydrocarbons	LT	20.7	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.28	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		2.28	UGG			
							GPB1/S	7439-92-1	Lead		12	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.413	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	HBG1/S	94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		10400	UGG			
								7439-89-6	Iron		21500	UGG			
								7439-95-4	Magnesium		32300	UGG			
								7439-96-5	Manganese		896	UGG			
								7440-02-0	Nickel		37	UGG			
								7440-09-7	Potassium		1550	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		478	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		49	UGG			
								7440-41-7	Beryllium		1.11	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		17.9	UGG		I	
								7440-48-4	Cobalt		14.3	UGG			
								7440-50-8	Copper		26.3	UGG		I	
								7440-62-2	Vanadium		22.7	UGG			
								7440-66-6	Zinc		58.5	UGG			
								7440-70-2	Calcium		44200	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	PST1/S	53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.24	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	SMV1/S	205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	SMV1/S	98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 518		1	UGG	S		
									Unknown compound 592		.7	UGG	S		
									Unknown compound 619		5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*11	6.0	31-AUG-95	ES	SNBGS*11	VMS2/S	75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	9071/S		Total petroleum hydrocarbons		48.2	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.51	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.7	UGG			
							GPB1/S	7439-92-1	Lead		12	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.341	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	HBG1/S	88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7910	UGG			
								7439-89-6	Iron		17700	UGG			
								7439-95-4	Magnesium		35400	UGG			
								7439-96-5	Manganese		531	UGG			
								7440-02-0	Nickel		26	UGG			
								7440-09-7	Potassium		1420	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		555	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		15.3	UGG		I	
								7440-48-4	Cobalt		15.3	UGG			
								7440-50-8	Copper		20.1	UGG		I	
								7440-62-2	Vanadium		18.9	UGG			
								7440-66-6	Zinc		55.5	UGG			
								7440-70-2	Calcium		64900	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	PST1/S	319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.17	UGG	JP		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								544-76-3	Hexadecane		.59	UGG	S		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-45-3	Octadecane		.35	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-62-9	Pentadecane		.35	UGG	S		
								629-78-7	Heptadecane		.35	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	SMV1/S	88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 518		.7	UGG	S		
									Unknown compound 597		.5	UGG	S		
									Unknown compound 619		1	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-6X	SNBGS*12	10.0	31-AUG-95	ES	SNBGS*12	VMS2/S	74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGS-7X	NBGSL*16	0.0	05-SEP-95	ES	NBGSL*16	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*17	6.0	05-SEP-95	ES	NBGSL*17	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*18	12.0	05-SEP-95	ES	NBGSL*18	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	9071/S		Total petroleum hydrocarbons		393	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.38	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.82	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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BORE	BGS-7X	SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	GPB1/S	7439-92-1	Lead		19	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.368	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7860	UGG			
								7439-89-6	Iron		13700	UGG			
								7439-95-4	Magnesium		22800	UGG			
								7439-96-5	Manganese		387	UGG			
								7440-02-0	Nickel		17.1	UGG			
								7440-09-7	Potassium		1480	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		535	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium		.786	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		13.7	UGG		I	
								7440-48-4	Cobalt		6.15	UGG			
								7440-50-8	Copper		14.8	UGG		I	
								7440-62-2	Vanadium		18.2	UGG			
								7440-66-6	Zinc		46.7	UGG			
								7440-70-2	Calcium		38700	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	PST1/S	1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		1.37 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*		5.58 E -3	UGG	C		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		3.76 E -3	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		7.52 E -3	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	SMV1/S	106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene		.42	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								192-97-2	Benzo[e]pyrine		.68	UGG	S		
								193-39-5	Indeno[1,2,3-C,D]pyrene		.19	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		.19	UGG			
								206-44-0	Fluoranthene		.48	UGG			
								207-08-9	Benzo[k]fluoranthene		.3	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene		.3	UGG			
								50-32-8	Benzo[a]pyrene		.24	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene		.24	UGG			
								57-10-3	Palmitic acid / Hexadecanoic acid		.46	UGG	S		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-49-7	Heptacosane		.34	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	SMV1/S	84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene		.22	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		.9	UGG	S		
									Unknown compound 524		.8	UGG	S		
									Unknown compound 619		.8	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*16	0.0	01-SEP-95	ES	SNBGS*16	VMS2/S	124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.28	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	EXL1/S	98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		5.91	UGG			
							GPB1/S	7439-92-1	Lead		15	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.396	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		10600	UGG			
								7439-89-6	Iron		19500	UGG			
								7439-95-4	Magnesium		17100	UGG			
								7439-96-5	Manganese		573	UGG			
								7440-02-0	Nickel		26.8	UGG			
								7440-09-7	Potassium		1950	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		939	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	ICP1/S	7440-41-7	Beryllium		1.02	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		18.3	UGG		I	
								7440-48-4	Cobalt		13.4	UGG			
								7440-50-8	Copper		18.3	UGG		I	
								7440-62-2	Vanadium		25.6	UGG			
								7440-66-6	Zinc		58.5	UGG			
								7440-70-2	Calcium		22000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		3.90 E -3	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		3.90 E -3	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	PST1/S	8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.26	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	SMV1/S	621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		5	UGG	S		
									Unknown compound 657		2	UGG	S		
									Unknown compound 669		.5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1							

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Final Documentation Appendix Report
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File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*17	6.0	01-SEP-95	ES	SNBGS*17	VMS2/S	108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	9071/S		Total petroleum hydrocarbons		57.3	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	EXL1/S	2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.28	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		5.28	UGG			
							GPB1/S	7439-92-1	Lead		9.9	UGG			
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.385	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7490	UGG			
								7439-89-6	Iron		14800	UGG			
								7439-95-4	Magnesium		36300	UGG			
								7439-96-5	Manganese		443	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	ICP1/S	7440-02-0	Nickel		20.4	UGG			
								7440-09-7	Potassium		1700	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		749	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium		.681	UGG		I	
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		13.6	UGG		I	
								7440-48-4	Cobalt		9.19	UGG			
								7440-50-8	Copper		18.2	UGG		I	
								7440-62-2	Vanadium		17	UGG			
								7440-66-6	Zinc		36.3	UGG			
								7440-70-2	Calcium		67000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	PST1/S	72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								112-40-3	Dodecane		.91	UGG	S		
								112-95-8	Eicosane		.57	UGG	S		
								1120-21-4	Undecane / Hendecane		.68	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate		.17	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								124-18-5	Decane		.34	UGG	S		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	SMV1/S	50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								544-76-3	Hexadecane		1.1	UGG	S		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-45-3	Octadecane		.79	UGG	S		
								593-49-7	Heptacosane		.45	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		1.1	UGG	S		
								629-59-4	Tetradecane		1.1	UGG	S		
								629-62-9	Pentadecane		1	UGG	S		
								629-78-7	Heptadecane		1	UGG	S		
								629-92-5	Nonadecane		.68	UGG	S		
								629-94-7	Heneicosane		.57	UGG	S		
								629-97-0	Docosane		.57	UGG	S		
								630-01-3	Hexacosane		.34	UGG	S		
								630-03-5	Nonacosane		.34	UGG	S		
								638-67-5	Tricosane / n-Tricosane		.45	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate		.19	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	SMV1/S	91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 537		.3	UGG	S		
									Unknown compound 545		.3	UGG	S		
									Unknown compound 563		.7	UGG	S		
									Unknown compound 567		.3	UGG	S		
									Unknown compound 568		.5	UGG	S		
									Unknown compound 578		.5	UGG	S		
									Unknown compound 584		.7	UGG	S		
									Unknown compound 585		.3	UGG	S		
									Unknown compound 594		.3	UGG	S		
									Unknown compound 597		1	UGG	S		
									Unknown compound 601		.8	UGG	S		
									Unknown compound 603		.3	UGG	S		
									Unknown compound 610		.3	UGG	S		
									Unknown compound 619		6	UGG	S		
									Unknown compound 637		.5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*18	12.0	01-SEP-95	ES	SNBGS*18	VMS2/S	127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	9045/S		pH		8.74		D		
							9060/S		Total organic carbon		43100	UGG	D		
							9071/S		Total petroleum hydrocarbons	LT	27.4	UGG	D		
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG	D		
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG	D		
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG	D		
								610-39-9	3,4-Dinitrotoluene		4.44	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	EXL1/S	88-72-2	2-Nitrotoluene	LT	.5	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG	D		
								99-08-1	3-Nitrotoluene	LT	.5	UGG	D		
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG	D	JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG	D		
								99-99-0	4-Nitrotoluene	LT	.5	UGG	D		
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG	D		
									4-Amino-2,6dinitrotoluene	LT	.25	UGG	D		
							GAS1/S	7440-38-2	Arsenic		6.1	UGG	D	I	
							GPB1/S	7439-92-1	Lead		9.78	UGG	D	I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG	D		
							GTL1/S	7440-28-0	Thallium		1	UGG	D		
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG	D	PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG	D	PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG	D	PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG	D	PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG	D	PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG	D	PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG	D	PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG	D	PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG	D	PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG	D	PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG	D		
							ICP1/S	7429-90-5	Aluminum		8840	UGG	D		
								7439-89-6	Iron		16100	UGG	D		
								7439-95-4	Magnesium		39000	UGG	D		
								7439-96-5	Manganese		459	UGG	D		
								7440-02-0	Nickel		21.8	UGG	D		
								7440-09-7	Potassium		2180	UGG	D		
								7440-22-4	Silver	LT	.5	UGG	D		
								7440-23-5	Sodium		586	UGG	D		
								7440-36-0	Antimony	LT	5	UGG	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	ICP1/S	7440-39-3	Barium	LT	39.8	UGG	D		
								7440-41-7	Beryllium	LT	.5	UGG	D		
								7440-43-9	Cadmium	LT	.5	UGG	D		
								7440-47-3	Chromium		14.9	UGG	D		
								7440-48-4	Cobalt		8.96	UGG	D		
								7440-50-8	Copper		18.4	UGG	D		
								7440-62-2	Vanadium		18.4	UGG	D		
								7440-66-6	Zinc		41.3	UGG	D		
								7440-70-2	Calcium		70000	UGG	D		
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG	D		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG	D		
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG	D		
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG	D		
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG	D		
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG	D		
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG	D		
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG	D		
								309-00-2	Aldrin	LT	3.00 E -3	UGG	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG	D		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG	D		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG	D		
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG	D		
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG	D		
								57-74-9	Chlordane	LT	2.00 E -2	UGG	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG	D		
								60-57-1	Dieldrin	LT	3.00 E -3	UGG	D		
								72-20-8	Endrin	LT	3.00 E -3	UGG	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG	D		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG	D		
								76-44-8							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	PST1/S	76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG	D		
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG	D		
								100-02-7	4-Nitrophenol	LT	1.4	UGG	D		
								100-51-6	Benzyl alcohol	LT	.14	UGG	D		
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG	D		
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG	D		
								106-47-8	4-Chloroaniline	LT	.3	UGG	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG	D		
								112-40-3	Dodecane		.69	UGG	SD		
								1120-21-4	Undecane / Hendecane		.57	UGG	SD		
								117-81-7	Bis(2-ethylhexyl) phthalate		.28	UGG	D		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG	D		
								118-74-1	Hexachlorobenzene	LT	.14	UGG	D		
								120-12-7	Anthracene	LT	.14	UGG	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG	D		
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG	D		
								124-18-5	Decane		.34	UGG	SD		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG	D		
								131-11-3	Dimethyl phthalate	LT	.14	UGG	D		
								132-64-9	Dibenzofuran	LT	.14	UGG	D		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG	D		
								206-44-0	Fluoranthene	LT	.14	UGG	D		
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG	D		
								208-96-8	Acenaphthylene	LT	.14	UGG	D		
								218-01-9	Chrysene	LT	.14	UGG	D		
								50-32-8	Benzo[a]pyrene	LT	.14	UGG	D		
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	SMV1/S	541-73-1	1,3-Dichlorobenzene	LT	.14	UGG	D		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG	D		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG	D		
								593-45-3	Octadecane		.46	UGG	SD		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG	D		
								629-50-5	Tridecane		.69	UGG	SD		
								629-59-4	Tetradecane		.8	UGG	SD		
								629-62-9	Pentadecane		.57	UGG	SD		
								629-78-7	Heptadecane		.57	UGG	SD		
								629-92-5	Nonadecane		.34	UGG	SD		
								638-67-5	Tricosane / n-Tricosane		.34	UGG	SD		
								65-85-0	Benzoic acid	LT	1.4	UGG	D		
								67-72-1	Hexachloroethane	LT	.14	UGG	D		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG	D		
								78-59-1	Isophorone	LT	.14	UGG	D		
								83-32-9	Acenaphthene	LT	.14	UGG	D		
								84-66-2	Diethyl phthalate	LT	.14	UGG	D		
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG	D		
								85-01-8	Phenanthrene	LT	.14	UGG	D		
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG	D		
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG	D		
								87-86-5	Pentachlorophenol	LT	.67	UGG	D		
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG	D		
								88-74-4	2-Nitroaniline	LT	.67	UGG	D		
								88-75-5	2-Nitrophenol	LT	.14	UGG	D		
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG	D		
								91-57-6	2-Methylnaphthalene	LT	.14	UGG	D		
								91-58-7	2-Chloronaphthalene	LT	.14	UGG	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG	D		
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG	D		
								95-57-8	2-Chlorophenol	LT	.14	UGG	D		
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG	D		
								99-09-2	3-Nitroaniline	LT	.67	UGG	D		
									4-Bromophenyl phenyl ether	LT	.14	UGG	D		
									4-Chlorophenyl phenyl ether	LT	.14	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	SMV1/S		Unknown compound 524		.5	UGG	SD		
									Unknown compound 536		.3	UGG	SD		
									Unknown compound 563		.3	UGG	SD		
									Unknown compound 584		.3	UGG	SD		
									Unknown compound 592		1	UGG	SD		
									Unknown compound 597		.9	UGG	SD		
									Unknown compound 601		.3	UGG	SD		
									Unknown compound 619		1	UGG	SD		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG	D		
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG	D		
								108-88-3	Toluene	LT	1.0 E -2	UGG	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG	D		
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG	D		
								67-64-1	Acetone		1.5 E -2	UGG	D		
								67-66-3	Chloroform	LT	1.0 E -2	UGG	D		
								71-43-2	Benzene	LT	1.0 E -2	UGG	D		
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG	D		
								74-83-9	Bromomethane	LT	1.0 E -2	UGG	D		
								74-87-3	Chloromethane	LT	1.0 E -2	UGG	D		
								75-00-3	Chloroethane	LT	1.0 E -2	UGG	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG	D		
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG	D		
								75-25-2	Bromoform	LT	1.0 E -2	UGG	D		
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG	D		
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG	D		
								75-35-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-7X	SNBGS*34	12.0	01-SEP-95	ES	SNBGS*34	VMS2/S	75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG	D		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG	D		
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG	D		
									Xylenes, total combined	LT	1.0 E -2	UGG	D		
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
	BGS-8X	NBGSL*22	0.0	05-SEP-95	ES	NBGSL*22	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*23	3.5	05-SEP-95	ES	NBGSL*23	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		NBGSL*24	10.0	05-SEP-95	ES	NBGSL*24	ICP1/W	7439-92-1	Lead	LT	50	UGL			
		SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.53	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		9	UGG		I	
							GPB1/S	7439-92-1	Lead		19	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.575	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	HBG1/S	7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		11900	UGG			
								7439-89-6	Iron		26300	UGG			
								7439-95-4	Magnesium		4300	UGG			
								7439-96-5	Manganese		442	UGG			
								7440-02-0	Nickel		22.7	UGG			
								7440-09-7	Potassium		1020	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		514	UGG			
								7440-36-0	Antimony		6.45	UGG			
								7440-39-3	Barium		53.8	UGG			
								7440-41-7	Beryllium		1.31	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		20.3	UGG			
								7440-48-4	Cobalt		11.5	UGG			
								7440-50-8	Copper		26.3	UGG			
								7440-62-2	Vanadium		29.9	UGG			
								7440-66-6	Zinc		65.7	UGG			
								7440-70-2	Calcium		2990	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	PST1/S	309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	SMV1/S	117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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BORE	BGS-8X	SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	SMV1/S	88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		.4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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BORE	BGS-8X	SNBGS*22	0.0	30-AUG-95	ES	SNBGS*22	VMS2/S	74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.48	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		6.4	UGG		I	
							GPB1/S	7439-92-1	Lead		9.59	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.703	UGG			
							HBG1/S	120-36-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		4930	UGG			
								7439-89-6	Iron		13800	UGG			
								7439-95-4	Magnesium		26400	UGG			
								7439-96-5	Manganese		528	UGG			
								7440-02-0	Nickel		17.2	UGG			
								7440-09-7	Potassium		1030	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		436	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		9.17	UGG			
								7440-48-4	Cobalt		5.85	UGG			
								7440-50-8	Copper		19.5	UGG			
								7440-62-2	Vanadium		12.6	UGG			
								7440-66-6	Zinc		51.6	UGG			
								7440-70-2	Calcium		39000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	PST1/S	11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	SMV1/S	108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	SMV1/S	86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		.8	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*23	3.5	30-AUG-95	ES	SNBGS*23	VMS2/S	67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	9071/S		Total petroleum hydrocarbons	LT	20.8	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.33	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	GAS1/S	7440-38-2	Arsenic		6.1	UGG		I	
							GPB1/S	7439-92-1	Lead		12	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		1.02	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG			
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		9990	UGG			
								7439-89-6	Iron		16300	UGG			
								7439-95-4	Magnesium		36000	UGG			
								7439-96-5	Manganese		441	UGG			
								7440-02-0	Nickel		22.1	UGG			
								7440-09-7	Potassium		2560	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		523	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		17.4	UGG			
								7440-48-4	Cobalt		9.52	UGG			
								7440-50-8	Copper		18.6	UGG			
								7440-62-2	Vanadium		20.9	UGG			
								7440-66-6	Zinc		58.1	UGG			
								7440-70-2	Calcium		66200	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	SMV1/S	106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	SMV1/S	85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 592		.3	UGG	S		
									Unknown compound 619		5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-8X	SNBGS*24	10.0	30-AUG-95	ES	SNBGS*24	VMS2/S	540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	9071/S		Total petroleum hydrocarbons	LT	20.7	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.26	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	EXL1/S	99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		6.6	UGG		I	
							GPB1/S	7439-92-1	Lead		13	UGG		I	
							GSE1/S	7782-49-2	Selenium		.317	UGG			
							GTL1/S	7440-28-0	Thallium	LT	.25	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		12200	UGG			
								7439-89-6	Iron		19500	UGG			
								7439-95-4	Magnesium		3790	UGG			
								7439-96-5	Manganese		293	UGG			
								7440-02-0	Nickel		14.7	UGG			
								7440-09-7	Potassium		1590	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		781	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		59.8	UGG			
								7440-41-7	Beryllium		.635	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		19.5	UGG			
								7440-48-4	Cobalt		5.62	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	ICP1/S	7440-50-8	Copper		14.7	UGG			
								7440-62-2	Vanadium		33	UGG			
								7440-66-6	Zinc		42.7	UGG			
								7440-70-2	Calcium		1340	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	SMV1/S	100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.17	UGG	JP		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	SMV1/S	78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*25	0.0	31-AUG-95	ES	SNBGS*25	VMS2/S	124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
		SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	9071/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
									Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.3	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	EXL1/S	98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		5.48	UGG		I	
							GPB1/S	7439-92-1	Lead		9.04	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.784	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		4800	UGG			
								7439-89-6	Iron		12000	UGG			
								7439-95-4	Magnesium		33600	UGG			
								7439-96-5	Manganese		420	UGG			
								7440-02-0	Nickel		16.8	UGG			
								7440-09-7	Potassium		1140	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		480	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	ICP1/S	7440-41-7	Beryllium		.6	UGG	JP		
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		8.87	UGG			
								7440-48-4	Cobalt		4.08	UGG			
								7440-50-8	Copper		13.2	UGG			
								7440-62-2	Vanadium		13.2	UGG			
								7440-66-6	Zinc		57.6	UGG			
								7440-70-2	Calcium		55200	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	PST1/S	8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	SMV1/S	621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		.7	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*26	6.0	31-AUG-95	ES	SNBGS*26	VMS2/S	108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	9071/S		Total petroleum hydrocarbons	LT	20.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG		K	
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG		K	
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG		K	
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG		K	
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG		K	

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BORE	BGS-9X	SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	EXL1/S	606-20-2	2,6-Dinitrotoluene	LT	.2	UGG		K	
								610-39-9	3,4-Dinitrotoluene		4.23	UGG		K	
								88-72-2	2-Nitrotoluene	LT	.5	UGG		K	
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG		K	
								99-08-1	3-Nitrotoluene	LT	.5	UGG		K	
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		KJR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		K	
								99-99-0	4-Nitrotoluene	LT	.5	UGG		K	
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG		K	
									4-Amino-2,6dinitrotoluene	LT	.25	UGG		K	
							GAS1/S	7440-38-2	Arsenic		7.7	UGG		I	
							GPB1/S	7439-92-1	Lead		13	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		1.12	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		7930	UGG			
								7439-89-6	Iron		15600	UGG			
								7439-95-4	Magnesium		38500	UGG			
								7439-96-5	Manganese		469	UGG			
								7440-02-0	Nickel		22.8	UGG			
								7440-09-7	Potassium		1800	UGG			
								7440-22-4	Silver	LT	.5	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	ICP1/S	7440-23-5	Sodium		553	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		14.4	UGG			
								7440-48-4	Cobalt		8.89	UGG			
								7440-50-8	Copper		19.2	UGG			
								7440-62-2	Vanadium		18	UGG			
								7440-66-6	Zinc		49.3	UGG			
								7440-70-2	Calcium		68500	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	3.00 E -3	UGG			
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	PST1/S	7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	SMV1/S	59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 619		.5	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
BORE	BGS-9X	SNBGS*27	13.0	31-AUG-95	ES	SNBGS*27	VMS2/S	108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	9045/S		pH		7.75				
							9060/S		Total organic carbon		37400	UGG			
							9071/S		Total petroleum hydrocarbons	LT	20.7	UGG			
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	EXL1/S	121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.47	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		4.7	UGG		I	
							GPB1/S	7439-92-1	Lead		36	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.352	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury		.135	UGG			
							ICP1/S	7429-90-5	Aluminum		8090	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	ICP1/S	7439-89-6	Iron		12800	UGG			
								7439-95-4	Magnesium		2310	UGG			
								7439-96-5	Manganese		911	UGG			
								7440-02-0	Nickel		14.1	UGG			
								7440-09-7	Potassium		963	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		449	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		84.7	UGG			
								7440-41-7	Beryllium		1.08	UGG			
								7440-43-9	Cadmium		1	UGG			
								7440-47-3	Chromium		14.1	UGG			
								7440-48-4	Cobalt		8.09	UGG			
								7440-50-8	Copper		18	UGG			
								7440-62-2	Vanadium		20.5	UGG			
								7440-66-6	Zinc		80.9	UGG			
								7440-70-2	Calcium		3210	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		1.14 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	PST1/S	72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	3.00 E -3	UGG			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		2.18 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.33	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene		.55	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene		.18	UGG	JP		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		.3	UGG			
								206-44-0	Fluoranthene		.68	UGG			
								207-08-9	Benzo[k]fluoranthene		.26	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene		.36	UGG			
								50-32-8	Benzo[a]pyrene		.28	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

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SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	SMV1/S	53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene		.3	UGG			
								57-10-3	Palmitic acid / Hexadecanoic acid		.39	UGG	S		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								593-49-7	Heptacosane		.51	UGG	S		
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								83-47-6	gamma-Sitosterol / (3beta,24S)-Stigmast-5-en-3-ol / Cliona*		.39	UGG	S		
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene		.32	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

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SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	SMV1/S		4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 520		.5	UGG	S		
									Unknown compound 631		3	UGG	S		
									Unknown compound 635		.6	UGG	S		
									Unknown compound 636		.6	UGG	S		
									Unknown compound 653		.6	UGG	S		
									Unknown compound 654		1	UGG	S		
									Unknown compound 657		.4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSO
Sampling Date Range: 01-JAN-75 19-MAY-97

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SURF	BGSS-10	SNBGS*39	0.0	01-SEP-95	ES	SNBGS*39	VMS2/S	75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			

** End of Report - 6010 Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Appendix E

Sediment Background Data

(Final Validated IRDMIS Data)

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	PST1/S	58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		2.09 E -2	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		1.31 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	3	UGG			
								100-02-7	4-Nitrophenol	LT	7	UGG			
								100-51-6	Benzyl alcohol	LT	.7	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.7	UGG			
								10544-50-0	Sulfur, molecular/ Molecular sulfur		4	UGG	S		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.7	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.7	UGG			
								106-47-8	4-Chloroaniline	LT	2	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.7	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.7	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.7	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.7	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		2	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.7	UGG			
								118-74-1	Hexachlorobenzene	LT	.7	UGG			
								120-12-7	Anthracene	LT	.7	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.7	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.7	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.7	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene		4	UGG			
								131-11-3	Dimethyl phthalate	LT	.7	UGG			
								132-64-9	Dibenzofuran	LT	.7	UGG			
								191-24-2	Benzo[ghi]perylene		1	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene		1	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		2	UGG			
								206-44-0	Fluoranthene		5	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	SMV1/S	207-08-9	Benzo[k]fluoranthene		1	UGG			
								208-96-8	Acenaphthylene	LT	.7	UGG			
								218-01-9	Chrysene		2	UGG			
								50-32-8	Benzo[a]pyrene		2	UGG			
								51-28-5	2,4-Dinitrophenol	LT	7	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.8	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	7	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.7	UGG			
								56-55-3	Benzo[a]anthracene		2	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.7	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.7	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.7	UGG			
								65-85-0	Benzoic acid	LT	7	UGG			
								67-72-1	Hexachloroethane	LT	.7	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	5	UGG			
								78-59-1	Isophorone	LT	.7	UGG			
								83-32-9	Acenaphthene	LT	.7	UGG			
								84-66-2	Diethyl phthalate	LT	.7	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.7	UGG			
								85-01-8	Phenanthrene		4	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.7	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.7	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.7	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.7	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.7	UGG			
								87-86-5	Pentachlorophenol	LT	3	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGG			
								88-74-4	2-Nitroaniline	LT	3	UGG			
								88-75-5	2-Nitrophenol	LT	.7	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.7	UGG			
								91-57-6	2-Methylnaphthalene	LT	.7	UGG			
								91-58-7	2-Chloronaphthalene	LT	.7	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	3	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.7	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.7	UGG			
								95-57-8	2-Chlorophenol	LT	.7	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.7	UGG			
								99-09-2	3-Nitroaniline	LT	3	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	SMV1/S		4-Bromophenyl phenyl ether	LT	.7	UGG			
									4-Chlorophenyl phenyl ether	LT	.7	UGG			
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								75-69-4	Trichlorofluoromethane		6.5 E -3	UGG	S		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6							

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	VMS2/S	79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	9071/S		trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
									Total petroleum hydrocarbons	LT	27.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.41	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG			
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG		JR	
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		9.3	UGG		I	
							GPB1/S	7439-92-1	Lead		10	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		1.39	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	HBG1/S	93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		6460	UGG			
								7439-89-6	Iron		18600	UGG			
								7439-95-4	Magnesium		49700	UGG			
								7439-96-5	Manganese		683	UGG			
								7440-02-0	Nickel		18.6	UGG			
								7440-09-7	Potassium		1370	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		534	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		10.7	UGG			
								7440-48-4	Cobalt		8.7	UGG			
								7440-50-8	Copper		17.4	UGG			
								7440-62-2	Vanadium		23.6	UGG			
								7440-66-6	Zinc		36	UGG			
								7440-70-2	Calcium		82000	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide		1.24 E -2	UGG	C		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	PST1/S	50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		6.46 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane		9.19 E -3	UGG	C		
								57-74-9	Chlordane		3.98 E -2	UGG	C		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		4.72 E -2	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		4.72 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								10544-50-0	Sulfur, molecular/ Molecular sulfur		2.5	UGG	S		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								112-40-3	Dodecane		.5	UGG	S		
								1120-21-4	Undecane / Hendecane		.5	UGG	S		
								117-81-7	Bis(2-ethylhexyl) phthalate		.31	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	SMV1/S	121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								544-76-3	Hexadecane		.37	UGG	S		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		.62	UGG	S		
								629-59-4	Tetradecane		.62	UGG	S		
								629-62-9	Pentadecane		.5	UGG	S		
								629-78-7	Heptadecane		.5	UGG	S		
								630-03-5	Nonacosane		.37	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	SMV1/S	87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			
									4-Chlorophenyl phenyl ether	LT	.14	UGG			
									Unknown compound 563		.4	UGG	S		
									Unknown compound 584		.4	UGG	S		
									Unknown compound 597		.9	UGG	S		
									Unknown compound 601		.4	UGG	S		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			

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Final Documentation Appendix Report
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*30	0.0	01-SEP-95	ES	SNBGS*30	VMS2/S	67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
		SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	9045/S		pH		8.63		D		
							9060/S		Total organic carbon		24500	UGG	D		
							9071/S		Total petroleum hydrocarbons	LT	27.8	UGG	D		
							CYN1/S	57-12-5	Cyanide	LT	.25	UGG	D		
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG	D		
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG	D		
								610-39-9	3,4-Dinitrotoluene		4.35	UGG	D		
								88-72-2	2-Nitrotoluene	LT	.5	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG	D		
								99-08-1	3-Nitrotoluene	LT	.5	UGG	D		
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG	D	JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG	D		
								99-99-0	4-Nitrotoluene	LT	.5	UGG	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	EXL1/S		2-Amino-4,6-dinitrotoluene	LT	.25	UGG	D		
									4-Amino-2,6dinitrotoluene	LT	.25	UGG	D		
							GAS1/S	7440-38-2	Arsenic		9.8	UGG	D	I	
							GPB1/S	7439-92-1	Lead		14	UGG	D	I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG	D		
							GTL1/S	7440-28-0	Thallium		.837	UGG	D		
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG	D	PNJR	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG	D	PN	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG	D	PN	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG	D	PN	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG	D	PN	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG	D	PNJ	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG	D	PN	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG	D	PN	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG	D	PN	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG	D	PN	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG	D		
							ICP1/S	7429-90-5	Aluminum		6400	UGG	D		
								7439-89-6	Iron		18100	UGG	D		
								7439-95-4	Magnesium		39900	UGG	D		
								7439-96-5	Manganese		1090	UGG	D		
								7440-02-0	Nickel		22.9	UGG	D		
								7440-09-7	Potassium		1210	UGG	D		
								7440-22-4	Silver	LT	.5	UGG	D		
								7440-23-5	Sodium		459	UGG	D		
								7440-36-0	Antimony	LT	5	UGG	D		
								7440-39-3	Barium		59.2	UGG	D		
								7440-41-7	Beryllium	LT	.5	UGG	D		
								7440-43-9	Cadmium	LT	.5	UGG	D		
								7440-47-3	Chromium		12.1	UGG	D		
								7440-48-4	Cobalt		11.7	UGG	D		
								7440-50-8	Copper		16.9	UGG	D		
								7440-62-2	Vanadium		19.3	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	ICP1/S	7440-66-6	Zinc		43.5	UGG	D		
								7440-70-2	Calcium		65200	UGG	D		
							PST1/S	1024-57-3	Heptachlor epoxide		4.95 E -3	UGG	CD		
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG	D		
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG	D		
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG	D		
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG	D		
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG	D		
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG	D		
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG	D		
								309-00-2	Aldrin	LT	3.00 E -3	UGG	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		4.35 E -2	UGG	CD		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG	D		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG	D		
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG	D		
								5566-34-7	gamma-Chlordane		5.43 E -3	UGG	CD		
								57-74-9	Chlordane	LT	2.00 E -2	UGG	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG	D		
								60-57-1	Dieldrin	LT	3.00 E -3	UGG	D		
								72-20-8	Endrin	LT	3.00 E -3	UGG	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		2.17 E -2	UGG	CD		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		2.05 E -2	UGG	CD		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG	D		
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG	D		
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG	D		
								100-02-7	4-Nitrophenol	LT	1.4	UGG	D		
								100-51-6	Benzyl alcohol	LT	.14	UGG	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	SMV1/S	105-67-9	2,4-Dimethylphenol	LT	.14	UGG	D		
								10544-50-0	Sulfur, molecular/ Molecular sulfur		1.2	UGG	SD		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG	D		
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG	D		
								106-47-8	4-Chloroaniline	LT	.3	UGG	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG	D		
								112-40-3	Dodecane		.48	UGG	SD		
								1120-21-4	Undecane / Hendecane		.48	UGG	SD		
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.14	UGG	D		
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG	D		
								118-74-1	Hexachlorobenzene	LT	.14	UGG	D		
								120-12-7	Anthracene	LT	.14	UGG	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG	D		
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG	D		
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG	D		
								124-18-5	Decane		.36	UGG	SD		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG	D		
								131-11-3	Dimethyl phthalate	LT	.14	UGG	D		
								132-64-9	Dibenzofuran	LT	.14	UGG	D		
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG	D		
								206-44-0	Fluoranthene	LT	.14	UGG	D		
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG	D		
								208-96-8	Acenaphthylene	LT	.14	UGG	D		
								218-01-9	Chrysene	LT	.14	UGG	D		
								50-32-8	Benzo[a]pyrene	LT	.14	UGG	D		
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG	D		
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG	D		
								544-76-3	Hexadecane		.48	UGG	SD		
								56-55-3	Benzo[a]anthracene	LT	.14	UGG	D		
								57-10-3	Palmitic acid / Hexadecanoic acid		.48	UGG	SD		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG	D		
								593-45-3	Octadecane		.36	UGG	SD		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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CREK	BGSD-2	SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	SMV1/S	606-20-2	2,6-Dinitrotoluene	LT	.14	UGG	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG	D		
								629-50-5	Tridecane		.48	UGG	SD		
								629-59-4	Tetradecane		.48	UGG	SD		
								629-62-9	Pentadecane		.48	UGG	SD		
								629-78-7	Heptadecane		.36	UGG	SD		
								65-85-0	Benzoic acid	LT	1.4	UGG	D		
								67-72-1	Hexachloroethane	LT	.14	UGG	D		
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG	D		
								78-59-1	Isophorone	LT	.14	UGG	D		
								83-32-9	Acenaphthene	LT	.14	UGG	D		
								84-66-2	Diethyl phthalate	LT	.14	UGG	D		
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG	D		
								85-01-8	Phenanthrene	LT	.14	UGG	D		
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG	D		
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG	D		
								87-86-5	Pentachlorophenol	LT	.67	UGG	D		
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG	D		
								88-74-4	2-Nitroaniline	LT	.67	UGG	D		
								88-75-5	2-Nitrophenol	LT	.14	UGG	D		
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG	D		
								91-57-6	2-Methylnaphthalene	LT	.14	UGG	D		
								91-58-7	2-Chloronaphthalene	LT	.14	UGG	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG	D		
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG	D		
								95-57-8	2-Chlorophenol	LT	.14	UGG	D		
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG	D		
								99-09-2	3-Nitroaniline	LT	.67	UGG	D		
									4-Bromophenyl phenyl ether	LT	.14	UGG	D		
									4-Chlorophenyl phenyl ether	LT	.14	UGG	D		
									Unknown compound 563		.4	UGG	SD		
									Unknown compound 597		.6	UGG	SD		
									Unknown compound 601		.4	UGG	SD		
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG	D		
								10061-01-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-2	SNBGS*37	0.0	01-SEP-95	ES	SNBGS*37	VMS2/S	10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG	D		
								108-88-3	Toluene	LT	1.0 E -2	UGG	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG	D		
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG	D		
								67-64-1	Acetone	LT	1.0 E -2	UGG	D		
								67-66-3	Chloroform	LT	1.0 E -2	UGG	D		
								71-43-2	Benzene	LT	1.0 E -2	UGG	D		
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG	D		
								74-83-9	Bromomethane	LT	1.0 E -2	UGG	D		
								74-87-3	Chloromethane	LT	1.0 E -2	UGG	D		
								75-00-3	Chloroethane	LT	1.0 E -2	UGG	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG	D		
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG	D		
								75-25-2	Bromoform	LT	1.0 E -2	UGG	D		
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG	D		
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG	D		
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG	D		
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG	D		
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG	D		
									Xylenes, total combined	LT	1.0 E -2	UGG	D		
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG	D		
	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	9071/S		Total petroleum hydrocarbons		54.3	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.29	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		7.2	UGG		I	
							GPB1/S	7439-92-1	Lead		9.17	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.376	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		3670	UGG			
								7439-89-6	Iron		11700	UGG			
								7439-95-4	Magnesium		31500	UGG			
								7439-96-5	Manganese		537	UGG			
								7440-02-0	Nickel		12.8	UGG			
								7440-09-7	Potassium		839	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		419	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		6.42	UGG			
								7440-48-4	Cobalt		6.03	UGG			
								7440-50-8	Copper		13	UGG			
								7440-62-2	Vanadium		10.7	UGG			
								7440-66-6	Zinc		34.1	UGG			
								7440-70-2	Calcium		52400	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		5.24 E -2	UGG	C		
								5103-71-9	alpha-Chlordane		6.55 E -3	UGG	C		
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane		6.55 E -3	UGG	C		
								57-74-9	Chlordane		5.24 E -2	UGG	C		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*		7.60 E -3	UGG	C		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	PST1/S	60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		.19	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		3.28 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								10544-50-0	Sulfur, molecular/ Molecular sulfur		1.3	UGG	S		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.38	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	SMV1/S	218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								629-50-5	Tridecane		.39	UGG	S		
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	.3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.14	UGG			
								99-09-2	3-Nitroaniline	LT	.67	UGG			
									4-Bromophenyl phenyl ether	LT	.14	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	SMV1/S		4-Chlorophenyl phenyl ether	LT	.14	UGG			
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-3	SNBGS*31	0.0	01-SEP-95	ES	SNBGS*31	VMS2/S	79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGSD-4	NBGSL*32	0.0	11-SEP-95	ES	NBGSL*32	ICP1/W	7439-92-1	Lead	LT	50	UGL	D		
		SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	9071/S		Total petroleum hydrocarbons	LT	27.6	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.46	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		14	UGG		I	
							GPB1/S	7439-92-1	Lead		8.03	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.536	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-4	SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	HBG1/S	94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		2580	UGG			
								7439-89-6	Iron		10100	UGG			
								7439-95-4	Magnesium		34000	UGG			
								7439-96-5	Manganese		469	UGG			
								7440-02-0	Nickel		9.85	UGG			
								7440-09-7	Potassium		657	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		410	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		6.68	UGG			
								7440-48-4	Cobalt		4.92	UGG			
								7440-50-8	Copper		9.26	UGG			
								7440-62-2	Vanadium		19.9	UGG			
								7440-66-6	Zinc		30.5	UGG			
								7440-70-2	Calcium		58600	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		9.03 E -3	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-4	SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	PST1/S	53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		1.52 E -2	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		3.63 E -3	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	.67	UGG			
								100-02-7	4-Nitrophenol	LT	1.4	UGG			
								100-51-6	Benzyl alcohol	LT	.14	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.14	UGG			
								10544-50-0	Sulfur, molecular/ Molecular sulfur		.47	UGG	S		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.14	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.14	UGG			
								106-47-8	4-Chloroaniline	LT	.3	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.14	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.14	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.14	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.14	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate		.28	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.14	UGG			
								118-74-1	Hexachlorobenzene	LT	.14	UGG			
								120-12-7	Anthracene	LT	.14	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.14	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.14	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.14	UGG			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.14	UGG			
								131-11-3	Dimethyl phthalate	LT	.14	UGG			
								132-64-9	Dibenzofuran	LT	.14	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.16	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-4	SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	SMV1/S	193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.16	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.14	UGG			
								206-44-0	Fluoranthene	LT	.14	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.14	UGG			
								208-96-8	Acenaphthylene	LT	.14	UGG			
								218-01-9	Chrysene	LT	.14	UGG			
								50-32-8	Benzo[a]pyrene	LT	.14	UGG			
								51-28-5	2,4-Dinitrophenol	LT	1.4	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.16	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	1.4	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.14	UGG			
								56-55-3	Benzo[a]anthracene	LT	.14	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.14	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.14	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.14	UGG			
								65-85-0	Benzoic acid	LT	1.4	UGG			
								67-72-1	Hexachloroethane	LT	.14	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	1	UGG			
								78-59-1	Isophorone	LT	.14	UGG			
								83-32-9	Acenaphthene	LT	.14	UGG			
								84-66-2	Diethyl phthalate	LT	.14	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.14	UGG			
								85-01-8	Phenanthrene	LT	.14	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.14	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.14	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.14	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.14	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.14	UGG			
								87-86-5	Pentachlorophenol	LT	.67	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	.3	UGG			
								88-74-4	2-Nitroaniline	LT	.67	UGG			
								88-75-5	2-Nitrophenol	LT	.14	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.14	UGG			
								91-57-6	2-Methylnaphthalene	LT	.14	UGG			
								91-58-7	2-Chloronaphthalene	LT	.14	UGG			
								91-94-1	3,3'-Dichlorobenzidine	LT	.67	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.14	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.14	UGG			
								95-57-8	2-Chlorophenol	LT	.14	UGG			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-4	SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	SMV1/S	95-95-4	2,4,5-Trichlorophenol		LT .3	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane		LT .14	UGG			
								99-09-2	3-Nitroaniline		LT .67	UGG			
									4-Bromophenyl phenyl ether		LT .14	UGG			
									4-Chlorophenyl phenyl ether		LT .14	UGG			
							VMS2/S	100-41-4	Ethylbenzene		LT 1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *		LT 1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene		LT 1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane		LT 1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester		LT 1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*		LT 1.0 E -2	UGG			
								108-88-3	Toluene		LT 1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene		LT 1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene		LT 1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane		LT 1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*		LT 1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *		LT 1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride		LT 1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone		LT 1.0 E -2	UGG			
								67-64-1	Acetone		LT 1.0 E -2	UGG			
								67-66-3	Chloroform		LT 1.0 E -2	UGG			
								71-43-2	Benzene		LT 1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane		LT 1.0 E -2	UGG			
								74-83-9	Bromomethane		LT 1.0 E -2	UGG			
								74-87-3	Chloromethane		LT 1.0 E -2	UGG			
								75-00-3	Chloroethane		LT 1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene		LT 1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane		LT 1.0 E -2	UGG			
								75-15-0	Carbon disulfide		LT 1.0 E -2	UGG			
								75-25-2	Bromoform		LT 1.0 E -2	UGG			
								75-27-4	Bromodichloromethane		LT 1.0 E -2	UGG			
								75-34-3	1,1-Dichloroethane		LT 1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene		LT 1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane		LT 1.0 E -2	UGG			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-4	SNBGS*32	0.0	01-SEP-95	ES	SNBGS*32	VMS2/S	78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			
	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	9071/S		Total petroleum hydrocarbons		78.2	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.27	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		7	UGG		I	
							GPB1/S	7439-92-1	Lead		21	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		.619	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	HBG1/S	93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		8470	UGG			
								7439-89-6	Iron		15600	UGG			
								7439-95-4	Magnesium		24800	UGG			
								7439-96-5	Manganese		548	UGG			
								7440-02-0	Nickel		20.9	UGG			
								7440-09-7	Potassium		1830	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		508	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium		58.7	UGG			
								7440-41-7	Beryllium		.756	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		13	UGG			
								7440-48-4	Cobalt		10.2	UGG			
								7440-50-8	Copper		18.3	UGG			
								7440-62-2	Vanadium		23.5	UGG			
								7440-66-6	Zinc		53.5	UGG			
								7440-70-2	Calcium		37800	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	PST1/S	33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		5.08 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	3.00 E -3	UGG			
								60-57-1	Dieldrin	LT	3.00 E -3	UGG			
								72-20-8	Endrin	LT	3.00 E -3	UGG			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	3.00 E -3	UGG			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		.26	UGG	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		6.52 E -2	UGG	C		
								7421-93-4	Endrin aldehyde	LT	2.20 E -2	UGG			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	3.00 E -3	UGG			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.3	UGG			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	3.00 E -3	UGG			
							SMV1/S	100-01-6	4-Nitroaniline	LT	3	UGG			
								100-02-7	4-Nitrophenol	LT	7	UGG			
								100-51-6	Benzyl alcohol	LT	.7	UGG			
								105-67-9	2,4-Dimethylphenol	LT	.7	UGG			
								10544-50-0	Sulfur, molecular/ Molecular sulfur		10	UGG	S		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	.7	UGG			
								106-46-7	1,4-Dichlorobenzene	LT	.7	UGG			
								106-47-8	4-Chloroaniline	LT	2	UGG			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	.7	UGG			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	.7	UGG			
								111-44-4	Bis(2-chloroethyl) ether	LT	.7	UGG			
								111-91-1	Bis(2-chloroethoxy) methane	LT	.7	UGG			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	.7	UGG			
								117-84-0	Di-n-octyl phthalate	LT	.7	UGG			
								118-74-1	Hexachlorobenzene	LT	.7	UGG			
								120-12-7	Anthracene	LT	.7	UGG			
								120-82-1	1,2,4-Trichlorobenzene	LT	.7	UGG			
								120-83-2	2,4-Dichlorophenol	LT	.7	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.7	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	SMV1/S	129-00-0	Benzo[def]phenanthrene / Pyrene		2	UGG			
								131-11-3	Dimethyl phthalate	LT	.7	UGG			
								132-64-9	Dibenzofuran	LT	.7	UGG			
								191-24-2	Benzo[ghi]perylene	LT	.8	UGG			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	.8	UGG			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.7	UGG			
								206-44-0	Fluoranthene		2	UGG			
								207-08-9	Benzo[k]fluoranthene	LT	.7	UGG			
								208-96-8	Acenaphthylene	LT	.7	UGG			
								218-01-9	Chrysene	LT	.7	UGG			
								50-32-8	Benzo[a]pyrene	LT	.7	UGG			
								51-28-5	2,4-Dinitrophenol	LT	7	UGG			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	.8	UGG			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	7	UGG			
								541-73-1	1,3-Dichlorobenzene	LT	.7	UGG			
								56-55-3	Benzo[a]anthracene	LT	.7	UGG			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	.7	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.7	UGG			
								621-64-7	N-Nitrosodi-n-propylamine	LT	.7	UGG			
								65-85-0	Benzoic acid	LT	7	UGG			
								67-72-1	Hexachloroethane	LT	.7	UGG			
								77-47-4	Hexachlorocyclopentadiene	LT	5	UGG			
								78-59-1	Isophorone	LT	.7	UGG			
								83-32-9	Acenaphthene	LT	.7	UGG			
								84-66-2	Diethyl phthalate	LT	.7	UGG			
								84-74-2	Di-n-butyl phthalate	LT	.7	UGG			
								85-01-8	Phenanthrene		2	UGG			
								85-68-7	Butylbenzyl phthalate	LT	.7	UGG			
								86-30-6	N-Nitrosodiphenylamine	LT	.7	UGG			
								86-73-7	Fluorene / 9H-Fluorene	LT	.7	UGG			
								86-74-8	Carbazole / 9H-Carbazole	LT	.7	UGG			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	.7	UGG			
								87-86-5	Pentachlorophenol	LT	3	UGG			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGG			
								88-74-4	2-Nitroaniline	LT	3	UGG			
								88-75-5	2-Nitrophenol	LT	.7	UGG			
								91-20-3	Naphthalene / Tar camphor	LT	.7	UGG			
								91-57-6	2-Methylnaphthalene	LT	.7	UGG			
								91-58-7	2-Chloronaphthalene	LT	.7	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	SMV1/S	91-94-1	3,3'-Dichlorobenzidine	LT	3	UGG			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	.7	UGG			
								95-50-1	1,2-Dichlorobenzene	LT	.7	UGG			
								95-57-8	2-Chlorophenol	LT	.7	UGG			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.7	UGG			
								99-09-2	3-Nitroaniline	LT	3	UGG			
									4-Bromophenyl phenyl ether	LT	.7	UGG			
									4-Chlorophenyl phenyl ether	LT	.7	UGG			
							VMS2/S	100-41-4	Ethylbenzene	LT	1.0 E -2	UGG			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	1.0 E -2	UGG			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	1.0 E -2	UGG			
								107-06-2	1,2-Dichloroethane	LT	1.0 E -2	UGG			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	1.0 E -2	UGG			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	1.0 E -2	UGG			
								108-88-3	Toluene	LT	1.0 E -2	UGG			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	1.0 E -2	UGG			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	1.0 E -2	UGG			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	1.0 E -2	UGG			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	1.0 E -2	UGG			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	1.0 E -2	UGG			
								56-23-5	Carbon tetrachloride	LT	1.0 E -2	UGG			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	1.0 E -2	UGG			
								67-64-1	Acetone	LT	1.0 E -2	UGG			
								67-66-3	Chloroform	LT	1.0 E -2	UGG			
								71-43-2	Benzene	LT	1.0 E -2	UGG			
								71-55-6	1,1,1-Trichloroethane	LT	1.0 E -2	UGG			
								74-83-9	Bromomethane	LT	1.0 E -2	UGG			
								74-87-3	Chloromethane	LT	1.0 E -2	UGG			
								75-00-3	Chloroethane	LT	1.0 E -2	UGG			
								75-01-4	Vinyl chloride / Chloroethene	LT	1.0 E -2	UGG			
								75-09-2	Methylene chloride / Dichloromethane	LT	1.0 E -2	UGG			
								75-15-0	Carbon disulfide	LT	1.0 E -2	UGG			
								75-25-2	Bromoform	LT	1.0 E -2	UGG			
								75-27-4	Bromodichloromethane	LT	1.0 E -2	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-5	SNBGS*33	0.0	01-SEP-95	ES	SNBGS*33	VMS2/S	75-34-3	1,1-Dichloroethane	LT	1.0 E -2	UGG			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	1.0 E -2	UGG			
								78-87-5	1,2-Dichloropropane	LT	1.0 E -2	UGG			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	1.0 E -2	UGG			
								79-00-5	1,1,2-Trichloroethane	LT	1.0 E -2	UGG			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	1.0 E -2	UGG			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	1.0 E -2	UGG			
									Xylenes, total combined	LT	1.0 E -2	UGG			
									trans-1,3-Dichloropropene	LT	1.0 E -2	UGG			

** End of Report - 1110 Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Appendix F

Surface Water Background Data

(Final Validated IRDMIS Data)

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Sampling Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	NBGWF*11	0.0	31-AUG-95	ES	NBGWF*11	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	DF		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	DF		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	DF		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	DF		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	DF		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	DF		
								7439-89-6	Iron	LT	45	UGL	DF		
								7439-95-4	Magnesium		50400	UGL	DF		
								7439-96-5	Manganese		20.4	UGL	DF		
								7440-02-0	Nickel	LT	15	UGL	DF		
								7440-09-7	Potassium		3150	UGL	DF		
								7440-22-4	Silver	LT	5	UGL	DF		
								7440-23-5	Sodium		55000	UGL	DF	I	
								7440-36-0	Antimony	LT	50	UGL	DF		
								7440-39-3	Barium		52.9	UGL	DF		
								7440-41-7	Beryllium	LT	5	UGL	DF	I	
								7440-43-9	Cadmium	LT	5	UGL	DF	J	
								7440-47-3	Chromium	LT	10	UGL	DF		
								7440-48-4	Cobalt	LT	20	UGL	DF		
								7440-50-8	Copper		6.44	UGL	DF		
								7440-62-2	Vanadium	LT	10	UGL	DF		
								7440-66-6	Zinc	LT	20	UGL	DF		
								7440-70-2	Calcium		85100	UGL	DF		
		SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	9071/W		Total petroleum hydrocarbons	LT	169	UGL	D		
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL	D		
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL	D		
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL	D		
								610-39-9	3,4-Dinitrotoluene		5.55	UGL	D		
								88-72-2	2-Nitrotoluene	LT	.2	UGL	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL	D		
								99-08-1	3-Nitrotoluene	LT	.2	UGL	D		
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL	D		
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL	D		
								99-99-0	4-Nitrotoluene	LT	.2	UGL	D		
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL	D		
									4-Amino-2,6dinitrotoluene	LT	.1	UGL	D		
							GAS1/W	7440-38-2	Arsenic		2.7	UGL	D		

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	GPB1/W	7439-92-1	Lead	LT	2	UGL	D		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	D		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	D		
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL	D	M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL	D	M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL	D		
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL	D		
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL	D		
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL	D		
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL	D	M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL	D		
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL	D	M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL	D		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	D		
							ICP1/W	7429-90-5	Aluminum		295	UGL	D		
								7439-89-6	Iron		298	UGL	D		
								7439-95-4	Magnesium		50200	UGL	D		
								7439-96-5	Manganese		24.6	UGL	D		
								7440-02-0	Nickel	LT	15	UGL	D		
								7440-09-7	Potassium		3210	UGL	D		
								7440-22-4	Silver	LT	5	UGL	D		
								7440-23-5	Sodium		54400	UGL	D	I	
								7440-36-0	Antimony	LT	50	UGL	D		
								7440-39-3	Barium		55.7	UGL	D		
								7440-41-7	Beryllium	LT	5	UGL	D	I	
								7440-43-9	Cadmium	LT	5	UGL	D	J	
								7440-47-3	Chromium	LT	10	UGL	D		
								7440-48-4	Cobalt	LT	20	UGL	D		
								7440-50-8	Copper	LT	5	UGL	D		
								7440-62-2	Vanadium	LT	10	UGL	D		
								7440-66-6	Zinc	LT	20	UGL	D		
								7440-70-2	Calcium		85400	UGL	D		
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL	D		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	PST1/W	1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL	D		
								1104-28-2	PCB 1221	LT	.13	UGL	D		
								11096-82-5	PCB 1260	LT	.13	UGL	D		
								11097-69-1	PCB 1254	LT	.13	UGL	D		
								11141-16-5	PCB 1232	LT	.13	UGL	D		
								12672-29-6	PCB 1248	LT	.13	UGL	D		
								12674-11-2	PCB 1016	LT	.13	UGL	D		
								309-00-2	Aldrin	LT	5.00 E -3	UGL	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL	D		
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL	D		
								53469-21-9	PCB 1242	LT	.13	UGL	D		
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL	D		
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL	D		
								57-74-9	Chlordane	LT	3.00 E -2	UGL	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL	D		
								60-57-1	Dieldrin	LT	5.00 E -3	UGL	D		
								72-20-8	Endrin	LT	5.00 E -3	UGL	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL	D		
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL	D		
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL	D		
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL	D		
								100-02-7	4-Nitrophenol	LT	20	UGL	D		
								100-51-6	Benzyl alcohol	LT	2	UGL	D		
								105-67-9	2,4-Dimethylphenol	LT	2	UGL	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL	D		
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	SMV1/W	106-47-8	4-Chloroaniline	LT	2	UGL	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL	D		
								117-81-7	Bis(2-ethylhexyl) phthalate		4.9	UGL	D		
								117-84-0	Di-n-octyl phthalate	LT	2	UGL	D		
								118-74-1	Hexachlorobenzene	LT	2	UGL	D		
								120-12-7	Anthracene	LT	2	UGL	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL	D		
								120-83-2	2,4-Dichlorophenol	LT	2	UGL	D		
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL	D		
								131-11-3	Dimethyl phthalate	LT	2	UGL	D		
								132-64-9	Dibenzofuran	LT	2	UGL	D		
								191-24-2	Benzo[ghi]perylene	LT	2	UGL	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL	D		
								206-44-0	Fluoranthene	LT	2	UGL	D		
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL	D		
								208-96-8	Acenaphthylene	LT	2	UGL	D		
								218-01-9	Chrysene	LT	2	UGL	D		
								50-32-8	Benzo[a]pyrene	LT	2	UGL	D		
								51-28-5	2,4-Dinitrophenol	LT	30	UGL	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL	D		
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL	D		
								56-55-3	Benzo[a]anthracene	LT	2	UGL	D		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL	D		
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL	D		
								65-85-0	Benzoic acid	LT	20	UGL	D		
								67-72-1	Hexachloroethane	LT	2	UGL	D		
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL	D		
								78-59-1	Isophorone	LT	2	UGL	D		
								83-32-9	Acenaphthene	LT	2	UGL	D		
								84-66-2	Diethyl phthalate	LT	2	UGL	D		
								84-74-2	Di-n-butyl phthalate	LT	2	UGL	D		
								85-01-8	Phenanthrene	LT	2	UGL	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	SMV1/W	85-68-7	Butylbenzyl phthalate	LT	2	UGL	D		
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL	D		
								87-86-5	Pentachlorophenol	LT	10	UGL	D		
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL	D		
								88-74-4	2-Nitroaniline	LT	10	UGL	D		
								88-75-5	2-Nitrophenol	LT	2	UGL	D		
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL	D		
								91-57-6	2-Methylnaphthalene	LT	2	UGL	D		
								91-58-7	2-Chloronaphthalene	LT	2	UGL	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL	D		
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL	D		
								95-57-8	2-Chlorophenol	LT	2	UGL	D		
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL	D		
								99-09-2	3-Nitroaniline	LT	10	UGL	D		
									4-Bromophenyl phenyl ether	LT	2	UGL	D		
									4-Chlorophenyl phenyl ether	LT	2	UGL	D		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL	D		
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL	D		
								107-06-2	1,2-Dichloroethane	LT	2	UGL	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL	D		
								108-88-3	Toluene	LT	2	UGL	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL	D		
								56-23-5	Carbon tetrachloride	LT	2	UGL	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*11	0.0	31-AUG-95	ES	SNBGW*11	VMS2/W	591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL	D		
								67-63-0	2-Propanol		20	UGL	S		
								67-64-1	Acetone		11	UGL	D		
								67-66-3	Chloroform	LT	2	UGL	D		
								71-43-2	Benzene	LT	2	UGL	D		
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL	D		
								74-83-9	Bromomethane	LT	2	UGL	D		
								74-87-3	Chloromethane	LT	2	UGL	D		
								75-00-3	Chloroethane	LT	10	UGL	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL	D		
								75-15-0	Carbon disulfide	LT	10	UGL	D		
								75-25-2	Bromoform	LT	2	UGL	D		
								75-27-4	Bromodichloromethane	LT	2	UGL	D		
								75-34-3	1,1-Dichloroethane	LT	2	UGL	D		
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL	D		
								78-87-5	1,2-Dichloropropane	LT	2	UGL	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL	D		
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL	D		
									Xylenes, total combined	LT	10	UGL	D		
									trans-1,3-Dichloropropene	LT	2	UGL	D		
		SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	9071/W		Total petroleum hydrocarbons	LT	171	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								610-39-9	3,4-Dinitrotoluene		5.5	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	EXL1/W		2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL		M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL		M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL		M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL		M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		58.9	UGL			
								7439-89-6	Iron		143	UGL			
								7439-95-4	Magnesium		51300	UGL			
								7439-96-5	Manganese		21.5	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3570	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		56700	UGL		I	
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		55.9	UGL			
								7440-41-7	Beryllium	LT	5	UGL		I	
								7440-43-9	Cadmium	LT	5	UGL		J	
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			

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CREK	BGSW-1	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	ICP1/W	7440-70-2	Calcium		88500	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	SMV1/W	106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		54	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	SMV1/W	84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
									Unknown compound 522		6	UGL	S		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-1	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	VMS2/W	540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-63-0	2-Propanol		500	UGL	S		
								67-64-1	Acetone		20	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNBGWF*5	0.0	31-AUG-95	ES	SNBGWF*5	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		51200	UGL	F		
								7439-96-5	Manganese		20.4	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		3210	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		56300	UGL	F	I	
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		53.3	UGL	F		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

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CREK	BGSW-1	SNBGWF*5	0.0	31-AUG-95	ES	SNBGWF*5	ICP1/W	7440-41-7	Beryllium	LT	5	UGL	F	I	
								7440-43-9	Cadmium	LT	5	UGL	F	J	
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper		5.54	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		86800	UGL	F		
	BGSW-2	SNBGW*5	0.0	31-AUG-95	ES	SNBGW*5	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
		SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	9071/W		Total petroleum hydrocarbons	LT	169	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								610-39-9	3,4-Dinitrotoluene		5.74	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL		M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL		M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-2	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	HBG1/W	93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL		M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL		M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		1030	UGL			
								7439-89-6	Iron		1220	UGL			
								7439-95-4	Magnesium		63800	UGL			
								7439-96-5	Manganese		52.5	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3640	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		43100	UGL		I	
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		60.6	UGL			
								7440-41-7	Beryllium	LT	5	UGL		I	
								7440-43-9	Cadmium	LT	5	UGL		J	
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		86400	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide		5.80 E -3	UGL	C		
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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CREK	BGSW-2	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	PST1/W	33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		7.4	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

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CREK	BGSW-2	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	SMV1/W	131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-2	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	SMV1/W	95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-63-0	2-Propanol		20	UGL	S		
								67-64-1	Acetone		10	UGL	JP		
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-2	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	VMS2/W	75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNBGWF*6	0.0	31-AUG-95	ES	SNBGWF*6	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		62400	UGL	F		
								7439-96-5	Manganese		22.2	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		2950	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		43200	UGL	F	I	
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		54.6	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F	I	
								7440-43-9	Cadmium	LT	5	UGL	F	J	
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper		6.31	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		82500	UGL	F		
	BGSW-3	SNBGW*6	0.0	31-AUG-95	ES	SNBGW*6	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
		SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	9071/W		Total petroleum hydrocarbons	LT	168	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8							

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	EXL1/W	479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								610-39-9	3,4-Dinitrotoluene		5.78	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL		M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL		M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL		M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL		M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL			
								7439-89-6	Iron	LT	45	UGL			
								7439-95-4	Magnesium		52600	UGL			
								7439-96-5	Manganese	LT	5	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		4560	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	ICP1/W	7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		24700	UGL		I	
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		50	UGL			
								7440-41-7	Beryllium	LT	5	UGL		I	
								7440-43-9	Cadmium	LT	5	UGL		J	
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		98400	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9							

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	PST1/W	72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		LT 7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde		LT 2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*		LT 5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *		LT .6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan		LT 5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline		LT 10	UGL			
								100-02-7	4-Nitrophenol		LT 20	UGL			
								100-51-6	Benzyl alcohol		LT 2	UGL			
								105-67-9	2,4-Dimethylphenol		LT 2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		LT 2	UGL			
								106-46-7	1,4-Dichlorobenzene		LT 2	UGL			
								106-47-8	4-Chloroaniline		LT 2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether		LT 2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*		LT 2	UGL			
								111-44-4	Bis(2-chloroethyl) ether		LT 2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane		LT 2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		2.8	UGL			
								117-84-0	Di-n-octyl phthalate		LT 2	UGL			
								118-74-1	Hexachlorobenzene		LT 2	UGL			
								120-12-7	Anthracene		LT 2	UGL			
								120-82-1	1,2,4-Trichlorobenzene		LT 2	UGL			
								120-83-2	2,4-Dichlorophenol		LT 2	UGL			
								121-14-2	2,4-Dinitrotoluene		LT 2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene		LT 2	UGL			
								131-11-3	Dimethyl phthalate		LT 2	UGL			
								132-64-9	Dibenzofuran		LT 2	UGL			
								134-62-3	N,N-Diethyl-3-methylbenzamide / N,N-Diethyl-m-toluamide		8	UGL	S		
								191-24-2	Benzo[ghi]perylene		LT 2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene		LT 2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		LT 2	UGL			
								206-44-0	Fluoranthene		LT 2	UGL			
								207-08-9	Benzo[k]fluoranthene		LT 2	UGL			
								208-96-8	Acenaphthylene		LT 2	UGL			
								218-01-9	Chrysene		LT 2	UGL			
								50-32-8	Benzo[a]pyrene		LT 2	UGL			
								51-28-5	2,4-Dinitrophenol		LT 30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene		LT 2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	SMV1/W	534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	VMS2/W	107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-63-0	2-Propanol		1000	UGL	S		
								67-64-1	Acetone		18	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNBGWF*7	0.0	30-AUG-95	ES	SNBGWF*7	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead		2.6	UGL	F		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-3	SNBGWF*7	0.0	30-AUG-95	ES	SNBGWF*7	GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		54800	UGL	F		
								7439-96-5	Manganese		10.2	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		4470	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		25700	UGL	F	I	
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		51.1	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F	I	
								7440-43-9	Cadmium	LT	5	UGL	F	J	
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper		6.57	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		1.01 E 5	UGL	F		
	BGSW-4	SNBGW*7	0.0	30-AUG-95	ES	SNBGW*7	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
		SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	9071/W		Total petroleum hydrocarbons		182	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene		.425	UGL	C		
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *		.257	UGL	C		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								610-39-9	3,4-Dinitrotoluene		5.4	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-4	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL		M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL		M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL		M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL		M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL			
								7439-89-6	Iron	LT	45	UGL			
								7439-95-4	Magnesium		55200	UGL			
								7439-96-5	Manganese		40.9	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3310	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		29000	UGL		I	
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		53.9	UGL			
								7440-41-7	Beryllium	LT	5	UGL		I	
								7440-43-9	Cadmium	LT	5	UGL		J	
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		1.01 E 5	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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CREK	BGSW-4	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	PST1/W	11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		1.10 E -2	UGL	C		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-4	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	SMV1/W	108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		3.4	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
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Sampling Date Range: 01-JAN-75 19-MAY-97

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CREK	BGSW-4	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	SMV1/W	86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
									Unknown compound 521		6	UGL	S		
									Unknown compound 522		100	UGL	S		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			

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Final Documentation Appendix Report
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CREK	BGSW-4	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	VMS2/W	591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-63-0	2-Propanol		10	UGL	S		
								67-64-1	Acetone		11	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNBGWF*8	0.0	30-AUG-95	ES	SNBGWF*8	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		53500	UGL	F		
								7439-96-5	Manganese		97.3	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		3090	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		29200	UGL	F	I	
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		51.6	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F	I	
								7440-43-9	Cadmium	LT	5	UGL	F	J	
								7440-47-3	Chromium	LT	10	UGL	F		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-4	SNBGWF*8	0.0	30-AUG-95	ES	SNBGWF*8	ICP1/W	7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		97100	UGL	F		
	BGSW-5	SNBGW*8	0.0	30-AUG-95	ES	SNBGW*8	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
		SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	9071/W		Total petroleum hydrocarbons	LT	169	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								610-39-9	3,4-Dinitrotoluene		5.28	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene		.126	UGL	C		
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic		2.6	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL		M	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL		M	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-5	SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	HBG1/W	93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL		M	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL		M	
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		384	UGL			
								7439-89-6	Iron		553	UGL			
								7439-95-4	Magnesium		49900	UGL			
								7439-96-5	Manganese		218	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3530	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		53400	UGL		I	
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		66.2	UGL			
								7440-41-7	Beryllium	LT	5	UGL		I	
								7440-43-9	Cadmium	LT	5	UGL		J	
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		88200	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-5	SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	PST1/W	50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		11	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-5	SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	SMV1/W	132-64-9	Dibenzofuran	LT	2	UGL			
								134-62-3	N,N-Diethyl-3-methylbenzamide / N,N-Diethyl-m-toluamide		500	UGL	S		
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	HBG1/S	94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	1.00 E -2	UGG		N	
							HGC1/S	7439-97-6	Mercury	LT	.1	UGG			
							ICP1/S	7429-90-5	Aluminum		5370	UGG			
								7439-89-6	Iron		15700	UGG			
								7439-95-4	Magnesium		38000	UGG			
								7439-96-5	Manganese		589	UGG			
								7440-02-0	Nickel		17	UGG			
								7440-09-7	Potassium		1070	UGG			
								7440-22-4	Silver	LT	.5	UGG			
								7440-23-5	Sodium		497	UGG			
								7440-36-0	Antimony	LT	5	UGG			
								7440-39-3	Barium	LT	39.8	UGG			
								7440-41-7	Beryllium	LT	.5	UGG			
								7440-43-9	Cadmium	LT	.5	UGG			
								7440-47-3	Chromium		9.82	UGG			
								7440-48-4	Cobalt		7.33	UGG			
								7440-50-8	Copper		17	UGG			
								7440-62-2	Vanadium		14.4	UGG			
								7440-66-6	Zinc		39.3	UGG			
								7440-70-2	Calcium		64100	UGG			
							PST1/S	1024-57-3	Heptachlor epoxide	LT	3.00 E -3	UGG			
								1031-07-8	Endosulfan sulfate	LT	3.00 E -3	UGG			
								1104-28-2	PCB 1221	LT	1.30 E -2	UGG			
								11096-82-5	PCB 1260	LT	1.30 E -2	UGG			
								11097-69-1	PCB 1254	LT	1.30 E -2	UGG			
								11141-16-5	PCB 1232	LT	1.30 E -2	UGG			
								12672-29-6	PCB 1248	LT	1.30 E -2	UGG			
								12674-11-2	PCB 1016	LT	1.30 E -2	UGG			
								309-00-2	Aldrin	LT	3.00 E -3	UGG			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	3.00 E -3	UGG			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	3.00 E -3	UGG			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	3.00 E -3	UGG			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		1.70 E -2	UGG	C		
								5103-71-9	alpha-Chlordane	LT	3.00 E -3	UGG			
								53469-21-9	PCB 1242	LT	1.30 E -2	UGG			
								53494-70-5	Endrin ketone	LT	3.00 E -3	UGG			
								5566-34-7	gamma-Chlordane	LT	3.00 E -3	UGG			
								57-74-9	Chlordane	LT	2.00 E -2	UGG			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSE
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSD-1	SNBGS*29	0.0	01-SEP-95	ES	SNBGS*29	9071/S		Total petroleum hydrocarbons		53.9	UGG			
							EXL1/S	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.25	UGG			
								121-14-2	2,4-Dinitrotoluene	LT	.2	UGG			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.5	UGG			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.5	UGG			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	.5	UGG			
								606-20-2	2,6-Dinitrotoluene	LT	.2	UGG			
								610-39-9	3,4-Dinitrotoluene		4.2	UGG			
								88-72-2	2-Nitrotoluene	LT	.5	UGG			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.25	UGG			
								99-08-1	3-Nitrotoluene	LT	.5	UGG			
								99-35-4	1,3,5-Trinitrobenzene	LT	.25	UGG		JR	
								99-65-0	1,3-Dinitrobenzene	LT	.25	UGG			
								99-99-0	4-Nitrotoluene	LT	.5	UGG			
									2-Amino-4,6-dinitrotoluene	LT	.25	UGG			
									4-Amino-2,6dinitrotoluene	LT	.25	UGG			
							GAS1/S	7440-38-2	Arsenic		13	UGG		I	
							GPB1/S	7439-92-1	Lead		43	UGG		I	
							GSE1/S	7782-49-2	Selenium	LT	.25	UGG			
							GTL1/S	7440-28-0	Thallium		1.39	UGG			
							HBG1/S	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	1.00 E -2	UGG		N	
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	1.00 E -2	UGG		N	
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	.2	UGG		N	
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	1.00 E -2	UGG		N	
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	1.00 E -2	UGG		N	
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	1.00 E -2	UGG		N	
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	1.00 E -2	UGG		N	
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	.2	UGG		N	
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	1.00 E -2	UGG		N	
								94-82-6							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-5	SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	SMV1/W	91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
									Unknown compound 586		4	UGL	S		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CSW
Sampling Date Range: 01-JAN-75 19-MAY-97

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
CREK	BGSW-5	SNBGW*9	0.0	31-AUG-95	ES	SNBGW*9	VMS2/W	75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNBGWF*9	0.0	31-AUG-95	ES	SNBGWF*9	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		48900	UGL	F		
								7439-96-5	Manganese		194	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		3510	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		52800	UGL	F	I	
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		62.7	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F	I	
								7440-43-9	Cadmium	LT	5	UGL	F	J	
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		86100	UGL	F		

** End of Report - 1223 Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Appendix G

Groundwater Background Data

(Final Validated IRDMIS Data)

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Sampling Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	NGWF2*40	15.0	17-APR-96	ES	NGWF2*40	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum		54	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		1.42 E 5	UGL	F		
								7439-96-5	Manganese		25.3	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		4080	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		39500	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		29.5	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		355	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		75100	UGL	F		
		SNGW*126	0.0	23-JAN-96	ES	SNGW*126	PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*152	0.0	14-FEB-96	ES	SNGW*152	1302/W		Total hardness		1.32 E 6	UGL			
							1601/W		Total dissolved solids		9.26 E 5	UGL			
							3101/W		Alkalinity		7.00 E 5	UGL			
							4104/W		Chemical oxygen demand		1.29 E 5	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific	LT	5000	UGL			
							ANI1/W	14808-79-8	Sulfate		268	UGL			
								16887-00-6	Chloride		2.20 E 5	UGL			
								16984-48-8	Fluoride		6100	UGL			
			15.7	14-FEB-96	ES	SNGW*152	4151/W		Total organic carbon		810	UGL			
		SNGW*26	0.0	30-NOV-95	ES	SNGW*26	VMS2/W	100-41-4	Ethylbenzene		1100	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*26	0.0	30-NOV-95	ES	SNGW*26	VMS2/W	75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
			18.5	30-NOV-95	ES	SNGW*26	CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL		MI	
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
							GPB1/W	7439-92-1	Lead		2.6	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*26	18.5	30-NOV-95	ES	SNGW*26	HBG1/W	88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		1870	UGL			
								7439-89-6	Iron		1930	UGL			
								7439-95-4	Magnesium		1.51 E 5	UGL			
								7439-96-5	Manganese		55.4	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		4030	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		36700	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		37.4	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		388	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper		5.97	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		80400	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*26	18.5	30-NOV-95	ES	SNGW*26	PST1/W	319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*26	18.5	30-NOV-95	ES	SNGW*26	SMV1/W	120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW*26	18.5	30-NOV-95	ES	SNGW*26	SMV1/W	91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
		SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	ANI1/W	14808-79-8	Sulfate		2.20 E 5	UGL			
								16887-00-6	Chloride		7300	UGL			
								16984-48-8	Fluoride		680	UGL			
							CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	PAH1/W	206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
			15.0	17-APR-96	ES	SNGW2*40	1302/W		Total hardness		1.13 E 6	UGL			
							1601/W		Total dissolved solids		9.82 E 5	UGL			
							3101/W		Alkalinity		5.50 E 5	UGL			
							4104/W		Chemical oxygen demand		41400	UGL			
							4151/W		Total organic carbon		3140	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		235	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic		9.2	UGL			
							GPB1/W	7439-92-1	Lead		14.3	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		21400	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	ICP1/W	7439-89-6	Iron		28500	UGL			
								7439-95-4	Magnesium		1.90 E 5	UGL			
								7439-96-5	Manganese		747	UGL			
								7440-02-0	Nickel		42.8	UGL			
								7440-09-7	Potassium		12000	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		37000	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		111	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		347	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium		33.3	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper		24.5	UGL			
								7440-62-2	Vanadium		34	UGL			
								7440-66-6	Zinc		66.7	UGL			
								7440-70-2	Calcium		1.66 E 5	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate		2.40 E -2	UGL	C		
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	PST1/W	72-20-8	Endrin		LT 5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*		LT 9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*		LT 5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		LT 7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde		LT 2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*		LT 5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *		LT .6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan		LT 5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline		LT 10	UGL			
								100-02-7	4-Nitrophenol		LT 20	UGL			
								100-51-6	Benzyl alcohol		LT 2	UGL			
								105-67-9	2,4-Dimethylphenol		LT 2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		LT 2	UGL			
								106-46-7	1,4-Dichlorobenzene		LT 2	UGL			
								106-47-8	4-Chloroaniline		LT 2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether		LT 2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*		LT 2	UGL			
								111-44-4	Bis(2-chloroethyl) ether		LT 2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane		LT 2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate		LT 2	UGL			
								117-84-0	Di-n-octyl phthalate		LT 2	UGL			
								118-74-1	Hexachlorobenzene		LT 2	UGL			
								120-12-7	Anthracene		LT 2	UGL			
								120-82-1	1,2,4-Trichlorobenzene		LT 2	UGL			
								120-83-2	2,4-Dichlorophenol		LT 2	UGL			
								121-14-2	2,4-Dinitrotoluene		LT 2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene		LT 2	UGL			
								131-11-3	Dimethyl phthalate		LT 2	UGL			
								132-64-9	Dibenzofuran		LT 2	UGL			
								191-24-2	Benzo[ghi]perylene		LT 2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene		LT 2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene		LT 2	UGL			
								206-44-0	Fluoranthene		LT 2	UGL			
								207-08-9	Benzo[k]fluoranthene		LT 2	UGL			
								208-96-8	Acenaphthylene		LT 2	UGL			
								218-01-9	Chrysene		LT 2	UGL			
								50-32-8	Benzo[a]pyrene		LT 2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	SMV1/W	51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	VMS2/W	100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW01	SNGW2*40	15.0	17-APR-96	ES	SNGW2*40	VMS2/W		trans-1,3-Dichloropropene	LT	2	UGL			
		SNGWF*26	18.5	30-NOV-95	ES	SNGWF*26	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		1.45 E 5	UGL	F		
								7439-96-5	Manganese		22.8	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		3610	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		36800	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		29.6	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		335	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		75200	UGL	F		
	BGMW02	NGWF2*41	27.3	20-APR-96	ES	NGWF2*41	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum		49.6	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		71900	UGL	F		
								7439-96-5	Manganese		20.3	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		2600	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		32500	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		29.7	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		522	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	NGWF2*41	27.3	20-APR-96	ES	NGWF2*41	ICP1/W	7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		79600	UGL	F		
		SNGW*131	0.0	24-JAN-96	ES	SNGW*131	PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*132	0.0	24-JAN-96	ES	SNGW*132	PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL	D		
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL	D		
								1104-28-2	PCB 1221	LT	.13	UGL	D		
								11096-82-5	PCB 1260	LT	.13	UGL	D		
								11097-69-1	PCB 1254	LT	.13	UGL	D		
								11141-16-5	PCB 1232	LT	.13	UGL	D		
								12672-29-6	PCB 1248	LT	.13	UGL	D		
								12674-11-2	PCB 1016	LT	.13	UGL	D		
								309-00-2	Aldrin	LT	5.00 E -3	UGL	D		
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL	D		
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL	D		
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL	D		
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL	D		
								53469-21-9	PCB 1242	LT	.13	UGL	D		
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL	D		
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL	D		
								57-74-9	Chlordane	LT	3.00 E -2	UGL	D		
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL	D		
								60-57-1	Dieldrin	LT	5.00 E -3	UGL	D		
								72-20-8	Endrin	LT	5.00 E -3	UGL	D		
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL	D		
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL	D		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL	D		
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL	D		
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL	D		
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL	D		
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL	D		
		SNGW*153	0.0	14-FEB-96	ES	SNGW*153	1302/W		Total hardness		8.72 E 5	UGL			
							1601/W		Total dissolved solids		7.60 E 5	UGL			
							3101/W		Alkalinity		3.20 E 5	UGL			
							4104/W		Chemical oxygen demand		95900	UGL			
										LT	5000	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*153	0.0	14-FEB-96	ES	SNGW*153	ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		2000	UGL			
							ANI1/W	14808-79-8	Sulfate		2.80 E 5	UGL			
								16887-00-6	Chloride		6900	UGL			
								16984-48-8	Fluoride		780	UGL			
			27.4	14-FEB-96	ES	SNGW*153	4151/W		Total organic carbon	LT	1000	UGL			
		SNGW*27	27.6	01-DEC-95	ES	SNGW*27	CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL		MI	
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic		4.6	UGL			
							GPB1/W	7439-92-1	Lead		2.1	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*27	27.6	01-DEC-95	ES	SNGW*27	HBG1/W	94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		4670	UGL			
								7439-89-6	Iron		5160	UGL			
								7439-95-4	Magnesium		81000	UGL			
								7439-96-5	Manganese		185	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		5500	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		45900	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		60.9	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		686	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper		6.39	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		1.05 E 5	UGL			
							PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*27	27.6	01-DEC-95	ES	SNGW*27	PAH1/W	91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-93-0	Cyclohexanol		4	UGL	S		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*27	27.6	01-DEC-95	ES	SNGW*27	SMV1/W	621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
									Unknown compound 546		20	UGL	S		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*27	27.6	01-DEC-95	ES	SNGW*27	VMS2/W	108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
			27.6	01-DEC-95	ES	SNGW*27	PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL		L	
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL		L	
								1104-28-2	PCB 1221	LT	.13	UGL		L	
								11096-82-5	PCB 1260	LT	.13	UGL		L	
								11097-69-1	PCB 1254	LT	.13	UGL		L	
								11141-16-5	PCB 1232	LT	.13	UGL		L	
								12672-29-6	PCB 1248	LT	.13	UGL		L	
								12674-11-2	PCB 1016	LT	.13	UGL		L	
								309-00-2	Aldrin	LT	5.00 E -3	UGL		L	

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*27	27.6	01-DEC-95	ES	SNGW*27	PST1/W	319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL		L	
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL		L	
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL		L	
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL		L	
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL		L	
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL		LI	
								53469-21-9	PCB 1242	LT	.13	UGL		L	
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL		L	
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL		L	
								57-74-9	Chlordane	LT	3.00 E -2	UGL		L	
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL		L	
								60-57-1	Dieldrin	LT	5.00 E -3	UGL		L	
								72-20-8	Endrin	LT	5.00 E -3	UGL		LI	
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL		LI	
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL		L	
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL		L	
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL		L	
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL		L	
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL		L	
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL		L	
		SNGW*31	27.6	01-DEC-95	ES	SNGW*31	CYN1/W	57-12-5	Cyanide	LT	2.5	UGL	D		
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL	D		
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL	D		
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL	D		
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL	D		
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL	D		
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL	D		
								88-72-2	2-Nitrotoluene	LT	.2	UGL	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL	D	MI	
								99-08-1	3-Nitrotoluene	LT	.2	UGL	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	EXL1/W	99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL	D		
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL	D		
								99-99-0	4-Nitrotoluene	LT	.2	UGL	D		
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL	D		
									4-Amino-2,6dinitrotoluene	LT	.1	UGL	D		
							GAS1/W	7440-38-2	Arsenic		19.4	UGL	D		
							GPB1/W	7439-92-1	Lead		24.6	UGL	D		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	D		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	D		
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL	D		
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL	D		
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL	D		
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL	D		
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL	D		
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL	D		
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL	D		
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL	D		
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL	D		
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL	D		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	D		
							ICP1/W	7429-90-5	Aluminum		36200	UGL	D		
								7439-89-6	Iron		50200	UGL	D		
								7439-95-4	Magnesium		1.63 E 5	UGL	D		
								7439-96-5	Manganese		1240	UGL	D		
								7440-02-0	Nickel		66	UGL	D		
								7440-09-7	Potassium		15400	UGL	D		
								7440-22-4	Silver	LT	5	UGL	D		
								7440-23-5	Sodium		42300	UGL	D		
								7440-36-0	Antimony	LT	50	UGL	D		
								7440-39-3	Barium		181	UGL	D		
								7440-41-7	Beryllium	LT	5	UGL	D		
								7440-42-8	Boron		651	UGL	D		
								7440-43-9	Cadmium	LT	5	UGL	D		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	ICP1/W	7440-47-3	Chromium		52.8	UGL	D		
								7440-48-4	Cobalt		22.4	UGL	D		
								7440-50-8	Copper		55.1	UGL	D		
								7440-62-2	Vanadium		69.9	UGL	D		
								7440-66-6	Zinc		121	UGL	D		
								7440-70-2	Calcium		2.57 E 5	UGL	D		
							PAH1/W	120-12-7	Anthracene	LT	.1	UGL	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL	D		
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL	D		
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL	D		
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL	D		
								208-96-8	Acenaphthylene	LT	2	UGL	D		
								218-01-9	Chrysene	LT	.1	UGL	D		
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL	D		
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL	D		
								83-32-9	Acenaphthene	LT	2	UGL	D		
								85-01-8	Phenanthrene	LT	.5	UGL	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL	D		
								90-12-0	1-Methylnaphthalene	LT	2	UGL	D		
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL	D		
								91-57-6	2-Methylnaphthalene	LT	2	UGL	D		
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL	D		
								100-02-7	4-Nitrophenol	LT	20	UGL	D		
								100-51-6	Benzyl alcohol	LT	2	UGL	D		
								105-67-9	2,4-Dimethylphenol	LT	2	UGL	D		
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL	D		
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL	D		
								106-47-8	4-Chloroaniline	LT	2	UGL	D		
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL	D		
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL	D		
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL	D		
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL	D		
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL	D		
								117-84-0	Di-n-octyl phthalate	LT	2	UGL	D		
								118-74-1	Hexachlorobenzene	LT	2	UGL	D		
								120-12-7	Anthracene	LT	2	UGL	D		
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL	D		
								120-83-2	2,4-Dichlorophenol	LT	2	UGL	D		

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WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	SMV1/W	121-14-2	2,4-Dinitrotoluene	LT	2	UGL	D		
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL	D		
								131-11-3	Dimethyl phthalate	LT	2	UGL	D		
								132-64-9	Dibenzofuran	LT	2	UGL	D		
								191-24-2	Benzo[ghi]perylene	LT	2	UGL	D		
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL	D		
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL	D		
								206-44-0	Fluoranthene	LT	2	UGL	D		
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL	D		
								208-96-8	Acenaphthylene	LT	2	UGL	D		
								218-01-9	Chrysene	LT	2	UGL	D		
								50-32-8	Benzo[a]pyrene	LT	2	UGL	D		
								51-28-5	2,4-Dinitrophenol	LT	30	UGL	D		
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL	D		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL	D		
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL	D		
								56-55-3	Benzo[a]anthracene	LT	2	UGL	D		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL	D		
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL	D		
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL	D		
								65-85-0	Benzoic acid	LT	20	UGL	D		
								67-72-1	Hexachloroethane	LT	2	UGL	D		
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL	D		
								78-59-1	Isophorone	LT	2	UGL	D		
								83-32-9	Acenaphthene	LT	2	UGL	D		
								84-66-2	Diethyl phthalate	LT	2	UGL	D		
								84-74-2	Di-n-butyl phthalate	LT	2	UGL	D		
								85-01-8	Phenanthrene	LT	2	UGL	D		
								85-68-7	Butylbenzyl phthalate	LT	2	UGL	D		
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL	D		
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL	D		
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL	D		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL	D		
								87-86-5	Pentachlorophenol	LT	10	UGL	D		
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL	D		
								88-74-4	2-Nitroaniline	LT	10	UGL	D		
								88-75-5	2-Nitrophenol	LT	2	UGL	D		
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL	D		
								91-57-6	2-Methylnaphthalene	LT	2	UGL	D		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	SMV1/W	91-58-7	2-Chloronaphthalene	LT	2	UGL	D		
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL	D		
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL	D		
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL	D		
								95-57-8	2-Chlorophenol	LT	2	UGL	D		
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL	D		
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL	D		
								99-09-2	3-Nitroaniline	LT	10	UGL	D		
									4-Bromophenyl phenyl ether	LT	2	UGL	D		
									4-Chlorophenyl phenyl ether	LT	2	UGL	D		
									Unknown compound 546		30	UGL	DS		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL	D		
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL	D		
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL	D		
								107-06-2	1,2-Dichloroethane	LT	2	UGL	D		
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL	D		
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen[redacted]	LT	10	UGL	D		
								108-88-3	Toluene	LT	2	UGL	D		
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL	D		
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL	D		
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL	D		
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL	D		
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL	D		
								56-23-5	Carbon tetrachloride	LT	2	UGL	D		
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL	D		
								67-64-1	Acetone	LT	10	UGL	D		
								67-66-3	Chloroform	LT	2	UGL	D		
								71-43-2	Benzene	LT	2	UGL	D		
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL	D		
								74-83-9	Bromomethane	LT	2	UGL	D		
								74-87-3	Chloromethane	LT	2	UGL	D		
								75-00-3	Chloroethane	LT	10	UGL	D		
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL	D		
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL	D		
								75-15-0	Carbon disulfide	LT	10	UGL	D		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	VMS2/W	75-25-2	Bromoform	LT	2	UGL	D		
								75-27-4	Bromodichloromethane	LT	2	UGL	D		
								75-34-3	1,1-Dichloroethane	LT	2	UGL	D		
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL	D		
								78-87-5	1,2-Dichloropropane	LT	2	UGL	D		
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL	D		
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL	D		
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL	D		
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL	D		
									Xylenes, total combined	LT	10	UGL	D		
			27.6	01-DEC-95	ES	SNGW*31	PST1/W		trans-1,3-Dichloropropene	LT	2	UGL	D		
								1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL	D	L	
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL	D	L	
								1104-28-2	PCB 1221	LT	.13	UGL	D	L	
								11096-82-5	PCB 1260	LT	.13	UGL	D	L	
								11097-69-1	PCB 1254	LT	.13	UGL	D	L	
								11141-16-5	PCB 1232	LT	.13	UGL	D	L	
								12672-29-6	PCB 1248	LT	.13	UGL	D	L	
								12674-11-2	PCB 1016	LT	.13	UGL	D	L	
								309-00-2	Aldrin	LT	5.00 E -3	UGL	D	L	
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL	D	L	
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL	D	L	
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL	D	L	
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL	D	L	
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL	D	L	
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL	D	LI	
								53469-21-9	PCB 1242	LT	.13	UGL	D	L	
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL	D	L	
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL	D	L	
								57-74-9	Chlordane	LT	3.00 E -2	UGL	D	L	
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL	D	L	
								60-57-1	Dieldrin	LT	5.00 E -3	UGL	D	L	
								72-20-8	Endrin	LT	5.00 E -3	UGL	D	LI	
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL	D	LI	
								72-54-8							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW*31	27.6	01-DEC-95	ES	SNGW*31	PST1/W	72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL	D	L	
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL	D	L	
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL	D	L	
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL	D	L	
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL	D	L	
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL	D	L	
		SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	1302/W		Total hardness		6.70 E 5	UGL			
							1601/W		Total dissolved solids		7.47 E 5	UGL			
							3101/W		Alkalinity		3.44 E 5	UGL			
							4104/W		Chemical oxygen demand	LT	5000	UGL			
							4151/W		Total organic carbon	LT	1000	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		369	UGL			
							ANI1/W	14808-79-8	Sulfate		3.0 E 5	UGL			
								16887-00-6	Chloride		6300	UGL			
								16984-48-8	Fluoride		700	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic		3.6	UGL			
							GPB1/W	7439-92-1	Lead		4.3	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		3090	UGL			
								7439-89-6	Iron		4110	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	ICP1/W	7439-95-4	Magnesium		81600	UGL			
								7439-96-5	Manganese		148	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		4090	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		34100	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		45.3	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		521	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		98300	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL		PORJ	
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	PST1/W	72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL		P	
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	SMV1/W	53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	VMS2/W	10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
			27.3	20-APR-96	ES	SNGW2*41	CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGW2*41	27.3	20-APR-96	ES	SNGW2*41	HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							PAH1/W	120-12-7	Anthracene		.105	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
		SNGWF*27	27.6	01-DEC-95	ES	SNGWF*27	GAS1/W	7440-38-2	Arsenic		2.9	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGWF*27	27.6	01-DEC-95	ES	SNGWF*27	GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		63800	UGL	F		
								7439-96-5	Manganese		41.1	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		3020	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		42700	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		34.3	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		618	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		78300	UGL	F		
		SNGWF*31	27.6	01-DEC-95	ES	SNGWF*31	GAS1/W	7440-38-2	Arsenic		2.6	UGL	DF		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	DF		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	DF		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	DF		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	DF		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	DF		
								7439-89-6	Iron		58.8	UGL	DF		
								7439-95-4	Magnesium		70600	UGL	DF		
								7439-96-5	Manganese		40.3	UGL	DF		
								7440-02-0	Nickel	LT	15	UGL	DF		
								7440-09-7	Potassium		2880	UGL	DF		
								7440-22-4	Silver	LT	5	UGL	DF		
								7440-23-5	Sodium		44200	UGL	DF		
								7440-36-0	Antimony	LT	50	UGL	DF		
								7440-39-3	Barium		35.7	UGL	DF		
								7440-41-7	Beryllium	LT	5	UGL	DF		
								7440-42-8	Boron		624	UGL	DF		
								7440-43-9	Cadmium	LT	5	UGL	DF		
								7440-47-3	Chromium	LT	10	UGL	DF		
								7440-48-4	Cobalt	LT	20	UGL	DF		
								7440-50-8	Copper	LT	5	UGL	DF		
								7440-62-2	Vanadium	LT	10	UGL	DF		
								7440-66-6	Zinc	LT	20	UGL	DF		

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW02	SNGWF*31	27.6	01-DEC-95	ES	SNGWF*31	ICP1/W	7440-70-2	Calcium		83100	UGL	DF		
	BGMW03	NGWF2*42	9.8	20-APR-96	ES	NGWF2*42	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		61300	UGL	F		
								7439-96-5	Manganese		8.12	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		4430	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		60100	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium	LT	25	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		541	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		79700	UGL	F		
		SNGW*127	0.0	23-JAN-96	ES	SNGW*127	PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*127	0.0	23-JAN-96	ES	SNGW*127	PAH1/W	91-57-6	2-Methylnaphthalene	LT	2	UGL			
		SNGW*154	0.0	13-FEB-96	ES	SNGW*154	1302/W		Total hardness		5.96 E 5	UGL			
							1601/W		Total dissolved solids		8.42 E 5	UGL			
							3101/W		Alkalinity		2.28 E 5	UGL			
							4104/W		Chemical oxygen demand	LT	5000	UGL			
										LT	50000	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		555	UGL			
							ANI1/W	14808-79-8	Sulfate		3.9 E 5	UGL			
								16887-00-6	Chloride		18000	UGL			
								16984-48-8	Fluoride		800	UGL			
			11.2	13-FEB-96	ES	SNGW*154	4151/W		Total organic carbon	LT	1000	UGL			
		SNGW*28	0.0	30-NOV-95	ES	SNGW*28	VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*28	0.0	30-NOV-95	ES	SNGW*28	VMS2/W	75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
			21.5	30-NOV-95	ES	SNGW*28	CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL		MI	
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
							GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*28	21.5	30-NOV-95	ES	SNGW*28	HBG1/W	75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		2390	UGL			
								7439-89-6	Iron		2410	UGL			
								7439-95-4	Magnesium		69200	UGL			
								7439-96-5	Manganese		60.7	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3690	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		53900	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		31.5	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		625	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper		5.03	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		92300	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6							

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*28	21.5	30-NOV-95	ES	SNGW*28	PST1/W	319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT 5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT 5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT 5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT 5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT 7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT 5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT .13	UGL			
								53494-70-5	Endrin ketone	LT 6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT 5.00 E -3	UGL			
								57-74-9	Chlordane	LT 3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT 5.00 E -3	UGL			
								60-57-1	Dieldrin	LT 5.00 E -3	UGL			
								72-20-8	Endrin	LT 5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT 9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT 5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT 7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT 2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT 5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT .6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT 5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT 10	UGL			
								100-02-7	4-Nitrophenol	LT 20	UGL			
								100-51-6	Benzyl alcohol	LT 2	UGL			
								105-67-9	2,4-Dimethylphenol	LT 2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT 2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT 2	UGL			
								106-47-8	4-Chloroaniline	LT 2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT 2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT 2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT 2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT 2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT 2	UGL			
								117-84-0	Di-n-octyl phthalate	LT 2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*28	21.5	30-NOV-95	ES	SNGW*28	SMV1/W	118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW*28	21.5	30-NOV-95	ES	SNGW*28	SMV1/W	88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
		SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	1302/W		Total hardness		5.76 E 5	UGL			
							1601/W		Total dissolved solids		7.74 E 5	UGL			
							3101/W		Alkalinity		2.35 E 5	UGL			
							4104/W		Chemical oxygen demand	LT	5000	UGL			
							4151/W		Total organic carbon	LT	1000	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		201	UGL			
							ANI1/W	14808-79-8	Sulfate		3.6 E 5	UGL			
								16887-00-6	Chloride		6100	UGL			
								16984-48-8	Fluoride		660	UGL			
							CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	GPB1/W	7439-92-1	Lead	LT	2	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		2580	UGL			
								7439-89-6	Iron		2360	UGL			
								7439-95-4	Magnesium		65400	UGL			
								7439-96-5	Manganese		56.3	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		3290	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		49800	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		33.2	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron		573	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		84000	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL		PORJ	
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	PST1/W	5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL		P	
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	SMV1/W	206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	SMV1/W	99-09-2	3-Nitroaniline		LT 10	UGL			
									4-Bromophenyl phenyl ether		LT 2	UGL			
									4-Chlorophenyl phenyl ether		LT 2	UGL			
							VMS2/W	100-41-4	Ethylbenzene		LT 2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *		LT 2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene		LT 2	UGL			
								107-06-2	1,2-Dichloroethane		LT 2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester		LT 10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*		LT 10	UGL			
								108-88-3	Toluene		LT 2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene		LT 2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene		LT 10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane		LT 2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*		LT 2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *		LT 2	UGL			
								56-23-5	Carbon tetrachloride		LT 2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone		LT 10	UGL			
								67-64-1	Acetone		LT 10	UGL			
								67-66-3	Chloroform		LT 2	UGL			
								71-43-2	Benzene		LT 2	UGL			
								71-55-6	1,1,1-Trichloroethane		LT 2	UGL			
								74-83-9	Bromomethane		LT 2	UGL			
								74-87-3	Chloromethane		LT 2	UGL			
								75-00-3	Chloroethane		LT 10	UGL			
								75-01-4	Vinyl chloride / Chloroethene		LT 2	UGL			
								75-09-2	Methylene chloride / Dichloromethane		LT 10	UGL			
								75-15-0	Carbon disulfide		LT 10	UGL			
								75-25-2	Bromoform		LT 2	UGL			
								75-27-4	Bromodichloromethane		LT 2	UGL			
								75-34-3	1,1-Dichloroethane		LT 2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene		LT 2	UGL			
								78-87-5	1,2-Dichloropropane		LT 2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone		LT 10	UGL			
								79-00-5	1,1,2-Trichloroethane		LT 2	UGL			
								79-01-6							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	VMS2/W	79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
			9.8	20-APR-96	ES	SNGW2*42	HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW03	SNGW2*42	9.8	20-APR-96	ES	SNGW2*42	PAH1/W	90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
		SNGWF*28	21.5	30-NOV-95	ES	SNGWF*28	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		69200	UGL	F		
								7439-96-5	Manganese		15.3	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		2730	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		52200	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium	LT	25	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		604	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		86800	UGL	F		
	BGMW04	NGWF2*17	2.8	17-APR-96	ES	NGWF2*17	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		35200	UGL	F		
								7439-96-5	Manganese	LT	5	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		773	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		50300	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		
								7440-39-3	Barium		26.3	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron		59.9	UGL	F		

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	NGWF2*17	2.8	17-APR-96	ES	NGWF2*17	ICP1/W	7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper		7.06	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		59000	UGL	F		
		SNGW*128	0.0	23-JAN-96	ES	SNGW*128	PAH1/W	120-12-7	Anthracene		.813	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene		.259	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene		7.13 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene		.125	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene		.731	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
		SNGW*155	0.0	13-FEB-96	ES	SNGW*155	1302/W		Total hardness		5.68 E 5	UGL			
							1601/W		Total dissolved solids		5.91 E 5	UGL			
							3101/W		Alkalinity		3.70 E 5	UGL			
							4104/W		Chemical oxygen demand		1.29 E 5	UGL			
										LT	5000	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		1600	UGL			
							ANI1/W	14808-79-8	Sulfate		77000	UGL			
								16887-00-6	Chloride		11000	UGL			
								16984-48-8	Fluoride	LT	500	UGL			
			5.2	13-FEB-96	ES	SNGW*155	4151/W		Total organic carbon	LT	1000	UGL			
		SNGW*29	0.0	30-NOV-95	ES	SNGW*29	VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4							

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW*29	0.0	30-NOV-95	ES	SNGW*29	VMS2/W	108-05-4	Vinyl acetate / Acetic acid vinyl ester		LT 10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*		LT 10	UGL			
								108-88-3	Toluene		LT 2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene		LT 2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene		LT 10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane		LT 2	UGL			
								127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*		LT 2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *		LT 2	UGL			
								56-23-5	Carbon tetrachloride		LT 2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone		LT 10	UGL			
								67-64-1	Acetone		LT 10	UGL			
								67-66-3	Chloroform		LT 2	UGL			
								71-43-2	Benzene		LT 2	UGL			
								71-55-6	1,1,1-Trichloroethane		LT 2	UGL			
								74-83-9	Bromomethane		LT 2	UGL			
								74-87-3	Chloromethane		LT 2	UGL			
								75-00-3	Chloroethane		LT 10	UGL			
								75-01-4	Vinyl chloride / Chloroethene		LT 2	UGL			
								75-09-2	Methylene chloride / Dichloromethane		LT 10	UGL			
								75-15-0	Carbon disulfide		LT 10	UGL			
								75-25-2	Bromoform		LT 2	UGL			
								75-27-4	Bromodichloromethane		LT 2	UGL			
								75-34-3	1,1-Dichloroethane		LT 2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene		LT 2	UGL			
								78-87-5	1,2-Dichloropropane		LT 2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone		LT 10	UGL			
								79-00-5	1,1,2-Trichloroethane		LT 2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*		LT 2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *		LT 2	UGL			
									Xylenes, total combined		LT 10	UGL			
									trans-1,3-Dichloropropene		LT 2	UGL			
			3.0	30-NOV-95	ES	SNGW*29	CYN1/W	57-12-5	Cyanide		LT 2.5	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene		LT .1	UGL			
								121-14-2	2,4-Dinitrotoluene		LT 6.00 E -2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW*29	3.0	30-NOV-95	ES	SNGW*29	EXL1/W	121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL		MI	
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
							GPB1/W	7439-92-1	Lead		3.3	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		1590	UGL			
								7439-89-6	Iron		1560	UGL			
								7439-95-4	Magnesium		31200	UGL			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW*29	3.0	30-NOV-95	ES	SNGW*29	ICP1/W	7439-96-5	Manganese		39.1	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		1890	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		85700	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		45.7	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron	LT	50	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			
								7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		53600	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate	LT	5.00 E -3	UGL			
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW*29	3.0	30-NOV-95	ES	SNGW*29	PST1/W	72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			
								105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW*29	3.0	30-NOV-95	ES	SNGW*29	SMV1/W	53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
		SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	1302/W		Total hardness		3.14 E 5	UGL			
							ANA2/W	14797-55-8	Nitrite, nitrate - nonspecific		1700	UGL			
							ANI1/W	14808-79-8	Sulfate		52000	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	ANI1/W	16887-00-6	Chloride		13000	UGL			
								16984-48-8	Fluoride	LT	500	UGL			
							CYN1/W	57-12-5	Cyanide	LT	2.5	UGL			
							HBG1/W	120-36-5	2-(2,4-Dichlorophenoxy)propionic acid Dichloroprop	LT	.1	UGL			
								1918-00-9	Dicamba / 2-Methoxy-3,6-dichlorobenzoic acid	LT	.1	UGL			
								7085-19-0	(+/-)-2-(4-Chloro-2-methylphenoxy)propanoic acid / MCPP / *	LT	3	UGL			
								75-99-0	Dalapon / alpha,alpha-Dichloropropionic acid / 2,2-Dichlor*	LT	.1	UGL			
								88-85-7	Dinoseb / 2,4-Dinitro-6-sec-butylphenol / 2-sec-Butyl-4,6-*	LT	.1	UGL			
								93-72-1	245TP / Silvex / 2-(2,4,5-Trichlorophenoxy)propionic acid *	LT	.1	UGL			
								93-76-5	245T / (2,4,5-Trichlorophenoxy)acetic acid / Trioxone / We*	LT	.1	UGL			
								94-74-6	(4-Chloro-2-methylphenoxy)acetic acid / (4-Chloro-o-tolylo*	LT	3	UGL			
								94-75-7	2,4-D / 2,4-Dichlorophenoxyacetic acid	LT	.1	UGL			
								94-82-6	2,4-DB / 4-(2,4-Dichlorophenoxy)butyric acid	LT	.1	UGL			
							PAH1/W	120-12-7	Anthracene	LT	.1	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	.1	UGL			
								191-24-2	Benzo[ghi]perylene	LT	.1	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	5.00 E -2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	.1	UGL			
								206-44-0	Fluoranthene	LT	2.00 E -2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	1.00 E -2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	.1	UGL			
								50-32-8	Benzo[a]pyrene	LT	1.00 E -2	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	5.00 E -2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2.00 E -2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			
								85-01-8	Phenanthrene	LT	.5	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	.5	UGL			
								90-12-0	1-Methylnaphthalene	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	1601/W		Total dissolved solids		4.00 E 5	UGL			
							3101/W		Alkalinity		3.20 E 5	UGL			
							4104/W		Chemical oxygen demand	LT	5000	UGL			
							4151/W		Total organic carbon	LT	1000	UGL			
							EXL1/W	118-96-7	2,4,6-Trinitrotoluene / alpha-Trinitrotoluene	LT	.1	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	6.00 E -2	UGL			
								121-82-4	RDX / Cyclonite / Hexahydro-1,3,5-trinitro-1,3,5-triazine *	LT	.2	UGL			
								2691-41-0	Cyclotetramethylenetetranitramine	LT	.2	UGL			
								479-45-8	Tetryl / N-Methyl-N,2,4,6-tetranitroaniline / Nitramine / *	LT	1	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	7.00 E -2	UGL			
								88-72-2	2-Nitrotoluene	LT	.2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	.1	UGL			
								99-08-1	3-Nitrotoluene	LT	.2	UGL			
								99-35-4	1,3,5-Trinitrobenzene	LT	.1	UGL			
								99-65-0	1,3-Dinitrobenzene	LT	.1	UGL			
								99-99-0	4-Nitrotoluene	LT	.2	UGL			
									2-Amino-4,6-dinitrotoluene	LT	.1	UGL			
									4-Amino-2,6dinitrotoluene	LT	.1	UGL			
							GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL			
							GPB1/W	7439-92-1	Lead		3	UGL			
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL			
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL			
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL			
							ICP1/W	7429-90-5	Aluminum		1090	UGL			
								7439-89-6	Iron		1020	UGL			
								7439-95-4	Magnesium		34300	UGL			
								7439-96-5	Manganese		29.3	UGL			
								7440-02-0	Nickel	LT	15	UGL			
								7440-09-7	Potassium		1170	UGL			
								7440-22-4	Silver	LT	5	UGL			
								7440-23-5	Sodium		51600	UGL			
								7440-36-0	Antimony	LT	50	UGL			
								7440-39-3	Barium		39.3	UGL			
								7440-41-7	Beryllium	LT	5	UGL			
								7440-42-8	Boron	LT	50	UGL			
								7440-43-9	Cadmium	LT	5	UGL			
								7440-47-3	Chromium	LT	10	UGL			
								7440-48-4	Cobalt	LT	20	UGL			
								7440-50-8	Copper	LT	5	UGL			
								7440-62-2	Vanadium	LT	10	UGL			

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Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	ICP1/W	7440-66-6	Zinc	LT	20	UGL			
								7440-70-2	Calcium		56400	UGL			
							PST1/W	1024-57-3	Heptachlor epoxide	LT	5.00 E -3	UGL			
								1031-07-8	Endosulfan sulfate		4.20 E -2	UGL	C		
								1104-28-2	PCB 1221	LT	.13	UGL			
								11096-82-5	PCB 1260	LT	.13	UGL			
								11097-69-1	PCB 1254	LT	.13	UGL			
								11141-16-5	PCB 1232	LT	.13	UGL			
								12672-29-6	PCB 1248	LT	.13	UGL			
								12674-11-2	PCB 1016	LT	.13	UGL			
								309-00-2	Aldrin	LT	5.00 E -3	UGL			
								319-84-6	alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-85-7	beta-Hexachlorocyclohexane / beta-Benzene hexachloride	LT	5.00 E -3	UGL			
								319-86-8	delta-Hexachlorocyclohexane / delta-Benzene hexachloride	LT	5.00 E -3	UGL			
								33213-65-9	Endosulfan II / beta-Endosulfan	LT	5.00 E -3	UGL			
								50-29-3	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	LT	7.00 E -3	UGL			
								5103-71-9	alpha-Chlordane	LT	5.00 E -3	UGL			
								53469-21-9	PCB 1242	LT	.13	UGL			
								53494-70-5	Endrin ketone	LT	6.00 E -3	UGL			
								5566-34-7	gamma-Chlordane	LT	5.00 E -3	UGL			
								57-74-9	Chlordane	LT	3.00 E -2	UGL			
								58-89-9	Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyc*	LT	5.00 E -3	UGL			
								60-57-1	Dieldrin	LT	5.00 E -3	UGL			
								72-20-8	Endrin	LT	5.00 E -3	UGL			
								72-43-5	Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylide*	LT	9.00 E -3	UGL			
								72-54-8	ppDDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhoth*	LT	5.00 E -3	UGL			
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	LT	7.00 E -3	UGL			
								7421-93-4	Endrin aldehyde	LT	2.00 E -2	UGL			
								76-44-8	Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrah*	LT	5.00 E -3	UGL			
								8001-35-2	Toxaphene / Chlorinated camphene / Camphechlor / Alltox / *	LT	.6	UGL			
								959-98-8	Endosulfan I / alpha-Endosulfan	LT	5.00 E -3	UGL			
							SMV1/W	100-01-6	4-Nitroaniline	LT	10	UGL			
								100-02-7	4-Nitrophenol	LT	20	UGL			
								100-51-6	Benzyl alcohol	LT	2	UGL			

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	SMV1/W	105-67-9	2,4-Dimethylphenol	LT	2	UGL			
								106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	LT	2	UGL			
								106-46-7	1,4-Dichlorobenzene	LT	2	UGL			
								106-47-8	4-Chloroaniline	LT	2	UGL			
								108-60-1	Bis(2-chloroisopropyl) ether	LT	2	UGL			
								108-95-2	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	LT	2	UGL			
								111-44-4	Bis(2-chloroethyl) ether	LT	2	UGL			
								111-91-1	Bis(2-chloroethoxy) methane	LT	2	UGL			
								117-81-7	Bis(2-ethylhexyl) phthalate	LT	2	UGL			
								117-84-0	Di-n-octyl phthalate	LT	2	UGL			
								118-74-1	Hexachlorobenzene	LT	2	UGL			
								120-12-7	Anthracene	LT	2	UGL			
								120-82-1	1,2,4-Trichlorobenzene	LT	2	UGL			
								120-83-2	2,4-Dichlorophenol	LT	2	UGL			
								121-14-2	2,4-Dinitrotoluene	LT	2	UGL			
								129-00-0	Benzo[def]phenanthrene / Pyrene	LT	2	UGL			
								131-11-3	Dimethyl phthalate	LT	2	UGL			
								132-64-9	Dibenzofuran	LT	2	UGL			
								191-24-2	Benzo[ghi]perylene	LT	2	UGL			
								193-39-5	Indeno[1,2,3-C,D]pyrene	LT	2	UGL			
								205-99-2	Benzo[b]fluoranthene / 3,4-Benzofluoranthene	LT	2	UGL			
								206-44-0	Fluoranthene	LT	2	UGL			
								207-08-9	Benzo[k]fluoranthene	LT	2	UGL			
								208-96-8	Acenaphthylene	LT	2	UGL			
								218-01-9	Chrysene	LT	2	UGL			
								50-32-8	Benzo[a]pyrene	LT	2	UGL			
								51-28-5	2,4-Dinitrophenol	LT	30	UGL			
								53-70-3	Dibenz[ah]anthracene / 1,2:5,6-Dibenzanthracene	LT	2	UGL			
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol	LT	20	UGL			
								541-73-1	1,3-Dichlorobenzene	LT	2	UGL			
								56-55-3	Benzo[a]anthracene	LT	2	UGL			
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	LT	2	UGL			
								606-20-2	2,6-Dinitrotoluene	LT	2	UGL			
								621-64-7	N-Nitrosodi-n-propylamine	LT	2	UGL			
								65-85-0	Benzoic acid	LT	20	UGL			
								67-72-1	Hexachloroethane	LT	2	UGL			
								77-47-4	Hexachlorocyclopentadiene	LT	10	UGL			
								78-59-1	Isophorone	LT	2	UGL			
								83-32-9	Acenaphthene	LT	2	UGL			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Sheridan, IL (SN)
File Type: CGW
Sampling Date Range: 01-JAN-75 01-JUL-96

Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	SMV1/W	84-66-2	Diethyl phthalate	LT	2	UGL			
								84-74-2	Di-n-butyl phthalate	LT	2	UGL			
								85-01-8	Phenanthrene	LT	2	UGL			
								85-68-7	Butylbenzyl phthalate	LT	2	UGL			
								86-30-6	N-Nitrosodiphenylamine	LT	2	UGL			
								86-73-7	Fluorene / 9H-Fluorene	LT	2	UGL			
								86-74-8	Carbazole / 9H-Carbazole	LT	2	UGL			
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-butadiene	LT	2	UGL			
								87-86-5	Pentachlorophenol	LT	10	UGL			
								88-06-2	2,4,6-Trichlorophenol	LT	2	UGL			
								88-74-4	2-Nitroaniline	LT	10	UGL			
								88-75-5	2-Nitrophenol	LT	2	UGL			
								91-20-3	Naphthalene / Tar camphor	LT	2	UGL			
								91-57-6	2-Methylnaphthalene	LT	2	UGL			
								91-58-7	2-Chloronaphthalene	LT	2	UGL			
								91-94-1	3,3'-Dichlorobenzidine	LT	10	UGL			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT	2	UGL			
								95-50-1	1,2-Dichlorobenzene	LT	2	UGL			
								95-57-8	2-Chlorophenol	LT	2	UGL			
								95-95-4	2,4,5-Trichlorophenol	LT	2	UGL			
								98-95-3	Nitrobenzene / Essence of mirbane / Oil of mirbane	LT	2	UGL			
								99-09-2	3-Nitroaniline	LT	10	UGL			
									4-Bromophenyl phenyl ether	LT	2	UGL			
									4-Chlorophenyl phenyl ether	LT	2	UGL			
									Unknown compound 631		6	UGL	S		
							VMS2/W	100-41-4	Ethylbenzene	LT	2	UGL			
								100-42-5	Styrene / Ethenylbenzene / Styrol / Styrolene / Cinnamene *	LT	2	UGL			
								10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene	LT	2	UGL			
								107-06-2	1,2-Dichloroethane	LT	2	UGL			
								108-05-4	Vinyl acetate / Acetic acid vinyl ester	LT	10	UGL			
								108-10-1	Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pen*	LT	10	UGL			
								108-88-3	Toluene	LT	2	UGL			
								108-90-7	Chlorobenzene / Monochlorobenzene	LT	2	UGL			
								110-75-8	2-Chloroethyl vinyl ether / (2-Chloroethoxy)ethene	LT	10	UGL			
								124-48-1	Dibromochloromethane / Chlorodibromomethane	LT	2	UGL			
								127-18-4							

* - Analyte Description has been truncated. See Data Dictionary

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGW2*17	2.8	17-APR-96	ES	SNGW2*17	VMS2/W	127-18-4	Tetrachloroethylene / Tetrachloroethene / Perchloroethylen*	LT	2	UGL			
								540-59-0	1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *	LT	2	UGL			
								56-23-5	Carbon tetrachloride	LT	2	UGL			
								591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT	10	UGL			
								67-64-1	Acetone	LT	10	UGL			
								67-66-3	Chloroform	LT	2	UGL			
								71-43-2	Benzene	LT	2	UGL			
								71-55-6	1,1,1-Trichloroethane	LT	2	UGL			
								74-83-9	Bromomethane	LT	2	UGL			
								74-87-3	Chloromethane	LT	2	UGL			
								75-00-3	Chloroethane	LT	10	UGL			
								75-01-4	Vinyl chloride / Chloroethene	LT	2	UGL			
								75-09-2	Methylene chloride / Dichloromethane	LT	10	UGL			
								75-15-0	Carbon disulfide	LT	10	UGL			
								75-25-2	Bromoform	LT	2	UGL			
								75-27-4	Bromodichloromethane	LT	2	UGL			
								75-34-3	1,1-Dichloroethane	LT	2	UGL			
								75-35-4	1,1-Dichloroethylene / 1,1-Dichloroethene	LT	2	UGL			
								78-87-5	1,2-Dichloropropane	LT	2	UGL			
								78-93-3	Methyl ethyl ketone / 2-Butanone	LT	10	UGL			
								79-00-5	1,1,2-Trichloroethane	LT	2	UGL			
								79-01-6	Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*	LT	2	UGL			
								79-34-5	Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene *	LT	2	UGL			
									Xylenes, total combined	LT	10	UGL			
									trans-1,3-Dichloropropene	LT	2	UGL			
		SNGWF*29	3.0	30-NOV-95	ES	SNGWF*29	GAS1/W	7440-38-2	Arsenic	LT	2.5	UGL	F		
							GPB1/W	7439-92-1	Lead	LT	2	UGL	F		
							GSE1/W	7782-49-2	Selenium	LT	2.5	UGL	F		
							GTL1/W	7440-28-0	Thallium	LT	2.5	UGL	F		
							HGC1/W	7439-97-6	Mercury	LT	.2	UGL	F		
							ICP1/W	7429-90-5	Aluminum	LT	40	UGL	F		
								7439-89-6	Iron	LT	45	UGL	F		
								7439-95-4	Magnesium		28400	UGL	F		
								7439-96-5	Manganese		6.85	UGL	F		
								7440-02-0	Nickel	LT	15	UGL	F		
								7440-09-7	Potassium		1260	UGL	F		
								7440-22-4	Silver	LT	5	UGL	F		
								7440-23-5	Sodium		84800	UGL	F		
								7440-36-0	Antimony	LT	50	UGL	F		

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Site Type	Site ID	Field Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	Me Bo	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
WELL	BGMW04	SNGWF*29	3.0	30-NOV-95	ES	SNGWF*29	ICP1/W	7440-39-3	Barium		35.7	UGL	F		
								7440-41-7	Beryllium	LT	5	UGL	F		
								7440-42-8	Boron	LT	50	UGL	F		
								7440-43-9	Cadmium	LT	5	UGL	F		
								7440-47-3	Chromium	LT	10	UGL	F		
								7440-48-4	Cobalt	LT	20	UGL	F		
								7440-50-8	Copper	LT	5	UGL	F		
								7440-62-2	Vanadium	LT	10	UGL	F		
								7440-66-6	Zinc	LT	20	UGL	F		
								7440-70-2	Calcium		48800	UGL	F		

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* - Analyte Description has been truncated. See Data Dictionary

Appendix H

Example Calculations for Outlier Test and UTLs

Appendix H.
Example Calculations for Outlier Test and UTLs

The methodologies used in performing the outlier test and calculating the one-sided upper 95 percent tolerance limits (UTLs) were derived from *U.S. EPA Statistical Analysis of Ground-water Monitoring Data at RCRA Facilities: Interim Final Guidance* (USEPA 1989) and the *Addendum to Interim Final Guidance* (USEPA 1992).

SAS® programs were written to perform the outlier test and UTL calculations, but several calculations were checked by hand to ensure the proper functioning of the programs. Three examples of outlier test calculations and eight examples of UTL calculations are provided below.

Outlier Test Calculations

There were three cases for the outlier test calculations:

(1) normally distributed (Distribution=Normal) (e.g., copper in soil at depths >1');

(2) lognormally distributed (Distribution=Lognormal) (e.g., aluminum in groundwater); and

(3) neither normally nor lognormally distributed (Distribution=Nonpar/Lognrm) (e.g., arsenic in groundwater).

In the third case, a nonparametric (Nonpar) method would be appropriate, but one was not provided in the USEPA 1989 or 1992 guidance. As a result, lognormal theory was used as "one can avoid classifying a high lognormal measurement as an outlier just because the test assumptions were violated" (USEPA, 1992, Section 6.2). Additionally, the three examples illustrate how nondetects and duplicates were handled.

The results of the outlier tests are provided in Tables 4-1 through 4-4. The sample size represents the number of samples after averaging duplicates. If the distribution is "Lognormal" or "Nonpar/Lognrm," then the maximum detected concentration, average concentration, and standard deviation represent the natural logarithm of these values. To transform them back to units of µg/g-dry or µg/L, simply exponentiate them (e.g., the maximum detected concentration of arsenic in groundwater is $e^{2.22}$=9.2). The natural logarithm-transformed values are provided in the table for ease of calculating the test statistic, T_n.

As recommended by USEPA 1992, (Sections 1.1.4 and 6.2), the distributions of all data except the potential outlier were tested using the Shapiro-Wilk test. The Shapiro-Wilk test is considered one of the very best tests of normality available (USEPA, 1992, Section 1.1.4). Since the calculations are computationally intensive, the SAS® output from the NORMAL option of PROC UNIVARIATE is provided. For an example of how the Shapiro-Wilk test is performed by hand, see UTL example calculations (4) and (5) of the "UTL Calculations" section below. UTL example calculation (4) results in the determination that the data are normally distributed, whereas UTL example calculation (5) results in the determination that the data are lognormally distributed.

(1) All data except suspect observation are normally distributed [e.g., copper in soil (>1')]

Duplicate samples are averaged.

Sample ID	Copper Concentration (µg/g-dry)	Natural Log of Concentration
BGS-1X	16.7	2.8154
BGS-1X	19.8	2.9857
BGS-2X and DUP	(18.7+14.6)/2 =16.65	2.8124
BGS-2X	19.2	2.9549
BGS-3X and DUP	(19.7+19.1)/2 =19.4	2.9653
BGS-3X	21.1	3.0493
BGS-4X and DUP	(21.9+18.1)/2 =20.0	2.9957
BGS-4X	19.0	2.9444
BGS-5X	16.9	2.8273
BGS-5X	21.6	3.0727
BGS-6X	20.1	3.0007
BGS-6X	25.8 suspect observation	3.2504
BGS-7X and DUP	(18.2+18.8)/2 =18.5	2.9178
BGS-7X	18.4	2.9124
BGS-8X	18.7	2.9285
BGS-8X	19.9	2.9907
BGS-9X	13.1	2.5726
BGS-9X	19.3	2.9601

The SAS® PROC UNIVARIATE output at the end of this appendix provides the results of the Shapiro-Wilk test for lognormality and normality. First, all the data except for the suspect observation were tested for lognormality (Variable=LNCONC) and were found not to be lognormally distributed as the "Pr<W" value was less than 0.05 (0.0072). Then, the data were tested for normality (Variable=CONC) and were found to be normally distributed as the "Pr<W" value was greater than 0.05 (0.0509). As a result, the formulas for the outlier test (USEPA, 1989, Section 8.2) are applied to the nontransformed data.

$$T_n = \frac{x_n - \bar{x}}{S} = \frac{25.8 - 19.1194}{2.5649} = 2.60$$

where T_n = outlier test statistic;
x_n = largest observation;
$\bar{x}$ = sample mean of all data, including the suspect observation; and
S = sample standard deviation of all data, including the suspect observation.

In Table 8 of Appendix B *Critical Values for T_n when the Standard Deviation is Calculated from the Same Sample* (USEPA, 1989), it is seen that the upper 5% significance level for 18 observations is 2.504. Since 2.60 is greater than 2.504, we conclude that the largest observation, 25.8 µg/g-dry from BGS-6X, is a statistical outlier. Since there was no valid explanation for this higher value, the value was retained throughout the analyses.

(2) All data except suspect observation are lognormally distributed (e.g., aluminum in groundwater)

Note that the BGMW02DUP sample (36,200 µg/L) was excluded from the outlier analysis as it was determined to be a result of sampling error since it was higher than the corresponding primary sample.

Sample ID	Aluminum Concentration (µg/L)	Natural Log of Concentration
BGMW01	1870	7.5337
BGMW01	21400 suspect observation	9.9711
BGMW02	4670	8.4489
BGMW02	3090	8.0359
BGMW03	2390	7.7790
BGMW03	2580	7.8555
BGMW04	1590	7.3715
BGMW04	1090	6.9939

The SAS® PROC UNIVARIATE output at the end of this appendix provides the results of the Shapiro-Wilk test for lognormality and normality. First, all the data except the suspect observation of 21,400 were tested for lognormality (Variable=LNCONC) and were found to be lognormally distributed as the "Pr<W" value was greater than 0.05 (0.9982). Since the data were found to be lognormal, they were not tested for normality (USEPA, 1992). As a result, the formulas for the outlier test (USEPA, 1989b, Section 8.2) are applied to the natural logarithm-transformed data.

$$T_n = \frac{x_n - \bar{x}}{S} = \frac{9.9711 - 7.9987}{0.9089} = 2.17$$

where T_n = outlier test statistic;
x_n = largest observation;

$\bar{x}$ = sample mean of all data, including the suspect observation; and
S = sample standard deviation of all data, including the suspect observation.

In Table 8 of Appendix B *Critical Values for T_n when the Standard Deviation is Calculated from the Same Sample* (USEPA, 1989), it is seen that the upper 5% significance level for 8 observations is 2.032. Since 2.17 is greater than 2.032, we conclude that the largest observation, 21,400 µg/L from BGMW01, is a statistical outlier. Since there were several Round 2 BGMW01 constituents that were elevated, the aluminum value was eliminated from the UTL analyses.

(3) All data except suspect observation are neither normally nor lognormally distributed (e.g., arsenic in groundwater)

Note that the BGMW02DUP sample (19.4 µg/L) was excluded from the outlier analysis as it was determined to have sampling error since it was higher than the corresponding primary sample. Samples below the analytical detection limit were halved (USEPA, 1989, Section 5.3.3).

Sample ID	Arsenic Concentration (µg/L)	Natural Log of Concentration
BGMW01	< 2.5 → 2.5 / 2 = 1.25	0.2231
BGMW01	9.2 suspect observation	2.2192
BGMW02	4.6	1.5261
BGMW02	3.6	1.2809
BGMW03	< 2.5 → 2.5 / 2 = 1.25	0.2231
BGMW03	< 2.5 → 2.5 / 2 = 1.25	0.2231
BGMW04	< 2.5 → 2.5 / 2 = 1.25	0.2231
BGMW04	< 2.5 → 2.5 / 2 = 1.25	0.2231

The SAS® PROC UNIVARIATE output at the end of this appendix provides the results of the Shapiro-Wilk test for lognormality and normality. First, all the data except the suspect observation of 9.2 were tested for lognormality (Variable=LNCONC) and were found not to be lognormally distributed as the "Pr<W" value was less than 0.05 (0.0007). Since the data were not found to be lognormal, they were tested for normality (USEPA, 1992). The data were found not to be normally distributed as the "Pr<W" value was less than 0.05 (0.0009). As a result, the formulas for the outlier test (USEPA, 1989, Section 8.2) were applied to the natural logarithm-transformed data to "avoid classifying a high lognormal measurement as an outlier just because the test assumptions were violated" (USEPA, 1992, Section 6.2).

$$T_n = \frac{x_n - \bar{x}}{S} = \frac{2.2192 - 0.7677}{0.7954} = 1.82$$

where T_n = outlier test statistic;
x_n = largest observation;
$\bar{x}$ = sample mean of all data, including the suspect observation; and
S = sample standard deviation of all data, including the suspect observation.

In Table 8 of Appendix B *Critical Values for T_n when the Standard Deviation is Calculated from the Same Sample* (USEPA, 1989), it is seen that the upper 5% significance level for 8 observations is 2.032. Since 1.82 is less than 2.032, we conclude that the largest observation, 9.2 µg/L from BGMW01, is not a statistical outlier.

UTL Calculations

The following example calculations illustrate the techniques used in calculating the UTLs:

(1) nonparametric because of P_{ND} being between 0.50 and 0.90 (e.g., arsenic in groundwater);

(2) nonparametric because the data were neither normally nor lognormally distributed (e.g., magnesium in soil >1');

(3) normally distributed with no adjustment (e.g., chromium in soil >1');

(4) normally distributed with Aitchison's adjustment (e.g., beryllium in soil 0-1');

(5) lognormally distributed with no adjustment (e.g., aluminum in groundwater);

(6) lognormally distributed with Aitchison's adjustment (e.g., lead in groundwater);

(7) lognormally distributed with Cohen's adjustment (e.g., barium in soil 0-1'); and

(8) poisson distributed (e.g., antimony in soil 0-1').

Various combinations of detects, nondetects, duplicated samples, and nonduplicated samples are seen in the eight UTL example calculations (presence of both duplicates and nondetects, duplicates only, nondetects only, and neither duplicates nor nondetects). Since the Shapiro-Wilk test is computationally intensive, verifications of the SAS® program were performed for UTL example calculations (4) and (5). SAS® output is provided at the end of this appendix for the six UTL example calculations requiring tests of lognormality and/or normality. Additionally, since the determination of whether to use Aitchison's or Cohen's adjustment is computationally intensive, verification of the SAS® program that makes the determination was performed for UTL example calculation (4).

(1) Nonparametric UTL since the proportion of nondetects, P_{ND}, is between 0.50 and 0.90 (e.g., arsenic in groundwater)

If more than 50 percent but less than 90 percent of the samples were nondetect, parametric statistical intervals were abandoned in favor of nonparametric alternatives (USEPA, 1992, Section 2.2.3). In such a nonparametric setting, the maximum value or maybe the second largest value observed is the UTL (USEPA, 1992, Section 4.1.1).

The background data for arsenic in groundwater are presented in the following table. Note that the BGMW02DUP (19.4 µg/L) and Round 2 BGMW01 samples were eliminated as outliers.

Sample ID	Arsenic Concentration (µg/L)
BGMW01	< 2.5 → 2.5 / 2 = 1.25
BGMW02	4.6
BGMW02	3.6
BGMW03	< 2.5 → 2.5 / 2 = 1.25
BGMW03	< 2.5 → 2.5 / 2 = 1.25
BGMW04	< 2.5 → 2.5 / 2 = 1.25
BGMW04	< 2.5 → 2.5 / 2 = 1.25

BGMW01, 03, and 04 are nondetects and, therefore, are halved (2.5 µg/L / 2 = 1.5 µg/L).

The P_{ND} = 5 nondetects / 7 total samples = 0.71. Because between the P_{ND} is between 0.50 and 0.90, the nonparametric UTL was calculated.

The UTL is the maximum detected concentration of 4.6 µg/L for the above data.

Since the sample size is 7, the minimum coverage (beta) of the 95 percent confidence nonparametric UTLs is 65.2 percent (USEPA, 1992, Table A-6).

(2) **Nonparametric UTL since the data are neither normal nor lognormal [e.g., magnesium in soil (>1')]**

"If the lognormal distribution is rejected by a statistical test, one can either test the normality of the original data, if it was not already done, or use a nonparametric technique on the ranks of the observations" (USEPA, 1992, Section 1.1).

See SAS® univariate procedure with normal option output at the end of this appendix for Shapiro-Wilk test results. The "Pr<W" values for the natural logarithm transformed and untransformed data are 0.0001 and 0.0002, respectively, thus indicating that the data are neither lognormal nor normal since both values are less than 0.05.

As seen in the SAS® output for "Variable=CONC", the UTL is the maximum detected concentration of 42,400 µg/g-dry. The data are not shown due to the large sample size of 22 (18 after averaging duplicates).

Since the sample size after averaging duplicates is 18, the minimum coverage (beta) of the 95 percent confidence nonparametric UTLs is 84.7 percent (USEPA, 1992, Table A-6).

(3) **UTL using untransformed data and no adjustments (Aitchison's or Cohen's) since the data are normally distributed and the P_{ND} is less than 0.15 [e.g. chromium in soil (>1')].**

P_{ND} is 0 since all concentrations were detected.

See SAS® univariate procedure with normal option output at the end of this appendix for Shapiro-Wilk test results. The "Pr<W" values for the natural logarithm transformed and untransformed data are 0.03 and 0.24, respectively, thus indicating that the data are normally distributed since "Pr<W" for the untransformed data is greater than 0.05. For an example of the Shapiro-Wilk test calculations, see UTL example calculations (4) and (5). The hand calculations are omitted for this example calculation because the test is computationally intensive.

Duplicate samples are averaged.

Sample ID	Chromium Concentration (µg/g-dry)
BGS-1X	14.8
BGS-1X	11.2
BGS-2X and DUP	(17.0+20.8)/2 =18.9
BGS-2X	16.4
BGS-3X	15.8
BGS-3X and DUP	(16.1+15.0)/2 =15.55
BGS-4X	14.1
BGS-4X and DUP	(14.6+15.8)/2 =15.2
BGS-5X	12.4
BGS-5X	17.2
BGS-6X	18.0
BGS-6X	14.8
BGS-7X	18.1
BGS-7X and DUP	(13.7+14.7)/2 =14.2
BGS-8X	9.13
BGS-8X	16.9
BGS-9X	8.88
BGS-9X	14.0

From the SAS® output at the end of this appendix, it is seen that the sample mean ($\bar{x}$) and standard deviation (S) are 14.8 and 2.87, respectively. The K value for n=18 is 1.787, as calculated below.

$$K = t_{n-1,1-\beta}\sqrt{1+\frac{1}{n}} = t_{17,0.05}\sqrt{1+\frac{1}{18}} = 1.740\sqrt{1.0555} = 1.787$$

$$UTL = \bar{x} + KS = 14.8 + 1.787(2.87) = 19.9\ \mu g/g\text{-}dry$$

where $t_{n-1,1-\beta}$ = $(1-\beta)^{th}$ upper percentile of the t-distribution with n-1 degrees of freedom;
n = sample size after duplicates are averaged;
$\bar{x}$ = sample mean of all data with duplicates averaged;
K = a tolerance factor used to adjust the width of the tolerance interval to achieve an average coverage of 95 percent; and
S = sample standard deviation of all data with duplicates averaged.

(4) UTL using untransformed data and Aitchison's adjustment since the data are normally distributed and P_{ND} is between 0.15 and 0.50 [e.g., beryllium in soil (0-1')]

P_{ND} is 2 nondetects / 10 total samples = 0.20, which is between 0.15 and 0.50, which is the recommended P_{ND} for Aitchison's or Cohen's adjustment.

See SAS® univariate procedure with normal option output at the end of this appendix for Shapiro-Wilk test results. The "Pr<W" values for the natural logarithm transformed and untransformed data are 0.02 and 0.16, respectively, thus indicating that the data are normally distributed since "Pr<W" for the untransformed data is greater than 0.05.

Samples below the analytical detection limit are halved (USEPA, 1989a, Section 5.3.3).

Sample ID	Beryllium Concentration (µg/g-dry)	Natural Log of Concentration
BGS-1X	< 0.50 → 0.50 / 2 = 0.25	-1.386
BGS-2X	1.28	0.247
BGS-3X	1.19	0.174
BGS-4X	< 0.50 → 0.50 / 2 = 0.25	-1.386
BGS-5X	1.27	0.239
BGS-6X	0.698	-0.360
BGS-7X	0.781	-0.247
BGS-8X	1.34	0.293
BGS-9X	0.629	-0.464
BGSS-10	1.08	0.077

The data are first tested for lognormality and then tested for normality since the data fail the test for lognormality. The Shapiro-Wilk test of normality and lognormality can be found in Section 1.1.4 of USEPA, 1992. The Shapiro-Wilk test for lognormality follows:

Sample ID	Natural Log of Concentration $\ln(x_{(i)})$	Reverse Order $\ln(x_{(n-i+1)})$	$\ln(x_{(n-i+1)})-\ln(x_{(i)})$	a_{n-i+1}	$b_i = [\ln(x_{(n-i+1)})-\ln(x_{(i)})] * a_{n-i+1}$
BGS-4X	-1.386	0.293	1.680	0.5739	0.9636
BGS-1X	-1.386	0.247	1.633	0.3291	0.5375
BGS-9X	-0.464	0.238	0.703	0.2141	0.1504
BGS-6X	-0.360	0.174	0.534	0.1224	0.0653
BGS-7X	-0.247	0.077	0.324	0.0399	0.0129
BGSS-10	0.077	-0.247	-0.324	--	--
BGS-3X	0.174	-0.360	-0.534	--	--
BGS-5X	0.239	-0.464	-0.703	--	--
BGS-2X	0.247	-1.386	-1.633	--	--
BGS-8X	0.293	-1.386	-1.680	--	--

$$b = \Sigma b_i = 0.9636 + 0.5375 + 0.1504 + 0.0653 + 0.0129 = 1.730$$

$$S = 0.64$$

$$W_{calc} = \left[\frac{b}{S\sqrt{n-1}}\right]^2 = \left[\frac{1.730}{0.64\sqrt{10-1}}\right]^2 = 0.81$$

$$W_{table,\, n=10,\, \alpha=0.05} = 0.842 \text{ (}USEPA\text{, 1992, } Table\ A\text{-2)}$$

where b = sum of $[\ln(x_{(n-i+1)})-\ln(x_{(i)})] \times a_{n-i+1}$;
S = sample standard deviation; and
n = sample size.

If $W_{table} < W_{calc}$, then the data are lognormally distributed. Since 0.842 is not less than 0.81, the data are not lognormally distributed. See also the SAS® univariate procedure with normal option (Variable=LNCONC) output at the end of this appendix for Shapiro-Wilk test results. The

"W:Normal" from the SAS® output is 0.812, which is slightly different from the above calculation which produced a W_{calc} of 0.809. The difference is likely due to the rounding in Table A-1 (USEPA, 1992). The output shows that "Pr<W"=0.02, which is less than 0.05, thus also indicating that the data are not lognormal. Since the data are not lognormally distributed, it is necessary that they be tested to see if they are normally distributed (USEPA, 1992).

The Shapiro-Wilk test of normality is as follows:

Sample ID	Concentration $x_{(i)}$	Reverse Order $x_{(n-i+1)}$	$x_{(n-i+1)}$- $x_{(i)}$	a_{n-i+1}	b_i = $[x_{(n-i+1)}-x_{(i)}]$ * a_{n-i+1}
BGS-4X	0.25	1.34	1.09	0.5739	0.6256
BGS-1X	0.25	1.28	1.03	0.3291	0.3390
BGS-9X	0.629	1.27	0.641	0.2141	0.1372
BGS-6X	0.698	1.19	0.492	0.1224	0.0602
BGS-7X	0.781	1.08	0.299	0.0399	0.0119
BGSS-10	1.08	0.781	-0.299	--	--
BGS-3X	1.19	0.698	-0.492	--	--
BGS-5X	1.27	0.629	-0.641	--	--
BGS-2X	1.28	0.25	-1.03	--	--
BGS-8X	1.34	0.25	-1.09	--	--

$$b = \Sigma b_i = 0.6256 + 0.3390 + 0.1372 + 0.0602 + 0.0119 = 1.174$$

$$S = 0.416$$

$$W_{calc} = \left[\frac{b}{S\sqrt{n-1}}\right]^2 = \left[\frac{1.174}{0.416\sqrt{10-1}}\right]^2 = 0.88$$

$$W_{table,\, n=10,\, \alpha=0.05} = 0.842 \ (USEPA,\ 1992,\ Table\ A\text{-}2)$$

where b = sum of $[\ln(x_{(n-i+1)})-\ln(x_{(i)})] \times a_{n-i+1}$;
S = sample standard deviation; and
n = sample size.

If $W_{table} < W_{calc}$, then data are normally distributed. Since 0.842 is less than 0.88, the data are normally distributed. See also the SAS® univariate procedure with normal option (Variable=CONC) output at the end of this appendix for Shapiro-Wilk test results. The output shows that

"W:Normal"=0.889, which is slightly different from the above calculation's W_{calc} of 0.884, is most likely due to the rounding from Table A-1 in the USEPA 1992 guidance. It is likely that the coefficients, a_{n-I+1}, were not rounded to four decimal points in SAS®, but were in Table A-1 (USEPA, 1992). The output also shows that "Pr<W"=0.16, which is greater than 0.05, thus also indicating that the data are normally distributed. Since the data are normal, the UTL should be calculated using the untransformed data.

The next step was to determine if the data should be adjusted using Aitchison's or Cohen's adjustment (USEPA, 1992, Section 2.2). The table below outlines the process used in making this determination:

Order (I)	Beryllium Concentration (µg/g-dry)	Censored Probabilities I/(n+1)=I/11	Normal Quantiles of Censored	Detects Only Probabilities I/(n+1)=I/9	Normal Quantiles of Detects Only
1	< 0.50	0.0909	-1.3352	nondetect	--
2	< 0.50	0.1818	-0.9085	nondetect	--
3	0.629	0.2727	-0.6046	0.1111	-1.2206
4	0.698	0.3636	-0.3488	0.2222	-0.7647
5	0.781	0.4545	-0.1142	0.3333	-0.4307
6	1.08	0.5454	0.1142	0.4444	-0.1397
7	1.19	0.6364	0.3488	0.5556	0.1397
8	1.27	0.7273	0.6046	0.6667	0.4307
9	1.28	0.8182	0.9085	0.7778	0.7647
10	1.34	0.9091	1.3352	0.8889	1.2206

From the above table, probability plots (see Figures H-1 and H-2) were created and correlation coefficients were computed from the detected beryllium concentrations (x_{3-10}) and normal quantiles (y_{3-10}). If Aitchison's adjustment is more appropriate, the correlation coefficient using the normal quantiles of the detects only will be greater than the correlation coefficient using the normal quantiles of the censored data. If Cohen's adjustment is more appropriate, the correlation coefficient using the normal quantiles of the censored data will be greater than the correlation coefficient using the detects only.

Because it is not clear which of the censored or detects-only probability plots is more linear, probability plot correlation coefficients were computed for both approaches (note that the correlations should only involve the points actually plotted, that is, detected concentrations). The plot with the higher correlation coefficient will produce the most linear trend (USEPA, 1992, Section 2.2.1).

The following table is the basis for the correlation coefficient to determine if Cohen's adjustment is more appropriate.

Detected Beryllium Concentrations, x_i (µg/g-dry)	Normal Quantiles of Censored, y_i	Average of x_is, $\bar{x}$	Average of y_is, $\bar{y}$	$x_i-\bar{x}$	$(x_i-\bar{x})^2$	$y_i-\bar{y}$	$(y_i-\bar{y})^2$	$(x_i-\bar{x})*(y_i-\bar{y})$
0.629	-0.6046	1.0335	0.2805	-0.4045	0.1636	-0.8850	0.7833	0.3580
0.698	-0.3488	1.0335	0.2805	-0.3355	0.1126	-0.6292	0.3959	0.2111
0.781	-0.1142	1.0335	0.2805	-0.2525	0.0638	-0.3946	0.1557	0.0996
1.08	0.1142	1.0335	0.2805	0.0465	0.0022	-0.1663	0.0276	-0.0077
1.19	0.3488	1.0335	0.2805	0.1565	0.0245	0.0683	0.0047	0.0107
1.27	0.6046	1.0335	0.2805	0.2365	0.0559	0.3241	0.1051	0.0767
1.28	0.9085	1.0335	0.2805	0.2465	0.0608	0.6280	0.3944	0.1548
1.34	1.3352	1.0335	0.2805	0.3065	0.0939	1.0547	1.1124	0.3233
					sum= 0.577		sum= 2.98	sum= 1.23

$$correlation\ coefficient_{Cohen} = \frac{\sum_{i=1}^{n}(x_i-\bar{x})(y_i-\bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i-\bar{x})^2 \sum_{i=1}^{n}(y_i-\bar{y})^2}} = \frac{1.23}{\sqrt{0.577x2.98}} = 0.94$$

The following table is the basis for the correlation coefficient to determine if Aitchison's adjustment is more appropriate.

Detected Beryllium Concentrations, x_i (µg/g-dry)	Normal Quantiles of Detects Only, y_i	Average of x_is, $\bar{x}$	Average of y_is, $\bar{y}$	$x_i-\bar{x}$	$(x_i-\bar{x})^2$	$y_i-\bar{y}$	$(y_i-\bar{y})^2$	$(x_i-\bar{x})*(y_i-\bar{y})$
0.629	-1.2206	1.0335	0.00	-0.4045	0.1636	-1.2206	1.4900	0.4937
0.698	-0.7647	1.0335	0.00	-0.3355	0.1126	-0.7647	0.5848	0.2566
0.781	-0.4307	1.0335	0.00	-0.2525	0.0638	-0.4307	0.1855	0.1088
1.08	-0.1397	1.0335	0.00	0.0465	0.0022	-0.1397	0.0195	-0.0065
1.19	0.1397	1.0335	0.00	0.1565	0.0245	0.1397	0.0195	0.0219
1.27	0.4307	1.0335	0.00	0.2365	0.0559	0.4307	0.1855	0.1019
1.28	0.7647	1.0335	0.00	0.2465	0.0608	0.7647	0.5848	0.1885

Detected Beryllium Concentrations, x_i (µg/g-dry)	Normal Quantiles of Detects Only, y_i	Average of x_is, $\bar{x}$	Average of y_is, $\bar{y}$	$x_i-\bar{x}$	$(x_i-\bar{x})^2$	$y_i-\bar{y}$	$(y_i-\bar{y})^2$	$(x_i-\bar{x})^*(y_i-\bar{y})$
1.34	1.2206	1.0335	0.00	0.3065	0.0939	1.2206	1.4900	0.3741
					sum= 0.578		sum= 4.56	sum= 1.54

$$correlation\ coefficient_{Aitchison} = \frac{\sum_{i=1}^{n}(x_i-\bar{x})(y_i-\bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i-\bar{x})^2 \sum_{i=1}^{n}(y_i-\bar{y})^2}} = \frac{1.54}{\sqrt{0.577x4.56}} = 0.95$$

Since the correlation coefficient for the detects only probability plot (Aitchison's), 0.95, is slightly greater than the correlation coefficient for the censored probability plot (Cohen's), 0.94, it may be appropriate to consider detects and nondetects as arising from statistically distinct distributions, with nondetects representing "zero" concentrations. Therefore, Aitchison's adjustment for detects only may lead to better estimates of the true mean and standard deviation than Cohen's adjustment for censored data.

Aitchison's adjustment is performed as follows (USEPA, 1992, Section 2.2.2):

$$\hat{\mu} = \left(1-\frac{d}{n}\right)\bar{x}^* = \left(1-\frac{2}{10}\right)1.0335 = 0.827$$

$$\hat{\sigma} = \sqrt{\frac{n-(d+1)}{n-1}(S^*)^2 + \frac{d}{n}\left(\frac{n-d}{n-1}\right)(\bar{x}^*)^2}$$

$$\hat{\sigma} = \sqrt{\frac{10-(2+1)}{10-1}(0.2872)^2 + \frac{2}{10}\left(\frac{10-2}{10-1}\right)(1.0335)^2} = 0.504$$

$$K = t_{n-1,1-\beta}\sqrt{1+\frac{1}{n}} = t_{9,0.05}\sqrt{1+\frac{1}{10}} = 1.833\sqrt{1.1} = 1.923$$

$$UTL = \hat{\mu} + K\hat{\sigma} = 0.827 + 1.923(0.504) = 1.80\ \mu g/g\text{-}dry$$

where	μ	=	adjusted overall mean;
	σ	=	adjusted overall standard deviation;
	d	=	number of nondetects;
	n	=	total number of samples (detects and nondetects combined);
	$\bar{x}^*$	=	sample mean of detected values;
	S^*	=	sample standard deviation of detected values;
	K	=	tolerance factor (USEPA, 1992, Section 4.1); and
	$t_{n-1,1-\beta}$	=	$(1-\beta)^{th}$ upper percentile of the t-distribution with n-1 degrees of freedom.

(5) UTL using log transformed data and no adjustments (Aitchison's or Cohen's) since the data are lognormally distributed and the P_{ND} is less than 0.15 (e.g., aluminum in groundwater)

USEPA, 1992, recommends that all data first be logged prior to checking distributional assumptions. If the assumption of lognormality is not rejected, further statistical analyses should be performed on the logged observations, not the original data. If the lognormal distribution is rejected by a statistical text, one can either test the normality of the original data or use a nonparametric technique. (USEPA, 1992, Section 1.1)

Note that BGMW02DUP and Round 2 BGMW01 samples were eliminated as outliers.

Sample ID	Aluminum Concentration (µg/L)	Natural Log of Concentration
BGMW01	1870	7.5337
BGMW02	4670	8.4489
BGMW02	3090	8.0359
BGMW03	2390	7.7790
BGMW03	2580	7.8555
BGMW04	1590	7.3715
BGMW04	1090	6.9939

P_{ND} = 0 nondetects / 5 total samples = 0

First, perform the Shapiro-Wilk test for lognormality (USEPA, 1992, Section 1.1.4):

Sample ID	Natural Log of Concentration $\ln(x_{(i)})$	Reverse Order $\ln(x_{(n-i+1)})$	$\ln(x_{(n-i+1)})-\ln(x_{(i)})$	a_{n-i+1} from Table A-1 (USEPA, 1992)	$b_i = [\ln(x_{(n-i+1)})-\ln(x_{(i)})] \times a_{n-i+1}$
BGMW01	6.9939	8.4489	1.4550	0.6233	0.9069
BGMW02	7.3715	8.0359	0.6644	0.3031	0.2014
BGMW02	7.5337	7.8555	0.3219	0.1401	0.0451
BGMW03	7.7790	7.7790	0	0	0
BGMW03	7.8555	7.5337	-0.3219	--	--
BGMW04	8.0359	7.3715	-0.6644	--	--
BGMW04	8.4489	6.9939	-1.4550	--	--

$$b = \Sigma b_i = 0.9069 + 0.2014 + 0.0451 + 0 = 1.1534$$

$$S = 0.4719$$

$$W_{calc} = \left[\frac{b}{S\sqrt{n-1}}\right]^2 = \left[\frac{1.1534}{0.4719\sqrt{7-1}}\right]^2 = 0.9955$$

$$W_{table,n=7,\alpha=0.05} = 0.803 \text{ (}USEPA\text{, 1992, } Table\ A\text{-2)}$$

where b = sum of $[\ln(x_{(n-I+1)})-\ln(x_{(I)})] \times a_{n-I+1}$;
S = sample standard deviation; and
n = sample size.

If $W_{table} < W_{calc}$, then the data are lognormally distributed. Since 0.803 < 0.9955, the data are lognormally distributed. See also the SAS® univariate procedure with normal option output at the end of this appendix for Shapiro-Wilk test results. The output shows that "Pr<W"=0.9982, which is greater than 0.05, thus also indicating that the data are lognormal. The "W:Normal" value from the output is 0.9958, which corresponds to the W_{calc} of 0.9955. The two numbers are slightly different -- likely due to the rounding of Table A-2 in the hand calculation versus the carrying of decimal places in the SAS® univariate procedure. Since the data are lognormally distributed, it is not necessary that they be tested to see if they are normally distributed (USEPA, 1992).

Because the data follow the lognormal model, then the intervals should be constructed using the logarithms of the sample values (USEPA, 1992, Section 4).

Construct the UTL as follows (USEPA, 1989b, Section 5.3):

$$UTL = e^{(\bar{x}+KS)} = e^{7.7169+(2.077x0.4719)} = 5986\ \mu g/L$$

where:

$$\bar{x} = \frac{1}{n}\sum_{i=1}^{n} x_i = \frac{1}{7}(\ln 1870 + \ln 4670 + \ln 3090 + \ln 2390 + \ln 2580 + \ln 1590 + \ln 1090) = 7.7169$$

$$S = \sqrt{\frac{\sum_{i=1}^{n} x_i^2 - \frac{1}{n}(\sum_{i=1}^{n} x_i)^2}{n-1}} = \sqrt{\frac{418.19 - \frac{1}{7}(54.02)^2}{7-1}} = 0.4719$$

$$K = t_{n-1,1-\beta}\sqrt{1+\frac{1}{n}} = t_{6,0.05}\sqrt{1+\frac{1}{7}} = 1.943\sqrt{1.1429} = 2.077$$

$\bar{x}$	=	sample average of the natural logarithms of the data;
K	=	tolerance factor (USEPA, 1992, Section 4.1);
S	=	sample standard deviation of the natural logarithms of the data; and
$t_{n-1,1-\beta}$	=	$(1-\beta)^{th}$ upper percentile of the t-distribution with n-1 degrees of freedom.

(6) UTL using natural logarithm transformed data and Aitchison's adjustment since the data are lognormally distributed and P_{ND} is between 0.15 and 0.50 (e.g., lead in groundwater)

Two samples were eliminated as outliers: BGMW02DUP and Round 2 BGMW01.

See the SAS® output at the end of this appendix for the Shapiro-Wilk test results that determined that the data are lognormally distributed. Since the "Pr<W" is greater than 0.05 for the natural logarithms of the data ("Pr<W"=0.22), the data are lognormally distributed. The data need not be tested to see if they are normally distributed as they are lognormally distributed (USEPA, 1992).

Since the determination of whether to use Aitchison's or Cohen's adjustment is computationally intensive, the calculations are not performed here. See UTL example calculation (4) for how the determination is made.

Below are the data for lead in groundwater.

Sample ID	Lead Concentration (µg/L)	Natural Log of Concentration
BGMW01	2.6	0.9555
BGMW02	2.1	0.7419
BGMW02	4.3	1.4586
BGMW03	$<2.0 \rightarrow 2.0/2 = 1.0$	0
BGMW03	$<2.0 \rightarrow 2.0/2 = 1.0$	0
BGMW04	3.3	1.1939
BGMW04	3.0	1.0986

Aitchison's adjustment is performed as follows (USEPA, 1992, Section 2.2.2):

$$\hat{\mu} = \left(1 - \frac{d}{n}\right)\bar{x}^* = \left(1 - \frac{2}{7}\right)1.0897 = 0.7784$$

$$\hat{\sigma} = \sqrt{\frac{n-(d+1)}{n-1}(S^*)^2 + \frac{d}{n}\left(\frac{n-d}{n-1}\right)(\bar{x}^*)^2}$$

$$\hat{\sigma} = \sqrt{\frac{7-(2+1)}{7-1}(0.2674)^2 + \frac{2}{7}\left(\frac{7-2}{7-1}\right)(1.0897)^2} = 0.5748$$

$$K = t_{n-1,1-\beta}\sqrt{1+\frac{1}{n}} = t_{6,0.05}\sqrt{1+\frac{1}{7}} = 1.943\sqrt{1.143} = 2.077$$

$$UTL = e^{\hat{\mu} + K\hat{\sigma}} = e^{0.7784 + 2.077(0.5748)} = e^{1.972} = 7.19\ \mu g/g\text{-}dry$$

where	d	=	number of nondetects;
	n	=	total number of samples (detects and nondetects combined);
	$\bar{x}^*$	=	sample mean of detected values;
	S^*	=	sample standard deviation of detected values;
	K	=	tolerance factor (USEPA, 1992, Section 4.1); and
	$t_{n-1,1-\beta}$	=	$(1-\beta)^{th}$ upper percentile of the t-distribution with n-1 degrees of freedom.

(7) **UTL using natural logarithm transformed data and Cohen's adjustment since the data are lognormally distributed and P_{ND} is between 0.15 and 0.50 (e.g., barium in soil 0-1')**

The P_{ND} is 2 / 10 = 0.20, which is between 0.15 and 0.50, thus making either Aitchison's or Cohen's adjustment appropriate.

See the SAS® output at the end of this appendix for the Shapiro-Wilk test results that determined that the data are lognormally distributed. Since the "Pr<W" is greater than 0.05 for the natural logarithms of the data ("Pr<W"=0.3869), the data are lognormally distributed. The data need not be tested to see if they are normally distributed as they are lognormally distributed (USEPA, 1992).

Since the determination of whether to use Aitchison's or Cohen's adjustment is computationally intensive, the calculations are not performed here. See UTL example calculation (4) for how the determination is made.

Below are the data for barium in soil at a depth of 0-1'.

Sample ID	Barium Concentration (µg/g-dry)	Natural Log of Concentration
BGS-1X	72.7	4.2863
BGS-2X	203	5.3132
BGS-3X	113	4.7274
BGS-4X	< 39.8 → 39.8 / 2 = 19.9	2.9907
BGS-5X	63.9	4.1573
BGS-6X	53.2	3.9741
BGS-7X	< 39.8 → 39.8 / 2 = 19.9	2.9907
BGS-8X	53.8	3.9853
BGS-9X	59.7	4.0893
BGSS-10X	84.3	4.4344

Cohen's adjustment is performed as follows (USEPA, 1989b, Section 8.1.3):

$$\bar{x}_d = \frac{1}{m}\sum_{i=1}^{m} x_i = 4.3709$$

$$S_d^2 = \frac{\sum_{i=1}^{m}(x_i-\bar{x})^2}{m-1} = \frac{\sum_{i=1}^{m} x_i^2 - \frac{1}{m}\left(\sum_{i=1}^{m} x_i\right)^2}{m-1} = 0.2082$$

$$h = \frac{n-m}{n} = \frac{10-8}{10} = 0.2$$

$$\gamma = \frac{S_d^2}{(\bar{x}_d - DL)^2} = \frac{0.2082}{(4.3709-3.6839)^2} = 0.4410$$

where $\bar{x}_d$ = sample mean from the data above the detection limit;
S_d^2 = sample variance from the data above the detection limit;
n = total number of samples after averaging duplicates;
m = number of data points above the detection limit; and
DL = analytical detection limit.

From Table A-5 in Appendix A of USEPA (1992), the value of lambda (λ) for Cohen's method for a gamma (γ) of 0.45 and a percentage of nondetects (h) of 0.2 is 0.2976.

$$\bar{x} = \bar{x}_d - \hat{\lambda}(\bar{x}_d - DL) = 4.3709 - 0.2976(4.3709 - 3.6839) = 4.1664$$

$$S = \sqrt{S_d^2 + \hat{\lambda}(\bar{x}_d - DL)^2} = \sqrt{0.2082 + 0.2976(4.3709 - 3.6839)^2} = 0.5905$$

$$K = t_{n-1,1-\beta}\sqrt{1 + \frac{1}{n}} = t_{9,0.05}\sqrt{1 + \frac{1}{10}} = 1.833\sqrt{1.1} = 1.923$$

$$UTL = e^{\bar{x} + KS} = e^{4.1664 + 1.923(0.5905)} = 201 \ \mu g/g\text{-}dry$$

where $t_{n-1,1-\beta}$ = $(1-\beta)^{th}$ upper percentile of the t-distribution with n-1 degrees of freedom; and

K = a tolerance factor used to adjust the width of the tolerance interval to achieve an average coverage of 95 percent (USEPA, 1992, Section 4.1).

(8) UTL using poisson distribution since P_{ND} is 0.90 or more (e.g., antimony in soil 0-1')

There was one detection of antimony in soil at a depth of 0-1', 6.43 µg/g-dry in BGS-8X. The other nine samples were below the analytical detection limit of 5 µg/g-dry. Since the P_{ND} is 9/10=0.9, a poisson tolerance limit is most appropriate (USEPA, 1992, Section 2.2.3). The method is as follows (USEPA, 1992, Section 2.2.5):

$$\lambda_{T_n} = \frac{1}{2n}\chi^2_{\gamma}[2T_n + 2] = \frac{1}{2x10}\chi^2_{0.95}[2(28.93) + 2] = \frac{1}{20}\chi^2_{0.95}[59.86]$$

$$= \frac{1}{20}@CHIINV(0.05, 59.86) = \frac{1}{20}(79.1) = 3.95$$

$$2\lambda_{T_n} = 2x3.95 = 7.9$$

where λ_{Tn} = probable occurrence rate (Zacks');

T_n = poisson count of the sum of n background samples (setting nondetects to half the analytical detection limit);

$\chi_\gamma^2[2T_n+2]$	=	γ percentile of the Chi-square distribution with $(2T_n+2)$ degrees of freedom; and
@CHIINV(0.05,59.86)	=	inferential statistical @function in Quattro Pro 6.0 (Copyright Novell, Inc. 1994) which returns the inverse of the cumulative one-tailed chi-square distribution, where 0.05 is the cumulative probability value and 59.86 is the degrees of freedom.

Using a Chi-square table, find the smallest degrees of freedom (k) such that $\chi_{0.05}^2[2k+2] \geq 7.9$. Since @CHIINV(0.95,15)=7.261 and @CHIINV(0.95,16)=7.962, 16 is the degrees of freedom that makes the previous equation hold true since 7.962 is greater than or equal to 7.9. Solving 2k+2=16 for k results in a k value of 7. As a result, the upper poisson tolerance limit is 7 µg/g-dry.

SAS® Univariate Procedure Output

Outlier Test Example Calculation 1 -- Copper in Soil >1'
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments

N	17	Sum Wgts	17
Mean	2.923879	Sum	49.70594
Std Dev	0.116922	Variance	0.013671
Skewness	-1.77799	Kurtosis	4.356029
USS	145.5529	CSS	0.218732
CV	3.998862	Std Mean	0.028358
T:Mean=0	103.107	Pr>|T|	0.0001
Num ^= 0	17	Num > 0	17
M(Sign)	8.5	Pr>=|M|	0.0001
Sgn Rank	76.5	Pr>=|S|	0.0001
W:Normal	0.841719	Pr<W	0.0072

Quantiles(Def=5)

100% Max	3.072693	99%	3.072693
75% Q3	2.99072	95%	3.072693
50% Med	2.95491	90%	3.049273
25% Q1	2.912351	10%	2.81241
0% Min	2.572612	5%	2.572612
		1%	2.572612
Range	0.500081		
Q3-Q1	0.078369		
Mode	2.572612		

Extremes

Lowest	Obs	Highest	Obs
2.572612(	16)	2.99072(	15)
2.81241(	3)	2.995732(	7)
2.815409(	1)	3.00072(	11)
2.827314(	9)	3.049273(	6)
2.912351(	13)	3.072693(	10)

Variable=CONC

Moments

N	17	Sum Wgts	17
Mean	18.72647	Sum	318.35
Std Dev	2.009051	Variance	4.036287
Skewness	-1.36531	Kurtosis	2.818841
USS	6026.153	CSS	64.58059
CV	10.7284	Std Mean	0.487266
T:Mean=0	38.43168	Pr>|T|	0.0001
Num ^= 0	17	Num > 0	17
M(Sign)	8.5	Pr>=|M|	0.0001
Sgn Rank	76.5	Pr>=|S|	0.0001
W:Normal	0.89237	Pr<W	0.0509

Quantiles(Def=5)

100% Max	21.6	99%	21.6
75% Q3	19.9	95%	21.6
50% Med	19.2	90%	21.1
25% Q1	18.4	10%	16.65
0% Min	13.1	5%	13.1
		1%	13.1
Range	8.5		
Q3-Q1	1.5		
Mode	13.1		

Extremes

Lowest	Obs	Highest	Obs
13.1(	16)	19.9(	15)
16.65(	3)	20(	7)
16.7(	1)	20.1(	11)
16.9(	9)	21.1(	6)
18.4(	13)	21.6(	10)

Outlier Test Example Calculation 2 -- Aluminum in Groundwater
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments

N	7	Sum Wgts	7
Mean	7.716936	Sum	54.01855
Std Dev	0.471922	Variance	0.22271
Skewness	0.004966	Kurtosis	0.117494
USS	418.1939	CSS	1.336262
CV	6.115406	Std Mean	0.17837
T:Mean=0	43.26371	Pr>|T|	0.0001
Num ^= 0	7	Num > 0	7
M(Sign)	3.5	Pr>=|M|	0.0156
Sgn Rank	14	Pr>=|S|	0.0156
W:Normal	0.995814	Pr<W	0.9982

Quantiles(Def=5)

100% Max	8.448914	99%	8.448914
75% Q3	8.035926	95%	8.448914
50% Med	7.779049	90%	8.448914
25% Q1	7.371489	10%	6.993933
0% Min	6.993933	5%	6.993933
		1%	6.993933
Range	1.454981		
Q3-Q1	0.664437		
Mode	6.993933		

Extremes

Lowest	Obs	Highest	Obs
6.993933(	7)	7.533694(	1)
7.371489(	6)	7.779049(	4)
7.533694(	1)	7.855545(	5)
7.779049(	4)	8.035926(	3)
7.855545(	5)	8.448914(	2)

Outlier Test Example Calculation 3 -- Arsenic in Groundwater
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments

N	7	Sum Wgts	7
Mean	0.560387	Sum	3.922708
Std Dev	0.580283	Variance	0.336728
Skewness	1.293049	Kurtosis	-0.44539
USS	4.218605	CSS	2.020371
CV	103.5504	Std Mean	0.219326
T:Mean=0	2.555036	Pr>|T|	0.0432
Num ^= 0	7	Num > 0	7
M(Sign)	3.5	Pr>=|M|	0.0156
Sgn Rank	14	Pr>=|S|	0.0156
W:Normal	0.633161	Pr<W	0.0007

Quantiles(Def=5)

100% Max	1.526056	99%	1.526056
75% Q3	1.280934	95%	1.526056
50% Med	0.223144	90%	1.526056
25% Q1	0.223144	10%	0.223144
0% Min	0.223144	5%	0.223144
		1%	0.223144
Range	1.302913		
Q3-Q1	1.05779		
Mode	0.223144		

Extremes

Lowest	Obs	Highest	Obs
0.223144(	7)	0.223144(	5)
0.223144(	6)	0.223144(	6)
0.223144(	5)	0.223144(	7)
0.223144(	4)	1.280934(	3)
0.223144(	1)	1.526056(	2)

Variable=CONC

Moments

N	7	Sum Wgts	7
Mean	2.064286	Sum	14.45
Std Dev	1.420303	Variance	2.017262
Skewness	1.402912	Kurtosis	0.231098
USS	41.9325	CSS	12.10357
CV	68.80363	Std Mean	0.536824
T:Mean=0	3.845366	Pr>|T|	0.0085
Num ^= 0	7	Num > 0	7
M(Sign)	3.5	Pr>=|M|	0.0156
Sgn Rank	14	Pr>=|S|	0.0156
W:Normal	0.64669	Pr<W	0.0009

Quantiles(Def=5)

100% Max	4.6	99%	4.6
75% Q3	3.6	95%	4.6
50% Med	1.25	90%	4.6
25% Q1	1.25	10%	1.25
0% Min	1.25	5%	1.25
		1%	1.25
Range	3.35		
Q3-Q1	2.35		
Mode	1.25		

Extremes

Lowest	Obs	Highest	Obs
1.25(	7)	1.25(	5)
1.25(	6)	1.25(	6)
1.25(	5)	1.25(	7)
1.25(	4)	3.6(	3)
1.25(	1)	4.6(	2)

UTL Example Calculation 2 -- Magnesium in Soil >1'
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments				Quantiles(Def=5)				Extremes			
N	18	Sum Wgts	18	100% Max	10.6549	99%	10.6549	Lowest	Obs	Highest	Obs
Mean	10.46871	Sum	188.4368	75% Q3	10.58152	95%	10.6549	9.711116(	13)	10.58152(	8)
Std Dev	0.219392	Variance	0.048133	50% Med	10.5394	90%	10.60906	10.15813(	15)	10.58406(	2)
Skewness	-2.80615	Kurtosis	8.736389	25% Q1	10.4801	10%	10.15813	10.37972(	11)	10.59663(	10)
USS	1973.508	CSS	0.81826	0% Min	9.711116	5%	9.711116	10.4193(	17)	10.60906(	9)
CV	2.095695	Std Mean	0.051711			1%	9.711116	10.4801(	7)	10.6549(	5)
T:Mean=0	202.4455	Pr>|T|	0.0001	Range	0.943788						
Num ^= 0	18	Num > 0	18	Q3-Q1	0.10142						
M(Sign)	9	Pr>=|M|	0.0001	Mode	10.50232						
Sgn Rank	85.5	Pr>=|S|	0.0001								
W:Normal	0.65375	Pr<W	0.0001								

Variable=CONC

Moments				Quantiles(Def=5)				Extremes			
N	18	Sum Wgts	18	100% Max	42400	99%	42400	Lowest	Obs	Highest	Obs
Mean	35875	Sum	645750	75% Q3	39400	95%	42400	16500(	13)	39400(	8)
Std Dev	6115.512	Variance	37399485	50% Med	37775	90%	40500	25800(	15)	39500(	2)
Skewness	-2.23718	Kurtosis	5.650629	25% Q1	35600	10%	25800	32200(	11)	40000(	10)
USS	2.38E10	CSS	6.3579E8	0% Min	16500	5%	16500	33500(	17)	40500(	9)
CV	17.04672	Std Mean	1441.44			1%	16500	35600(	7)	42400(	5)
T:Mean=0	24.88831	Pr>|T|	0.0001	Range	25900						
Num ^= 0	18	Num > 0	18	Q3-Q1	3800						
M(Sign)	9	Pr>=|M|	0.0001	Mode	36400						
Sgn Rank	85.5	Pr>=|S|	0.0001								
W:Normal	0.75767	Pr<W	0.0002								

UTL Example Calculation 3 -- Chromium in Soil >1'
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments				Quantiles(Def=5)				Extremes			
N	18	Sum Wgts	18	100% Max	2.939162	99%	2.939162	Lowest	Obs	Highest	Obs
Mean	2.670946	Sum	48.07702	75% Q3	2.827314	95%	2.939162	2.183802(	17)	2.827314(	16)
Std Dev	0.216539	Variance	0.046889	50% Med	2.707961	90%	2.895912	2.211566(	15)	2.844909(	10)
Skewness	-1.16787	Kurtosis	0.869372	25% Q1	2.639057	10%	2.211566	2.415914(	2)	2.890372(	11)
USS	129.2082	CSS	0.797117	0% Min	2.183802	5%	2.183802	2.517696(	9)	2.895912(	13)
CV	8.107214	Std Mean	0.051039			1%	2.183802	2.639057(	18)	2.939162(	3)
T:Mean=0	52.33167	Pr>|T|	0.0001	Range	0.75536						
Num ^= 0	18	Num > 0	18	Q3-Q1	0.188256						
M(Sign)	9	Pr>=|M|	0.0001	Mode	2.694627						
Sgn Rank	85.5	Pr>=|S|	0.0001								
W:Normal	0.882107	Pr<W	0.0275								

Variable=CONC

Moments				Quantiles(Def=5)				Extremes			
N	18	Sum Wgts	18	100% Max	18.9	99%	18.9	Lowest	Obs	Highest	Obs
Mean	14.75333	Sum	265.56	75% Q3	16.9	95%	18.9	8.88(	17)	16.9(	16)
Std Dev	2.867245	Variance	8.221094	50% Med	15	90%	18.1	9.13(	15)	17.2(	10)
Skewness	-0.74523	Kurtosis	0.082048	25% Q1	14	10%	9.13	11.2(	2)	18(	11)
USS	4057.654	CSS	139.7586	0% Min	8.88	5%	8.88	12.4(	9)	18.1(	13)
CV	19.43456	Std Mean	0.675816			1%	8.88	14(	18)	18.9(	3)
T:Mean=0	21.8304	Pr>|T|	0.0001	Range	10.02						
Num ^= 0	18	Num > 0	18	Q3-Q1	2.9						
M(Sign)	9	Pr>=|M|	0.0001	Mode	14.8						
Sgn Rank	85.5	Pr>=|S|	0.0001								
W:Normal	0.935068	Pr<W	0.2428								

UTL Example Calculation 4 -- Beryllium in Soil 0-1'
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments				Quantiles(Def=5)				Extremes			
N	10	Sum Wgts	10	100% Max	0.29267	99%	0.29267	Lowest	Obs	Highest	Obs
Mean	-0.28135	Sum	-2.81347	75% Q3	0.239017	95%	0.29267	-1.38629(	4)	0.076961(	10)
Std Dev	0.640944	Variance	0.410809	50% Med	-0.08511	90%	0.269765	-1.38629(	1)	0.173953(	3)
Skewness	-1.10074	Kurtosis	-0.06954	25% Q1	-0.46362	10%	-1.38629	-0.46362(	9)	0.239017(	5)
USS	4.488843	CSS	3.697283	0% Min	-1.38629	5%	-1.38629	-0.35954(	6)	0.24686(	2)
CV	-227.813	Std Mean	0.202684			1%	-1.38629	-0.24718(	7)	0.29267(	8)
T:Mean=0	-1.3881	Pr>|T|	0.1985	Range	1.678964						
Num ^= 0	10	Num > 0	5	Q3-Q1	0.702641						
M(Sign)	0	Pr>=|M|	1.0000	Mode	-1.38629						
Sgn Rank	-11.5	Pr>=|S|	0.2656								
W:Normal	0.812353	Pr<W	0.0204								

Variable=CONC

Moments				Quantiles(Def=5)				Extremes			
N	10	Sum Wgts	10	100% Max	1.34	99%	1.34	Lowest	Obs	Highest	Obs
Mean	0.8768	Sum	8.768	75% Q3	1.27	95%	1.34	0.25(	4)	1.08(	10)
Std Dev	0.416256	Variance	0.173269	50% Med	0.9305	90%	1.31	0.25(	1)	1.19(	3)
Skewness	-0.48044	Kurtosis	-1.27671	25% Q1	0.629	10%	0.25	0.629(	9)	1.27(	5)
USS	9.247206	CSS	1.559424	0% Min	0.25	5%	0.25	0.698(	6)	1.28(	2)
CV	47.47448	Std Mean	0.131632			1%	0.25	0.781(	7)	1.34(	8)
T:Mean=0	6.661005	Pr>|T|	0.0001	Range	1.09						
Num ^= 0	10	Num > 0	10	Q3-Q1	0.641						
M(Sign)	5	Pr>=|M|	0.0020	Mode	0.25						
Sgn Rank	27.5	Pr>=|S|	0.0020								
W:Normal	0.888638	Pr<W	0.1560								

UTL Example Calculation 5 -- Aluminum in Groundwater
Shapiro-Wilk Test Results

Variable=LNCONC

Moments				Quantiles(Def=5)				Extremes			
N	7	Sum Wgts	7	100% Max	8.448914	99%	8.448914	Lowest	Obs	Highest	Obs
Mean	7.716936	Sum	54.01855	75% Q3	8.035926	95%	8.448914	6.993933(	7)	7.533694(	1)
Std Dev	0.471922	Variance	0.22271	50% Med	7.779049	90%	8.448914	7.371489(	6)	7.779049(	4)
Skewness	0.004966	Kurtosis	0.117494	25% Q1	7.371489	10%	6.993933	7.533694(	1)	7.855545(	5)
USS	418.1939	CSS	1.336262	0% Min	6.993933	5%	6.993933	7.779049(	4)	8.035926(	3)
CV	6.115406	Std Mean	0.17837			1%	6.993933	7.855545(	5)	8.448914(	2)
T:Mean=0	43.26371	Pr>|T|	0.0001	Range	1.454981						
Num ^= 0	7	Num > 0	7	Q3-Q1	0.664437						
M(Sign)	3.5	Pr>=|M|	0.0156	Mode	6.993933						
Sgn Rank	14	Pr>=|S|	0.0156								
W:Normal	0.995814	Pr<W	0.9982								

UTL Example Calculation 6 -- Lead in Groundwater
Shapiro-Wilk Test Results

Variable=LNCONC

Moments				Quantiles(Def=5)				Extremes			
N	7	Sum Wgts	7	100% Max	1.458615	99%	1.458615	Lowest	Obs	Highest	Obs
Mean	0.778371	Sum	5.448599	75% Q3	1.193922	95%	1.458615	0(	6)	0.741937(	5)
Std Dev	0.574804	Variance	0.3304	50% Med	0.955511	90%	1.458615	0(	2)	0.955511(	4)
Skewness	-0.63678	Kurtosis	-1.16963	25% Q1	0	10%	0	0.741937(	5)	1.098612(	3)
USS	6.223431	CSS	1.982398	0% Min	0	5%	0	0.955511(	4)	1.193922(	7)
CV	73.84704	Std Mean	0.217256			1%	0	1.098612(	3)	1.458615(	1)
T:Mean=0	3.582745	Pr>|T|	0.0116	Range	1.458615						
Num ^= 0	5	Num > 0	5	Q3-Q1	1.193922						
M(Sign)	2.5	Pr>=|M|	0.0625	Mode	0						
Sgn Rank	7.5	Pr>=|S|	0.0625								
W:Normal	0.877136	Pr<W	0.2218								

UTL Example Calculation 7 -- Barium in Soil 0-1'
Shapiro-Wilk Test Results

Univariate Procedure

Variable=LNCONC

Moments

N	10	Sum Wgts	10
Mean	4.094874	Sum	40.94874
Std Dev	0.707514	Variance	0.500576
Skewness	-0.23039	Kurtosis	0.32147
USS	172.1851	CSS	4.505184
CV	17.27804	Std Mean	0.223736
T:Mean=0	18.30229	Pr>|T|	0.0001
Num ^= 0	10	Num > 0	10
M(Sign)	5	Pr>=|M|	0.0020
Sgn Rank	27.5	Pr>=|S|	0.0020
W:Normal	0.925181	Pr<W	0.3869

Quantiles(Def=5)

100% Max	5.313206	99%	5.313206
75% Q3	4.434382	95%	5.313206
50% Med	4.123326	90%	5.020297
25% Q1	3.974058	10%	2.99072
0% Min	2.99072	5%	2.99072
		1%	2.99072
Range	2.322486		
Q3-Q1	0.460323		
Mode	2.99072		

Extremes

Lowest	Obs	Highest	Obs
2.99072(	7)	4.157319(	5)
2.99072(	4)	4.286341(	1)
3.974058(	6)	4.434382(	10)
3.985273(	8)	4.727388(	3)
4.089332(	9)	5.313206(	2)

#4 Beryllium in Soil (0-1')

Concentration (ug/g-dry)	Censored/Cohen's Normal Quantiles	Detects Only/Aitchison's Normal Quantiles
0.629	-0.6046	-1.2206
0.698	-0.3488	-0.7647
0.781	-0.1142	-0.4307
1.08	0.1142	-0.1397
1.19	0.3488	0.1397
1.27	0.6046	0.4307
1.28	0.9085	0.7647
1.34	1.3352	1.2206

Figure G-1.
Detects-Only Probability Plot (Aitchison's)
#4 Beryllium in Soil at 0-1'

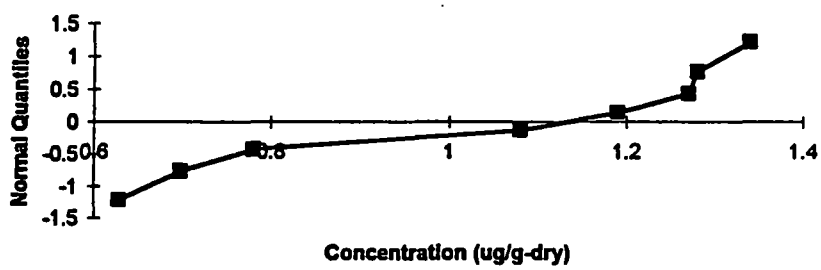
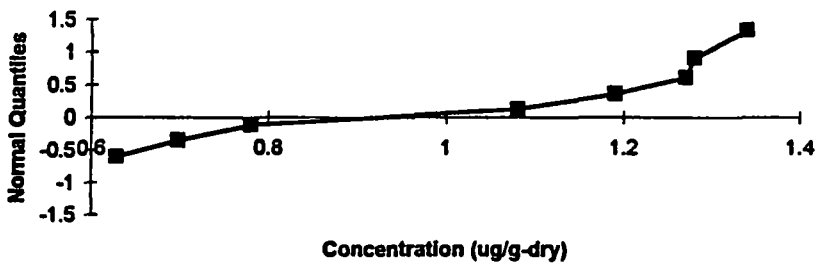
Figure G-2.
Censored Probability Plot (Cohen's)
#4 Beryllium in Soil at 0-1'