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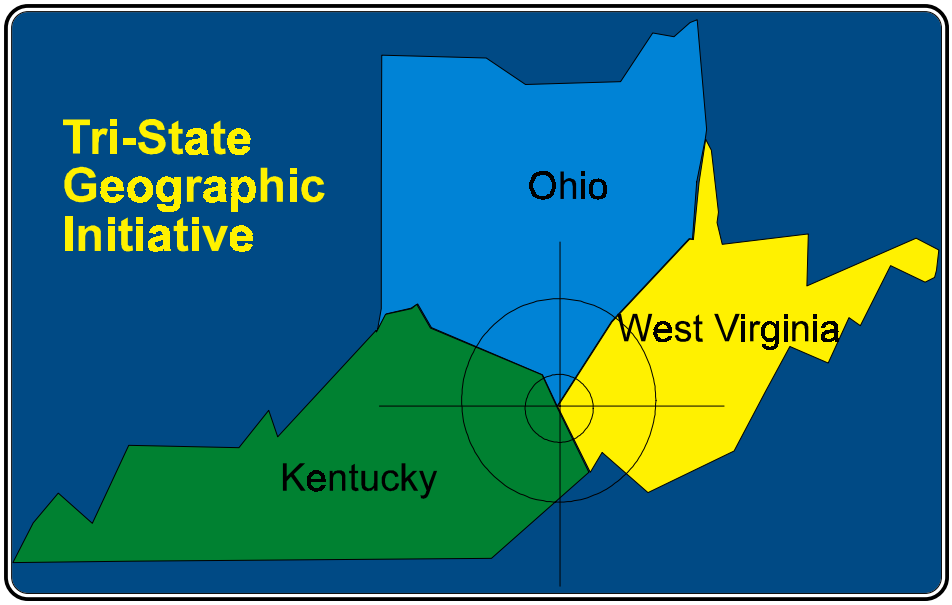

FINAL
TRI-STATE GEOGRAPHIC INITIATIVE
KENOVA INDUSTRIAL CLUSTER AIR MONITORING
RISK ASSESSMENT REPORT

EPA Region 3 P.O. Number OP-3016-NTLX
Gannett Fleming Project Number 38121

SEPTEMBER 2000

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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LIST OF ACRONYMS

µg	micrograms
ACGIH	American Conference of Governmental Industrial Hygienists
AEGLs	Acute Emergency Guidance Levels
ASTM	American Society of Testing and Materials
ATSDR	Agency for Toxic Substances and Disease Registry
AWQC	Ambient Water Quality Criteria
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
Cal EPA	California Environmental Protection Agency
Cal RELs	California Reference Exposure Levels
CAPCOA	California Air Pollution Control Officers Association
CDC	Centers for Disease Control and Prevention
CEELs	Community Emergency Exposure Levels
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
COPC	Contaminants of Potential Concern
COT	Committee on Toxicology
CPS	Carcinogenic Potency Slope
CSF	Cancer Slope Factor
DOE	Department of Energy
EEGLs	Emergency Exposure Guidance Levels
EPA	Environmental Protection Agency
EPC	Exposure Point Concentration
ERPGs	Emergency Response Planning Guidelines
ft	feet
GF	Gannett Fleming
GIS	Geographic Information System
HEAST	Health Effects Assessment Summary Tables
HI	Hazard Index
HQ	Hazard Quotient
IDLH	Immediately Dangerous to Life and Health Values
ILCR	Incremental Life Time Cancer Risk
IRIS	Integrated Risk Information System
kg	kilogram
L	liter
LD_{50}	Dose that is lethal to 50% of the test organisms
LC_{50}	Concentration that is lethal to 50% of the test organisms
LOAEL	Lowest Observed Adverse Effect Level
MCLs	Maximum Contaminant Levels
MEI	Maximally Exposed Individual
mg	milligrams
MRLs	Minimum Risk Levels
NAS	National Academy of Science

NIOSH . . . . . National Institute for Occupational Safety and Health
NOAEL . . . . . No Observed Adverse Effect Level
NRC . . . . . National Research Council
NCEA . . . . . National Center for Environmental Assessment
OEHHA . . . . . Office of Environmental Health Hazard Assessment
OSHA . . . . . Occupational Safety and Health Administration
PAHs . . . . . Polynuclear Aromatic Hydrocarbons
PELs . . . . . Permissible Exposure Levels
ppm . . . . . parts per million
RAGS . . . . . Risk Assessment Guidance for Superfund
RBC . . . . . Risk-Based Concentration
RELs . . . . . Reference Exposure Levels
RfC . . . . . Reference Concentration
RfD . . . . . Reference Dose
SARA . . . . . Superfund Amendments and Reauthorization Act
SDWA . . . . . Safe Drinking Water Act
SIC . . . . . Standard Industrial Classification
SLERA . . . . . Screening Level Ecological Risk Assessment
SOP . . . . . Standard Operating Procedure
SPEGLs . . . . . Short-term Public Emergency Guidance Levels
STELs . . . . . Short-Term Exposure Limits
SVOC . . . . . Semivolatile Organic Compound
TEELs . . . . . Temporary Emergency Exposure Limits
TGI . . . . . Tri-State Geographic Initiative
TLVs . . . . . Threshold Limit Values
TLV-C . . . . . Threshold Limit Value - Ceiling
TRI . . . . . Toxic Release Inventory
TWA . . . . . Time Weighted Average
UCL . . . . . Upper Confidence Limit
URF . . . . . Unit Risk Factor
USEPA . . . . . United States Environmental Protection Agency
USFWS . . . . . United States Fish and Wildlife Service
USGS . . . . . United States Geological Survey
VOC . . . . . Volatile Organic Compound

EXECUTIVE SUMMARY

In 1991, Kentucky, West Virginia, Ohio and the United States Environmental Protection Agency (USEPA) Regions 3, 4, and 5 formed a partnership to study the 2,300 square mile area where the three states converge. The mission of the partnership was to ascertain the environmental status in this Tri-State area, and to develop and implement a plan to respond to any problems identified with existing authorities. The partners called this mission the Tri-State Multi-Media Geographic Initiative (now known as The Tri-State Geographic Initiative or TGI).

During project planning, air quality emerged as the top priority. The Initiative's Technical Steering Committee established the Air Toxics Project. Study of the Tristate area's air quality was conceived to consist of three components: air monitoring, air dispersion modeling, and assessment of the risks associated with any pollutants found during the monitoring and modeling. The decision was made by the Steering Committee to focus initial air toxics evaluation efforts on the Kenova Industrial Cluster.

This report presents the results of the chronic human health risk assessment and acute effects evaluation performed using the air monitoring data developed for the Kenova Industrial Cluster during the 1996 and 1997 sample collection period. The air monitoring risk assessment focuses only on direct exposure to airborne contaminants through the inhalation pathway.

Air sampling efforts during 1996 and 1997 included a year-long air monitoring program utilizing stationary air samplers, and including a triggered sampler at one location. Samples from the stationary air samplers were analyzed for volatile organic compounds, semivolatile organic compounds, acidic and basic gases and metals. In addition, five rounds of sampling were performed by the State of Kentucky mobile laboratory at four locations. These samples were analyzed for volatile organic compounds.

Air sampling results were used in two human health evaluations. Results were integrated into a

quantitative chronic human health risk assessment which focused on potential long-term, or chronic impacts to human health from exposure to airborne contaminants. The chronic human health risk assessment evaluated carcinogenic risks and non-carcinogenic hazards from exposure to individual chemicals. In addition, cumulative carcinogenic risks or non-carcinogenic hazards were calculated by summing results for individual chemicals to evaluate potential cumulative impacts. Air sampling results were also evaluated for potential acute impacts to human health through a screening-level comparison using established acute screening standards.

Results from the human health risk assessment and acute evaluation were compared to the target risk levels defined in the Tri-State Geographic Initiative *Risk Management Plan* (TGI 1997d). As defined in the TGI *Risk Management Plan*, further action will be proposed if any of the following is true:

- Chronic noncarcinoginic risks are found for any individual pollutant in excess of a hazard quotient of 1.
- Chronic carcinogenic risks are found for any individual pollutant in excess of a risk level of 1E-06 (or 1 in 1,000,000)
- Any chemicals are found to exceed their literature-derived acute screening value

In the chronic human health risk assessment, hazard quotients for individual chemicals in excess of the threshold of one were obtained for all stationary sampler locations, and for one location sampled by the mobile lab.

For all locations, calculated chronic carcinogenic risks for at least one chemical were found to exceed the established carcinogenic target risk level of 1E-06. This risk level was exceeded at the majority of sample locations by benzene, chromium, and chloromethane, and at several locations by arsenic, cadmium, dichloromethane, beryllium, and carbon tetrachloride.

In addition to determining risks or hazards to individual chemicals, this risk assessment also

calculated the cumulative hazards and risks for each sampling location. This was performed as a conservative measure to ensure that risks were fully evaluated, and to provide additional information to be used in the risk management process.

Short-term (acute) effects of exposure to airborne contaminants can vary significantly from chronic effects, depending upon the contaminant and its concentration. Therefore, the potential for acute health effects from exposure to airborne toxicant releases in the sampling areas was evaluated in this risk assessment. Each data point collected during this investigation was evaluated as a single acute exposure point to determine the potential for adverse acute health effects.

To evaluate potential impacts from acute exposure to airborne contaminants, sample data collected from stationary monitoring stations, including the one triggered sampler located at the Kenova Fire Station, and from the Kentucky mobile laboratory, were evaluated based upon comparisons to the selected chemical-specific screening criteria. Of all of the detected constituents from the stationary and triggered sample locations, only two were determined to exceed the selected screening levels: sulfate and sulfur dioxide. Of the detected constituents from the mobile laboratory data, no compounds were determined to exceed the selected screening levels. The qualitative assessment of acute risks indicated that sulfate may present a human health concern in the areas where concentrations routinely exceed screening criteria.

1.0 INTRODUCTION

In 1991, Kentucky, West Virginia, Ohio and the United States Environmental Protection Agency (USEPA) Regions 3, 4, and 5 formed a partnership to study the 2,300 square mile area where the three states converge. The mission of the partnership was to ascertain the environmental status in this Tri-State area and to develop and implement a plan to respond to any problems identified with existing authorities. The partners called this mission the Tri-State Multi-Media Geographic Initiative (now known as The Tri-State Geographic Initiative or TGI).

During project planning, air quality emerged as the top priority. The Initiative's Technical Steering Committee established the Air Toxics Project. Study of the Tristate area's air quality was conceived to consist of three components: air monitoring, air dispersion modeling, and assessment of the risks associated with any pollutants found during the monitoring and modeling.

The TGI Air Toxics Project is being conducted in several phases due to the extensive size of the study area, the available resources, and the need to provide adequate monitor coverage for each individual area. Six industrial "clusters" have been identified based on the spatial distribution of industries within the project area. As discussed in the Tri-State Geographic Initiative *Air Toxics Project- Work Plan*s (TGI 1997a, b, and c), the six clusters were prioritized based on the results of a preliminary risk screening effort. During this effort, the Kenova Industrial Cluster was identified as the cluster of greatest concern for potential risks resulting from air exposures. Therefore, the initial evaluations have focused on the Kenova Industrial Cluster.

This report presents the results of the human health risk assessment and acute effects evaluation performed using the air monitoring data developed for the Kenova Industrial Cluster during the 1996 and 1997 sample collection period. The air monitoring risk assessment focuses on direct exposure to airborne contaminants through the inhalation pathway. Risk evaluations of the results of air dispersion modeling are presented in the *Tri-State Geographic Initiative Kenova Industrial Cluster Air Modeling Risk Assessment Report* (USEPA 2000).

1.1 REPORT ORGANIZATION

This report is organized into eight chapters. This Introduction is Chapter 1.0. Chapter 2.0, Background Information, presents an overview of the study area. Chapter 3.0, Data Evaluation, discusses data collection, data analysis, data quality assurance and data management. Chapter 4.0, Human Health Risk Assessment, presents the results of the quantitative human health risk assessment. Chapter 5.0, Human Health Acute Effects Evaluation, presents the results of the screening-level evaluation of potential acute health effects from short term exposure to airborne contaminants. Chapter 6.0 presents the conclusions to this report. References are summarized in Chapter 7.0.

1.2 STUDY AREA DESCRIPTION

The Tri-State area encompasses six counties in the Ohio River valley, specifically, Greenup and Boyd counties in Kentucky; Lawrence and Scioto counties in Ohio, and Wayne and Cabell counties in West Virginia. Six industrial clusters exist in the Tri-State area; these are the Portsmouth, Greenup, Ironton, South Point, Kenova and Huntington Clusters. Figure 1-1 depicts the six industrial clusters. The study area for this report is the Kenova Industrial Cluster.

Monitoring stations for the Kenova Industrial Cluster were selected by preliminary modeling which focused on finding areas of highest predicted exposure. Monitoring stations were also considered for areas that historically had generated large numbers of citizen complaints.

The Kenova Industrial Cluster was evaluated using six stationary monitoring locations. The monitoring locations were named Centennial Drive, Corn Field, Kenova Fire Station, Kenova Water Works, Lockwood Estates, Sweet Run. A reference monitor was located outside of the study area in a location that has comparable meteorological conditions and was generally not within the influence (wind rose) of the major industries within the cluster. This sampling location was entitled Webbville. In addition, data from the State of Kentucky mobile laboratory

were used in this evaluation. Mobile laboratory data were collected from three of the stationary monitoring locations (Corn Field, Kenova Fire Station and Kenova Water Works) and an additional station located in South Point, Ohio. Figure 1-2 depicts all of the Kenova Industrial Cluster monitoring locations and their proximity to industrial locations. Figures 1-3 through 1-8 depict the locations of the monitoring stations on detailed maps.

1.3 GOALS AND OBJECTIVES

The objective of this phase of the Tri-State Geographic Initiative is to provide a quantitative estimate of risk posed to human health through direct exposure to target air pollutants. A further objective of this phase is to qualitatively evaluate acute risks to human health from exposure to airborne contaminants.

This risk assessment uses information from ambient air quality monitoring described in other work plans (TGI 1997a, b, and c). The goal of the risk assessment is to provide information on risk that the Federal, State, local governments and other stakeholders can utilize in sound decision-making.

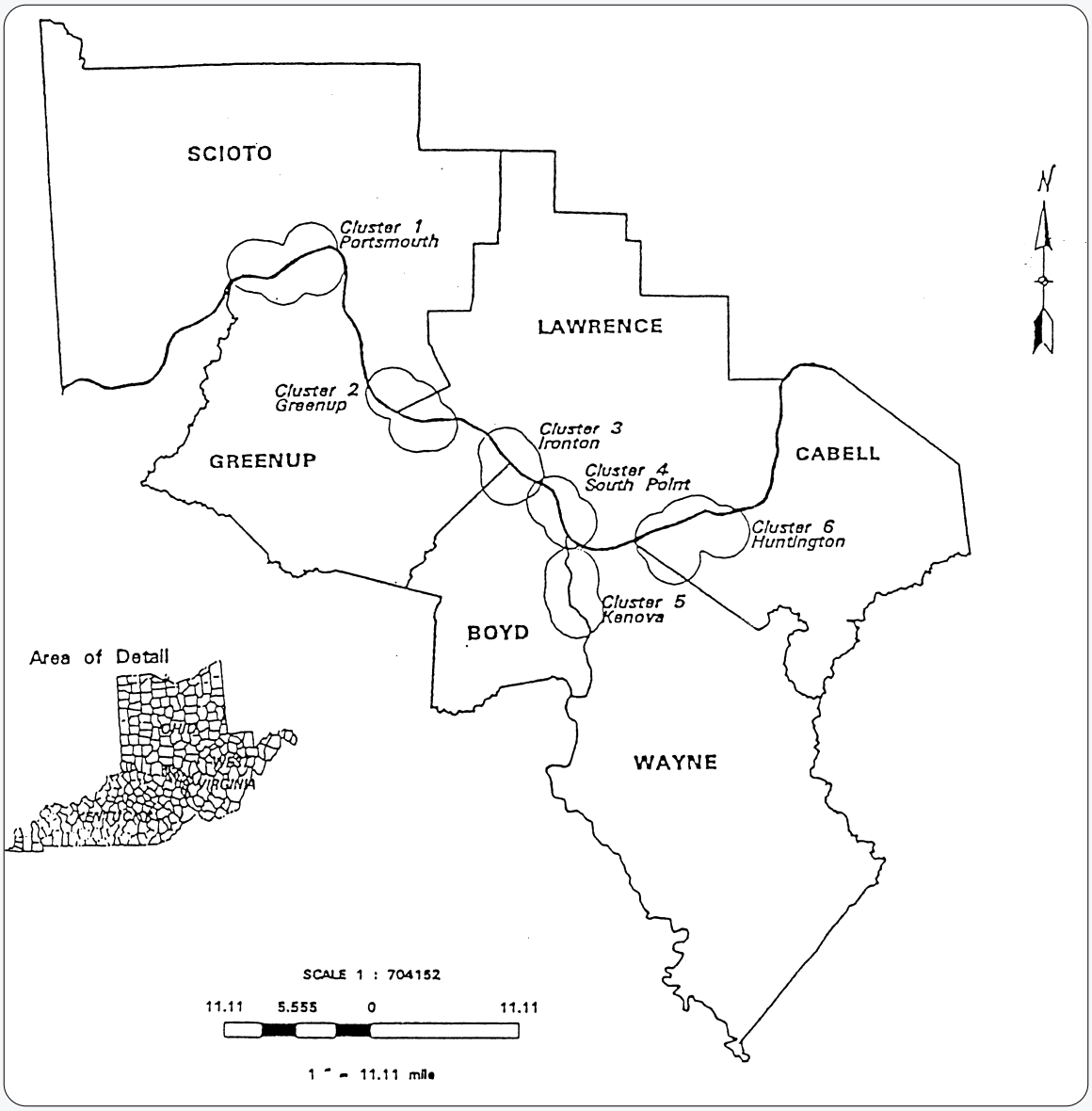


FIGURE 1-1
TRI-STATE STUDY AREA
Tri-State Geographic Initiative

Scale 1" = 11.11 mi.

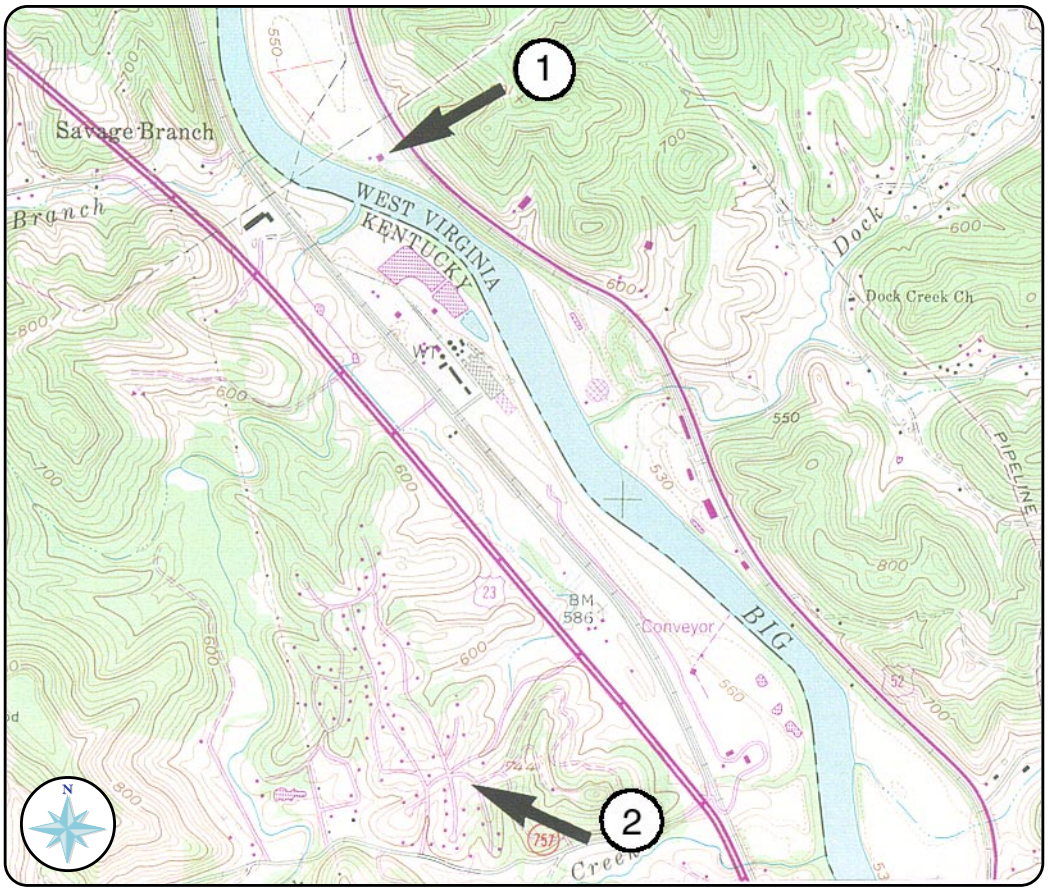
Source: Tri-State Geographic Initiative — Air Toxics Monitoring Plan (TGI 1996)

Red dots represent Tri-State Initiative air monitoring locations.
Blue rectangles represent industries.

FIGURE 1-2
STUDY AREA AND BACKGROUND MONITORING LOCATION

Tri-State Geographic Initiative
Not to Scale

Source: USEPA Website (http://www.epa.gov/ARD-R5/tristate/monitor.htm)



Arrows point to sampling locations:

① Kenova Water Plant

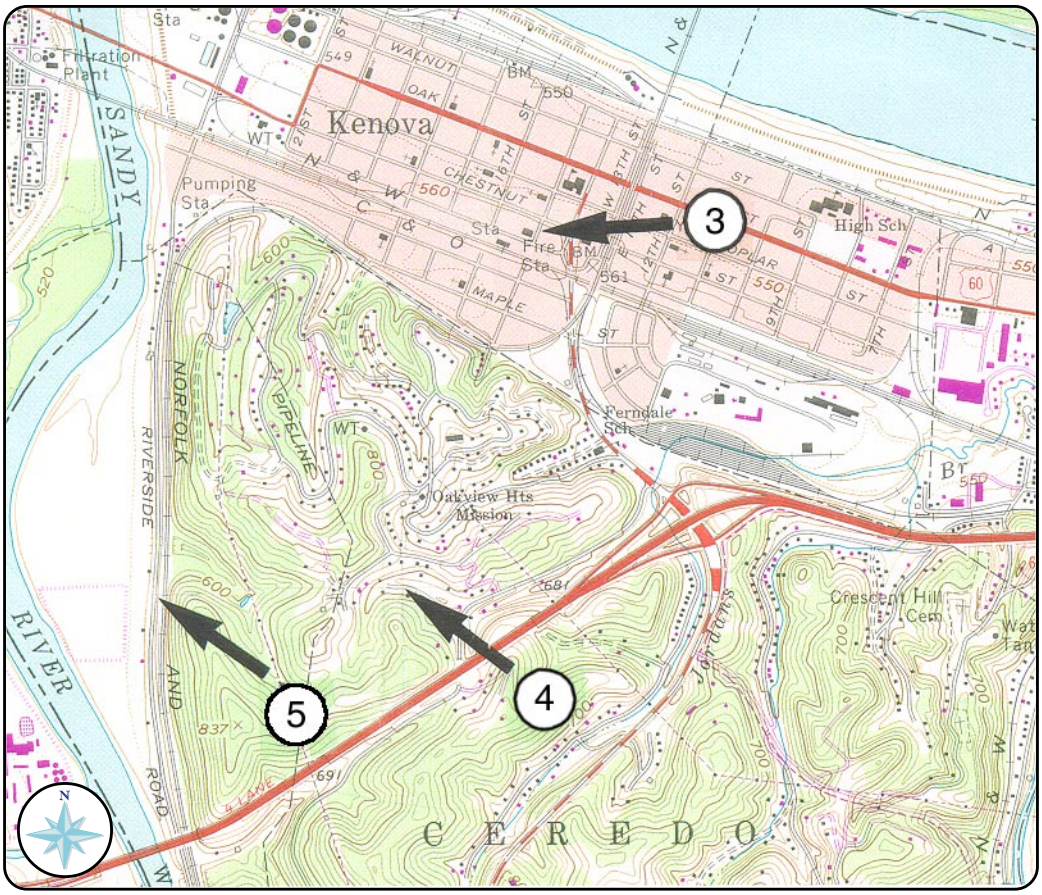
② Lockwood Estates

FIGURE 1-3
KENOVA WATER PLANT AND LOCKWOOD ESTATES MONITORING LOCATIONS

Tri-State Geographic Initiative

Not to Scale

Source: USGS Quad map for Burnaugh, WV and KY (1972)



Arrows point to sampling locations:

③ Kenova Fire Station

④ Centennial Drive

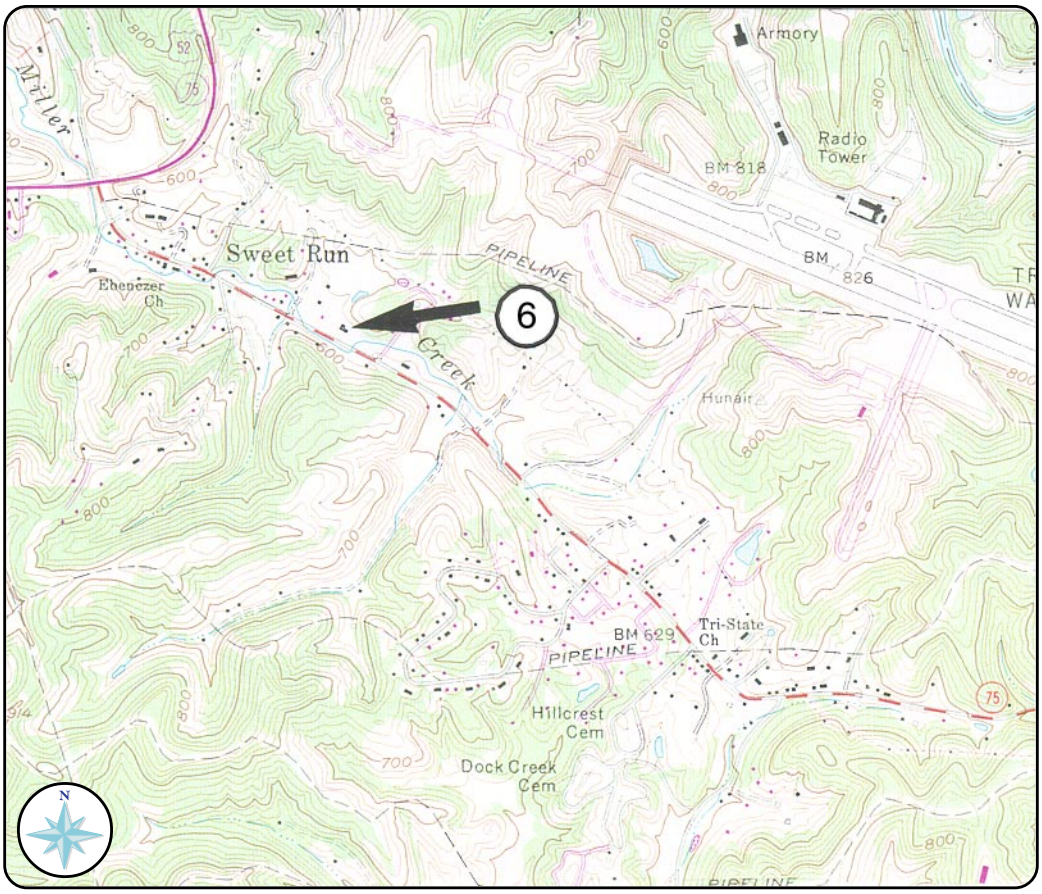
⑤ Corn Field

FIGURE 1-4
KENOVA FIRE STATION, CENTENNIAL DRIVE, AND CORN FIELD MONITORING LOCATIONS

Tri-State Geographic Initiative

Not to Scale

Source: USGS Quad Map for Catlettsburg, KY — Ohio — W. VA (1985)



Arrows point to sampling locations:

⑥ Sweet Run

FIGURE 1-5
SWEET RUN
MONITORING STATION

Tri-State Geographic Initiative

Not to Scale

Source: USGS Quad map for Burnaugh, WV and KY (1972)

FIGURE 1-6
WEBBVILLE, KY AREA

Tri-State Geographic Initiative

Not to Scale

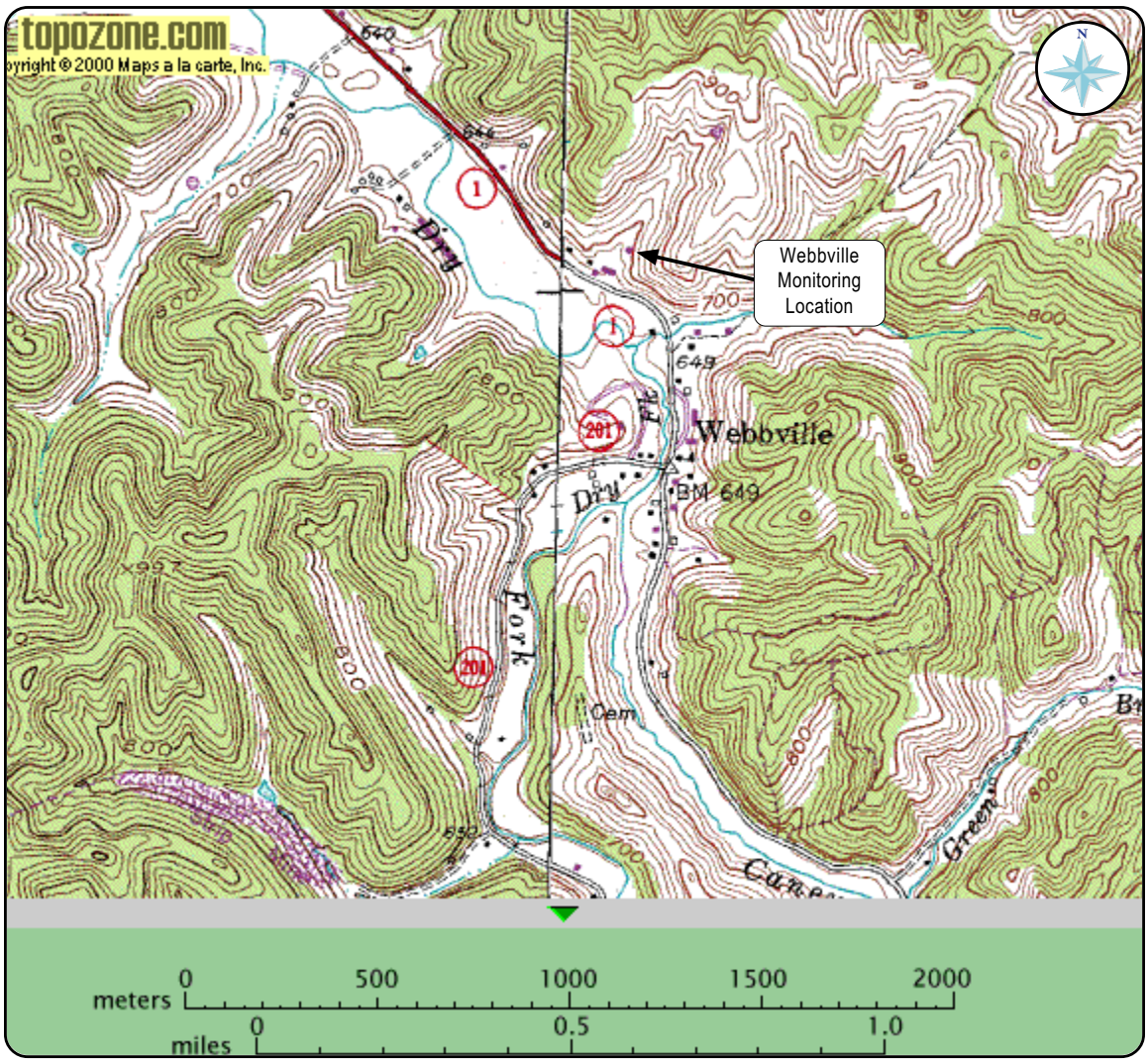


FIGURE 1-7
WEBBVILLE MONITORING LOCATION

Tri-State Geographic Initiative

Source: USGS Quad Map for Webbville, KY as obtained from Topozone.com (March 2000)

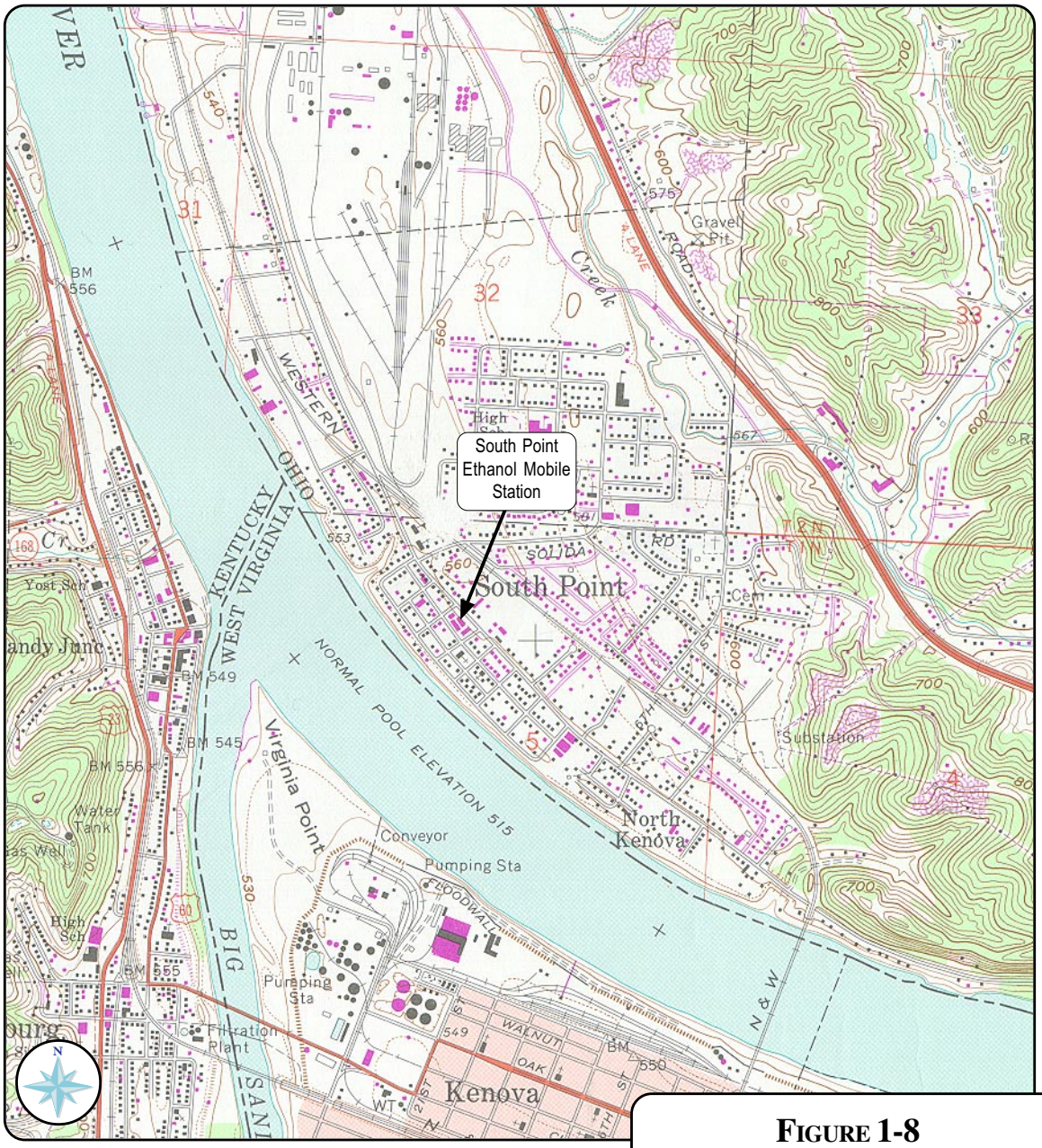


FIGURE 1-8
SOUTH POINT ETHANOL MOBILE STATION

Tri-State Geographic Initiative
Scale: 1:24,000

Source: USGS Quad Map for Catlettsburg, KY — Ohio — W. VA (1985)

2.0 BACKGROUND INFORMATION

2.1 GENERAL GEOGRAPHIC DESCRIPTION

The Tri-State study area is located where the states of Kentucky, Ohio, and West Virginia meet. It comprises the Kentucky counties of Boyd and Greenup; the Ohio counties of Scioto and Lawrence; and the West Virginia counties of Wayne and Cabell. The area is located at the confluence of the Ohio and Big Sandy Rivers with a typical river valley topography that strongly influences the meteorology of the area. Generally calm wind conditions limit the distribution and dilution of pollutants in the atmosphere (TGI 1997a).

2.2 PREVIOUS INVESTIGATIONS

Ambient air has been identified as a medium of concern in the TGI study area by state and federal agencies, and by local citizens (TGI 1997c). Concerns over air quality have arisen because of the significant number of industrial accidents involving air releases of hazardous air pollutants, the meteorology of the area, the amount of air emissions reported to the Toxic Release Inventory (TRI) by Tri-State area industries, relative to emissions to other media, and number and frequency of air quality-related complaints by the citizens of the area. Tri-State area citizens have expressed more concern about air pollution than about other environmental issues. Between 1983 and 1988, regulatory agencies received more than 800 air-related complaints from citizens in the Tri-State area (TGI 1997a).

Previous investigations into air quality concerns have included an epidemiological study (USEPA Region 4 1992), a survey of citizen's air quality-related concerns (USEPA 1989c), and an air quality study that focused on historic air monitoring data (USEPA 1990c). Results from these studies indicated that air emissions from a variety of sources have occurred in the Tri-State area over many years and that health-related effects may have resulted from exposure to the air emissions in the Tri-State area.

2.3 LAND USE

Population and industry in the study area are concentrated in two river valleys: the Lower Ohio River Valley and the Big Sandy River Valley. High intensity development such as heavy industry is approximately 11% of the Lower Ohio River Valley while high intensity development is approximately 1% in the Big Sandy River Valley. A number of heavy industries are located within the study area, and generally within the river valleys. Many of these industries date back prior to World War II. These industries are predominately metallurgical or petrochemical in nature (TGI 1997a). Example industries in Wayne County West Virginia are Aristech Chemical Corporation and Ashland Chemical Incorporated. Ashland Petroleum Corporation and Calgon Corporation are example industries in Boyd County Kentucky. Emissions from these four industries were used in the air modeling study for the Kenova Industrial Cluster (USEPA Region 5, 2000).

Low intensity development, which includes single-family home residential land use, comprises 16% of the Lower Ohio River Valley and 2% of the Big Sandy River Valley. The percentage of agricultural land uses in the Kenova Industrial Cluster ranges from 4 to 17%. Natural landscapes include wetland and forested areas. Approximately 6% of the Lower Ohio River Valley is wetland while only approximately 2% of the Big Sandy River Valley is wetland. Forested areas comprise approximately 5% of the Lower Ohio River Valley and approximately 77% of the Big Sandy River Valley (TGI 1997a).

The major population centers within the TGI study area are Ashland, KY; Huntington, WV; and Ironton, OH. Other towns of significant interest to the study include Catlettsburg, KY; Kenova and Ceredo, WV; and South Point, OH (TGI 1997a).

3.0 DATA EVALUATION

This section discusses the data collection and data management aspects of the Tri-State air risk assessment. The data collection process is discussed in detail in the TGI *Air Toxics Monitoring Project Plan* (TGI 1997a).

3.1 DATA COLLECTION

Data included in the risk assessment were collected by the USEPA and the State of Kentucky. As discussed in TGI's *Air Toxics Monitoring Project Plan* (TGI 1997a), air samples were analyzed by Kentucky's Environmental Services Division for volatile organic compounds and acidic and basic gases, contract laboratories to Kentucky's Environmental Services Division for semivolatile organic compounds or the West Virginia Office of Air Quality for metals. Data from the labs were summarized into electronic forms as discussed in TGI (1997a), and provided to the risk assessment group. All data were validated as specified in the risk assessment work plan (TGI 1997c). The hard copy sample forms and analysis forms are being maintained at the Kentucky Division for Air Quality office in Frankfort, Kentucky (TGI 1997a). Data used in this risk assessment are presented in Appendix A.

3.2 COLLECTION AND ANALYSIS OF DATA FROM STATIONARY SAMPLERS

Data were collected from six stationary monitoring locations in the Kenova Industrial Cluster plus one additional stationary monitoring location near Webbville, Kentucky. The Webbville, Kentucky location was considered to be in a different "air-shed" and was thought to represent ambient air conditions in the general surroundings. The sampling locations were chosen based on preliminary air dispersion modeling results of emissions and on the locations of population centers. Criteria used in selecting monitoring locations are detailed in the Air Toxics Monitoring Project Plan (TGI 1997a).

Sampling locations are identified on Figure 1-2 and have been entitled Centennial Drive, Corn Field, Kenova Fire Station, Kenova Water Works, Lockwood Estates, and Sweet Run based on the general vicinity in which the sampler was located. Air monitors were located 2 meters above ground level, a height selected to be representative of human exposure. Air sampling from stationary samplers was conducted over a 24-hour period. Chemical concentrations, therefore, represented daily averages. Air sampling from the State of Kentucky mobile laboratory was conducted hourly. Chemical concentrations, therefore, represent hourly averages. Samples at stationary sampler locations were taken approximately every 12 days. Samples taken at each location are summarized in Table 3-1. This table presents the types of analytes sampled at each location, the sampling duration (e.g. one hour versus 24 hour) and whether samples were used in the chronic risk analysis, acute risk analysis or both.

The air monitoring strategy focused on conducting monitoring for chemicals that pose the greatest threat to public health and the environment. An additional goal was to build upon previous air toxics monitoring efforts that had occurred in the Tri-State area. Based upon these factors, four types of analytes were selected for evaluation (TGI 1997a). Samples from the stationary samplers were analyzed for:

- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (extractable Organics)
- Inorganic acids and bases
- Metals

Volatile organic compound (VOC) samples were collected in six-liter electropolished SUMMA® canisters. The sampling conformed to method **TO-14** of the U.S. EPA *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air* (USEPA 1997a). Semivolatile organic compound (SVOC) samples were collected using high volume polyurethane foam (PUF) samplers. Sampling conformed to method **TO-13** of the *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air* (USEPA 1997a).

Inorganic acidic and basic gases, and associated acidic and basic particulate material, were sampled using annular denuder techniques. Sampling was guided by *Compendium Chapter IP-9, Determination of Reactive Acidic and Basic Gases and Particulate Matter in Indoor Air* (EPA 1991a), written by the Atmospheric Research and Exposure Assessment Laboratory, U.S. EPA.

Metals were sampled using a high volume sampler, as specified in 40 CFR 50, Appendix B and Appendix G, the reference method for lead. The method collects metals as particulates only. Gaseous forms are not captured by this sampling method. Incidental measurements of total particulate material were collected by the method but are not included in this risk assessment.

Samples of VOCs collected using SUMMA canisters (or SUMMA samples) and inorganic acidic and basic gases (Annular Denuder samples) were collected from August 1996 though July 1997. Semivolatile samples from PUF samplers were collected from June 1996 to July 1997. Metals and suspended particulates were collected from June 1996 to July 1997.

Additional samples of peak concentrations of volatile compounds were taken at the Kenova Fire Station location using a triggering device to turn sample collection of SUMMA canisters on and off. The triggered sampler was co-located at the Kenova Fire Station location for the study area's proximity to industries likely to release VOCs, and to accommodate the need to continually monitor this sampler. This device was triggered by sharp increases or decreases in concentrations of organic compounds. Once triggered, samples were collected for a 24-hour period. Triggered samples were collected 22 times between September 1996 and May 1997.

3.3 COLLECTION AND ANALYSIS OF DATA FROM MOBILE LABORATORY

Mobile lab samples were taken at three of the stationary sampler locations: the Corn Field study area, the Kenova Fire Station, and the Kenova Water Works. An additional mobile study area was located at the Southpoint Ethanol facility. A gas chromatograph/mass spectrometer was deployed to conduct real-time continuous VOC sampling. Air sampling using the mobile

laboratory was conducted by Kentucky's Environmental Services Division. All sampling and analysis procedures were conducted in accordance with the Kentucky Division for Air Quality's quality assurance program, as published in the Division's *Air Quality Monitoring and Quality Assurance Manual* (State of Kentucky, Division of Air Quality 1995). Sampling periods and locations were selected by the Kentucky Environmental Services Division.

Mobile lab sampling at the Corn Field study area occurred from April 30, 1997 to May 26, 1997. Two rounds of mobile lab samples were collected from the Kenova Fire Station from October 16, 1996 to November 7, 1996, and from April 2, 1997 to April 24, 1997. Sampling occurred at the Kenova Water Works from March 12, 1997 to April 1, 1997. Sampling occurred in the vicinity of the Southpoint Ethanol facility from May 30, 1997 to July 11, 1997.

3.4 COMPARISON OF SAMPLER PERFORMANCE

Data were collected from stationary samplers, triggered samplers and by a mobile lab. The comparison of the results from the triggered samplers and from the mobile lab to the stationary samplers reveals some differences between methods but, overall, suggests that the stationary sampler data is accurate.

In comparing the results of the data collected by the triggered sampler to the stationary sampler data at the Kenova Fire Station, the following were noted:

- Dichlorodifluoromethane and chloromethane- these chemicals were detected at similar concentrations when collected on or about the same times by the two samplers. Both were detected throughout the monitoring period.

- Trichlorofluoromethane and carbon disulfide- these chemicals were detected at moderately high concentrations on one date by the triggered sampler but were not detected by the stationary sampler on that date.

- Benzene, toluene, ethylbenzene and xylenes (BTEX)- BTEX were detected at higher concentrations by the triggered sampler than by the stationary SUMMA sampler for the same sampling period. However, the number of detected values is similar between the two samplers.

- Naphthalene- Naphthalene was detected throughout the monitoring period by the triggered sampler, but only twice by the stationary SUMMA sampler.

These results indicated that lighter molecular weight VOCs were detected at relatively the same frequency and at the same concentrations by both samplers. However, heavier weight VOCs were detected at greater frequency and/or at higher concentrations by the trigger sampler. This would suggest that the data from the long-term stationary SUMMA sampler may slightly underestimate these heavier fraction VOCs.

It is difficult to compare the results between the stationary SUMMA samplers and the Mobile lab data owing to the fact that few SUMMA samples were taken during any particular Mobile lab sampling event. The Mobile lab data were collected daily for a more concentrated period of time. SUMMA sampling extended over a much greater period of time, with sampling at approximately two week intervals. Therefore, the SUMMA data are more of "snapshots"in time versus the mobile lab data, which demonstrates a daily trend, but only for a short period.

In general, it appeared that the Mobile lab methods were more sensitive than the SUMMA sampler. However, maximum concentrations of both light and heavy molecular weight compounds appeared similar between the two methods.

3.5 TREATMENT OF POLLUTANTS REGULATED BY NATIONAL AMBIENT AIR QUALITY STANDARDS

The Clean air Act of 1970 mandated that the USEPA establish air quality standards for pollutants that may harm the public health and welfare. The agency has set National Ambient Air Quality Standards (NAAQS) for six major pollutants, called criteria pollutants. Two analytes detected in the monitoring program for this study are regulated under the NAAQS, sulfur dioxide and lead. The primary health standards for sulfur dioxide include an annual arithmetic mean concentration of 80 ug/m^3 and a 24-hour average concentration of 365 ug/m^3. The primary health standards for lead represents a maximum quarterly average of 1.5 ug/m^3.

Pollutants regulated by the NAAQS will not be included for evaluation in the chronic human health risk assessment or acute human health risk evaluation included in this report. However, it is appropriate to compare the concentration of the criteria pollutants to their establish NAAQS as an evaluation of potential health effects from these chemicals. This comparison is presented below:

Criteria Pollutant	NAAQS (ug/m^3)	Averaging Time of Standard	Maximum Value Detected From All Monitoring Stations (ug/m^3)	Averaging Time of Sample	Does Maximum Exceed NAAQS?
Sulfur Dioxide	80	Annual	35.2	24 hour	No
Sulfur Dioxide	365	24 hour	35.2	24 hour	No
Lead	1.5	3 month	0.12	24 hour	No

As shown, the NAAQSs for sulfur dioxide and lead were not exceeded by any sample collected in the Kenova Industrial Cluster air monitoring study.

4.0 HUMAN HEALTH RISK ASSESSMENT

4.1 INTRODUCTION

The risk assessment consists of five major components:

- Data Evaluation
- Exposure Assessment
- Toxicity Assessment
- Risk Characterization
- Uncertainty Analysis

Data usability, data quality and selection of contaminants of potential concern (COPC) are discussed in Section 4.2, Data Evaluation. Section 4.3, Exposure Assessment, identifies potential receptor populations and exposure pathways by which receptors may come in contact with contaminants at the location. Equations and exposure input parameters used to estimate chemical intakes are also provided in this section. Section 4.4, Toxicity Assessment, presents the chemical-specific toxicity criteria for the identified COPCs which are used to quantify potential human risks. Section 4.5, Risk Characterization, provides the calculated noncarcinogenic and carcinogenic risks for each receptor. Total risks are also summarized by receptor where relevant. A discussion of uncertainties is presented in Section 4.6. A discussion of other aspects evaluated in the risk assessment is presented in Section 4.7.

The majority of the tables included in this section are analogous to the standard tables required by the recent Risk Assessment Guidance for Superfund: Part D (RAGS Part D) (USEPA 1998). Data fields included in the tables presented in this risk assessment include the majority of data fields specified in the RAGS Part D guidance. This risk assessment report is structured as described in RAGS Part D.

4.1.1 Objectives

The objective of the human health risk assessment of the Tri-State Geographic Initiative Air Toxics program is to provide a quantitative estimate of risk posed to humans through inhalation of target air pollutants.

4.1.2 Methodology

To assess potential public health risks, three major aspects of chemical contamination and exposure must be considered: 1) The presence of chemicals with toxic characteristics; 2) The existence of pathways by which human receptors may contact site-related chemicals; and 3) The presence of human receptors. The absence of any of these three aspects would result in an incomplete exposure pathway and an absence of quantifiable risk.

An overview of the media, pathways and receptors to be evaluated in this risk assessment is provided in Table 4.4-1. Subsequent sections will provide justification and additional detail for each data element presented in this table.

The Human Health Risk Assessment (HHRA) was performed following guidelines specified in the following documents:

- *Risk Assessment Guidance for Superfund*, Volumes I and II, Part A (USEPA, 1989)
- Office of Solid Waste and Emergency Response Directive 9355.7-04 Memorandum (USEPA, 1995)
- *Standard Default Exposure Factors* (USEPA, 1991b)
- *Exposure Factors Handbook* (USEPA, 1997b)
- *Supplemental Guidance to RAGS: Calculating the Concentration Term* (USEPA, 1992a)

In addition, two project specific work plans were developed in support of this risk assessment. The TGI Air Risk Assessment Work Plan (TGI 1997c) was developed to provide general

guidance to be used when developing the Cluster-specific risk assessments. A project specific work plan, the *Tri-State Geographic Initiative Air Risk Assessment Implementation Plan* (USEPA, Region 3 1997) was developed specifically for the Kenova Industrial Cluster air risk assessment project.

4.2 DATA EVALUATION

The goal of the data evaluation step of a human health risk assessment is to develop a list of COPCs for each environmental medium under consideration. This process involves determining what data are present, determining if the existing data is of suitable quality and quantity to include in a risk assessment, developing a list of screening criteria by which chemicals not anticipated to contribute significantly to the risk assessment may be eliminated, and finally developing a list of medium specific COPCs.

4.2.1 Data Usability

Data were validated in accordance with the TGI Air Risk Assessment Work Plan (TGI 1997c). Data sets were developed by the States of West Virginia and Kentucky for the results of the air monitoring and air mobile lab sampling efforts. These data were used to develop exposure point concentrations (EPCs) for the seven air monitoring locations and the four air mobile lab sampling locations.

For one monitoring location, the Corn Field location, air samples were collected in duplicate. The results of the duplicate samples were compared and found to be similar. These results indicate that the methods used for the collection of air samples were precise. Therefore, these results were averaged for each sampling date to develop the EPC for the Corn Field location. Screening for chemicals of potential concern was performed on the maximum concentration found in either duplicate sample.

The detection limits achieved for study area samples was compared to associated screening

values to determine if methods used were sufficiently robust to meet the data quality objectives for this risk assessment. For SVOCs and inorganic acidic and basic gases, detection limits were lower than associated risk-based screening concentrations (RBCs) indicating a good match between the detection limits obtained and the data quality needed for this risk assessment.

For VOCs, the detection limit for the stationary sampler data was 2.0 ug/m^3. RBCs for some compounds were slightly lower than the stationary detection limit. The RBCs exceeded the detection limits for VOCs by less than one order of magnitude for six compounds, including benzene, bromoform, bromomethane, chloromethane, naphthalene, 1,2,4-trimethylbenzene and 1,2,5-trimethylbenzene. The detection limit for VOCs in the mobile data was 1.0 ug/m^3. The RBCs exceeded the detection limits for VOCs by less than one order of magnitude for eight compounds including benzene, bromomethane, carbon tetrachloride, 1,4-dichlorobenzene, hexachlorobutadiene, naphthalene, 1,2,4-trimethylbenzene and 1,2,5-trimethylbenzene. This may have resulted in compounds with concentrations that were slightly greater than RBCs being reported as non-detected values and in some instances excluded from the risk assessment. Uncertainties associated with this data limitation will be discussed in the uncertainty section.

For three metals, arsenic, cadmium, and chromium, the detection limits obtained were one to two orders of magnitude greater than the associated RBCs. Given the extremely low concentrations of the RBCs for these metals, it would not have been possible to obtain sufficiently low detection limits regardless of the sampling or analytical methods used. This may have resulted in compounds with concentrations that were slightly greater than RBCs being reported as non-detected values and in some instances excluded from the risk assessment. Uncertainties associated with this data limitation will be discussed in the uncertainty section.

Three samples for VOCs were collected and included with the data set for the Kenova Industrial Cluster to verify procedures used by the State of Kentucky Office of Air Quality's internal operations including the zero air supply in use in 1996 and 1997. The system check samples were not used to qualify data during data validation for this project since neither the sample canisters not the field samplers were used in the same fashion or stored in the vicinity of the

system check samples (Larry Garrison, KY Office of Air Quality pers. com., 2000). The system check samples were not used as samples in the analysis of data from the seven stationary monitoring locations .

4.2.2 Data Summary and Analysis

Summary tables for each monitoring location were prepared. Data for all samples collected at each station were grouped into either the stationary sampling data set or the mobile sampling data set for each location. Data from stationary samplers and the mobile lab that were collected at the same location were not combined. Combining data sets was not feasible because stationary sampler data were collected over a 24-hour period while mobile samples were collected in discreet one hour sampling periods. Because the triggered sample data were collected in a 24-hour sample, these data were included in the data set for Kenova Fire Station, as specified in the Implementation Plan for this risk assessment (USEPA Region 3, 1997).

The following steps, which are in accordance with USEPA's *Risk Assessment Guidance for Superfund* (RAGS) (1989a), were used to summarize the analytical data for this human health risk assessment:

1. Results qualified as rejected (R-qualified) were not included in the data summary. Data qualified as estimated (e.g., J-qualified) were used in the risk assessment with no modification to the presented sample result.

2. Results qualified as blank contaminated (e.g., B-qualified) were included in the data at a surrogate concentration of one-half the sample specific quantitation limit for that compound.

3. For all analyses that include non-detected results, such as determination of the distributional type or calculation of the exposure point concentration, a value of one-half the sample specific quantitation limit was used as a surrogate value for non-detected

results.

4. No information on laboratory duplicates was available. Therefore, laboratory duplicate results were not considered in this risk assessment. Field duplicates were collected at the Corn Field study area only. The maximum concentration for this location was determined using all data points for both co-located samplers and was used in the selection of chemicals of potential concern from this site. Data from duplicate field samplers at the Corn Field study area, where samplers were co-located, were then averaged for each sampling date to determine the concentration of each data point before the calculation of the exposure point concentration. The exposure point concentration for the Corn Field study area was determined using the averaged data points.

4.2.3 Selection of Chemicals of Potential Concern

USEPA guidance (USEPA 1989a) recommends focusing the risk assessment by quantifying risk only for a select list of chemicals of potential concern (COPCs) at a site. These chemicals, which are a subset of all detected chemicals in a given medium, are defined as those chemicals likely to drive the overall potential risks for a site.

For the purposes of this risk assessment, COPCs for a particular medium are limited to those chemicals that exceed a selected risk-based screening criterion. USEPA Region 3 has developed a database of risk-based concentrations (RBCs) for the inhalation pathway. For chemicals present in air, the Region 3 RBCs were used as screening values where available. In several instances where precise Region 3 RBCs were lacking, the RBC for a structurally similar surrogate was used as a screening value. An on-line version of this database (as of April 2000) was consulted to obtain screening values. All screening was performed at a carcinogenic risk level of 1E-6 and a hazard quotient level for noncarcinogens of 0.1.

Region 3 RBCs have not been developed for all chemicals. If no RBC was available for a chemical, that chemical was not included as a COPC for the quantitative risk assessment unless

published toxicity values were available in EPA's Integrated Risk Information System (IRIS) (USEPA 2000), EPA's Health Effects Assessment Summary Tables (HEAST) (USEPA 1997), or in EPA's National Center For Environmental Assessment (NCEA) lists of provisional toxicity values. Risks from exposure to chemicals lacking RBCs and toxicity values are discussed qualitatively in the uncertainty section.

As discussed in Section 4.2.1, detection limits for several VOCs and metals exceeded RBC concentrations. Where positively detected values for any of these chemicals exceeded RBCs, the chemicals were retained as COPCs. However, if no positively detected values exceeded RBCs or if all results were non-detected values, these chemicals were not included as COPCs. The uncertainties with this decision rule will be discussed in the uncertainty section.

Additional screening criteria such as frequency of detection, and comparisons to background concentrations were not applied during COPC selection in this risk assessment.

Four inorganic analytes, calcium, magnesium, potassium and sodium, are considered to be essential nutrients when ingested (USEPA, Region 4 1995, USEPA 1989a), and are typically, excluded from the quantitative analysis of risk for this pathway. Given the lack of oral or inhalation reference does for these chemicals, inhalation exposure will likewise not be evaluated in this risk assessment. However, the effect of omitting these chemicals from the quantitative risk analysis will be discussed in the uncertainty section of this report.

Tables 4.2-1 though 4.2-11 summarize the COPC screening results for each location.

4.3 EXPOSURE ASSESSMENT

The risk assessment presented in this report focuses on direct human exposure via the inhalation pathway. A conceptual site model for the exposure pathways to be assessed is presented in Figure 4-1. A discussion of land use and receptor characteristics was provided in Chapter 2.

The purpose of the exposure assessment is to predict the magnitude and frequency of potential human exposure to each of the compounds included in the risk assessment. In accordance with U.S. EPA guidance (USEPA 1989a) a reasonable maximum exposure (RME) scenario was performed in this risk assessment. Upper-bound estimates of exposure were used in the RME scenario to insure the protection of human health. Also, in accordance with USEPA guidance, average exposures were quantified in this assessment. This central tendency (CT) evaluation is provided to provide an estimate of the risks associated with average exposures to COPCs at each location in question.

4.3.1 Conceptual Site Model and Potential Exposure Routes

This section discusses the conceptual site model for the TGI air risk assessment. A conceptual site model facilitates consistent and comprehensive evaluation of the potential risks to human health by creating a frame work for identifying the pathways by which human receptors may come in contact with contaminated media resulting from the source area. It depicts the relationships between the following elements, which are necessary for defining complete exposure pathways:

- Site sources of contamination
- COPCs in environmental media
- Contaminant release mechanisms
- Contaminant transport pathways
- Exposure mechanisms and exposure routes
- Potential receptors

The conceptual site model for this risk assessment is provided in Figure 4-1. As shown in the model, hazardous air pollutants are emitted to ambient air and transferred to human receptors such as adult or child-age residents. The direct exposure pathway for this medium is the inhalation pathway. Other pathways for exposure to airborne contaminants exist. An example includes the dermal contact pathway. As discussed in RAGS (USEPA 1989a), dermal absorption of vapor phase chemicals is considered to be lower than inhalation intakes in many instances and generally is not considered in exposure assessments. This risk assessment includes an assessment of the inhalation pathway only. There is potential for human exposure to hazardous air pollutants though indirect pathways such as deposition to soil followed by the incidental ingestion of soils by human receptors. This risk assessment will not assess indirect pathways.

4.3.2 Potential Receptors and Exposure Pathways

Potential receptors were identified for existing land use conditions. The receptors were identified by analyzing the interaction of current land use practices and identifying sources of contamination.

Current receptors included both adult and child residential receptors. Residents currently live in close proximity to all sampling locations (Environmental Systems Research Institute, Inc. (ESRI)1998. Data and Maps CD-ROM). A residential receptor was selected for evaluation as it represents the receptor that would be expected to be most protective of human health. Table 4.1-1 summarizes the receptors evaluated in this risk assessment.

4.3.3 Quantification of Exposure

Estimates of exposure are based on the contaminant's concentrations at the exposure point and on scenario-specific assumptions and intake parameters. The models and equations used to quantify intakes are described in this section and have been obtained from a variety of USEPA guidance documents which are cited in the specific intake estimation sections that follow.

4.3.3.1 Determination of Exposure Point Concentrations

To quantitatively evaluate the risks to exposed individuals from a selected environmental medium, concentrations of the COPCs in that medium must be determined. The concentration of the COPC calculated is referred to as the exposure point concentration (EPC). Ideally, the exposure point concentration should be the true mean concentration to which an individual is exposed. However, it is generally not possible to calculate this value since only a sample from a population is available. Therefore, calculation of the EPC was performed as recommended in EPA guidance (USEPA 1992a).

As a conservative estimator of the mean, the 95% UCL of the mean was calculated for each COPC based on the methodology presented in USEPA (1992a) which follows Gilbert (1987). Data sets were tested for normality. If data sets failed the normality test, they were assumed to be lognormal.

The assumption that non-normally distributed data may be treated as lognormal is commonly done in risk assessments, and represents a conservative approach to calculating exposure point concentrations. Typically, the 95% UCL of the mean of a data set evaluated as a nonparametric distribution is less than the 95% UCL of the mean for the same data set evaluated as a lognormal distribution using the H-statistic method from Gilbert (1987). Several recent publications have discussed this issue (Schulz and Griffin 1999; Singh, Singh and Engelhardt 1997). Air monitoring data are typically lognormally distributed, and the treatment of air monitoring data as lognormal is in keeping with assumptions applied in air modeling. In air modeling, pollutant data sets from continuously emitting sources such as automobiles and gasoline stations are typically assumed to exhibit a Gaussian distribution in the horizontal and vertical directions (USEPA 1993). Some uncertainty exists with this assumption since it is possible that there may be non-continuous sources with sporadic emissions which influence the distribution type of the data. However, assuming that air monitoring data are lognormally distributed unless demonstrated to be normal results in the calculation of conservative exposure point concentrations which is the preferred approach in the calculation of exposure point

concentrations (EPA 1989a).

The appropriate 95% UCL of the mean was calculated for the type of distribution determined. Under reasonable maximum exposure (RME) scenarios, guidance provided by the USEPA recommends the use of the lower of either the 95% UCL of the mean or the maximum concentration (USEPA 1992a, USEPA Region IV 1995) as the EPC for each COPC. The actual EPC selected was determined on this basis. The statistical summary of the data sets used in this risk assessment is presented in Appendix B.

Some analytes were not positively detected in every sample at every monitoring point. However, it is necessary to consider the non-detected results together with the detected results of a chemical in order to most accurately represent the conditions at the site. In accordance with USEPA's *Risk Assessment Guidance for Superfund* (RAGS) (1989a), all analyses that included non-detected results, such as determination of the distributional type or calculation of the exposure point concentration, a value of one-half the detection limit was used as a surrogate value for non-detected results.

Use of one-half of the detection limit as a surrogate value for non-detected results does include a degree of uncertainty. As explained in RAGS, chemicals may or may not be present below the reportable limit. The chemical may be present just below the reportable limit or it may not be present at all. If site-specific information indicates that a chemical may be present at a concentration closer to the value of the detection limit, then the detection limit itself may be used as a surrogate value. Subsequently, if site-specific information indicates that a chemical is likely not present then a zero value may be used. However, if there is reason to believe that the chemical is present at some concentration below the reporting limit, RAGS recommends the use of one-half the reporting limit as a surrogate value.

EPCs were developed in this risk assessment for the seven stationary monitoring locations, and four locations sampled by the mobile lab. The data sets used for each location were discussed in Section 4.2.2. EPC determination for the Kenova Fire Station-Stationary sampler also included

data collected by the triggered samplers. Because the triggered sample data were collected in a 24-hour sample, these data were included in the data set for Kenova Fire Station, as specified in the Implementation Plan for this risk assessment (USEPA Region 3, 1997).

For one monitoring location, the Corn Field location, air samples were collected in duplicate. The results of the duplicate samples were compared and found to be similar. These results indicate that the methods used for the collection of air samples were precise. Therefore, following COPC screening using the maximum detected value in both duplicate samples, these results were averaged for each sampling date to develop the EPCs for the Corn Field location.

The EPCs used in this risk assessment are included in Tables 4.3-1 though 4.3-11. As per EPA federal and regional guidance the EPCs used for the CT exposure evaluation were not varied from those used for the RME evaluation (USEPA 1992, USEPA, Region 4 1995).

4.3.3.2 Exposure Parameters and Intake Equations

In any given population, exposure is most accurately described by a distribution of intakes. A distribution arises due to, among other things, variation among individuals in exposure parameters. For example, in a group of exposed individuals, there will be a distribution of breathing rates, body weights, etc. which lead to different amounts of exposure for different people. There may also be uncertainty in the exposure distribution due to such factors as measurement inaccuracies and model errors.

To communicate this inherent variability and uncertainty, USEPA guidelines recommend that risk assessments should include, where possible, “average” or “central tendency” evaluations of exposure and risk as well as a “high end,” and “upper bound” exposure and risk estimates (USEPA 1989a). This study evaluated both a central tendency as well as a highly exposed residential scenario for a child and an adult residential receptors.

To calculate exposure and risk for a highly exposed individual, a high-end estimate of exposure

was developed by using maximum or near maximum values[1] for one or more sensitive exposure factors while leaving others at their mean value (USEPA 1991, USEPA 1997b). Performing the risk assessment in this fashion resulted in a high end descriptor of exposure and risk that is conservative, but is not likely to be higher than the highest exposure for the population in question. These risks have been summarized in Section 4.5.

Exposure factors include exposure frequency, exposure duration, inhalation rate and averaging time for the selected receptor. All receptors, lifetime resident, adult resident and child resident were assumed to have an exposure frequency of 350 days per year, assuming travel away from the area for approximately two weeks per year. The lifetime receptor represented a resident living in the Kenova area for a total of 30 years (i.e. a 30 year exposure duration). This value represents the upper end value for a resident residing in one location. The exposure duration for the adult and child receptor was 24 years and 6 years respectively. Note that these values sum to the 30 year exposure duration of the lifetime receptor. The inhalation rates for the adult and child receptors were derived from standard EPA sources and equaled the upper end rate of inhalation for adults and children. Averaging time was based on the exposure duration for noncarcinogenic effects. The Averaging time was established at 70 years for carcinogenic effects based on the assumption that an average human life-span is approximately 70 years.

To calculate exposure and risk for a more average individual, exposure parameters were set at more central tendency (CT) values. Exposure parameters used in the CT evaluation were derived from average values presented in EPA's *Exposure Factors Handbook* (USEPA 1997b). These risks have been summarized in Appendix C.

In the Central Tendency evaluation, all receptors, lifetime resident, adult resident and child resident were assumed to have an exposure frequency of 350 days per year, assuming travel away from the area for approximately two weeks per year. The lifetime receptor represented a resident

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[1] *For example, when percentiles are available for a particular exposure parameter, a maximum or near maximum value would generally be represented by values in the upper tail (i.e., between the 90th and 99.9th percentile) of the distribution.*

living in the Kenova area for a total of 15 years (i.e. a 15 year exposure duration). The exposure duration for the adult and child receptor was 9 years and 6 years respectively. Note that these values sum to the 15 year exposure duration of the lifetime receptor. These values were developed based on the average time that a resident spends in one dwelling which is equal to 9 years (USEPA 1997b). The inhalation rates for the adult and child receptors were derived from standard EPA sources and equaled the average rate of inhalation for adults and children. The inhalation value used for children was the inhalation rate for 3 to 6 year old children. This value was used in preference to an inhalation rate for 0 to 6 year old children as a conservative estimate of the average child's inhalation rate. It was felt that the inhalation rate for 0 to 2 year old children was not sufficiently conservative for use in this risk assessment. Averaging time was based on the exposure duration for noncarcinogenic effects. The averaging time was established at 70 years for carcinogenic effects based on the assumption that an average human life-span is approximately 70 years.

Calculation of intake factors or the daily dose for each chemical and receptor was performed. The intake factors are equivalent to the daily dose of each chemical for each receptor on a mass-equivalence basis. The formula for the intake calculation for the air inhalation pathway is presented below. Intake values for adult and child receptors for carcinogenic chemicals were calculated separately, then combined into total lifetime intake values. This method provides results identical to those obtained from the calculation of incremental lifetime risks though development of age-adjusted factors, improves the ease of spreadsheet verification and is, therefore, the preferred method.

The following intake equation was applied to determine intakes for the receptors exposed to ambient air (resident adults and resident children).

<u>Inhalation of ambient air</u>

$$Intake\ (dose)\ (mg\ /\ kg - day) = \frac{C_{air} \times EF \times ED \times IHR \times 1/CF\,3}{BW \times (AT_c\ or\ AT_n) \times 365}$$

Where:

C_{air}	= Chemical Concentration in air (µg/m^3)
EF	= Exposure Frequency (days/year)
ED	= Exposure Duration (years)
IHR	= Inhalation Rate (m^3/day)
CF3	= Conversion factor from µg to mg (1000 µg/mg)
BW	= Body Weight (kg)
ATc	= Averaging Time - Carcinogens (years)
ATn	= Averaging Time - Noncarcinogens (years)
365	= 365 days/year

Air concentrations used in this intake equation represented the EPCs calculated for each location and sample collection method. Standard exposure factors were utilized in these calculations, and are presented in Tables 4.4-1 and 4.4-2 for the adult and child resident receptors, respectively. Exposure parameters used in central tendency calculations are presented in Appendix C.

4.4. TOXICITY ASSESSMENT

The toxicity assessment examines information concerning the potential human health effects associated with exposure to COPCs. The goal of the toxicity assessment is to provide, for each COPC, a quantitative estimate of the relationship between the magnitude and type of exposure and the severity or probability of human health effects. The toxicity values presented in this section are integrated with the outputs of the exposure assessment to characterize the potential for the occurrence of adverse health effects.

The toxicity assessment involves the identification of cancer and noncancer health effects associated with each of the chemicals that have been selected as contaminants of potential concern (COPCs). It also provides useful information regarding the quantitative relationship between exposure and probability or severity of adverse health effects, also referred to as the dose-response relationship.

The toxicological evaluation involves a critical review and interpretation of toxicity data from epidemiological, clinical, animal, and in vitro studies. This review of the data ideally determines both the nature of the health effects associated with a particular chemical, and the probability that a given quantity of a chemical could result in the referenced effect. This analysis defines the relationship between the dose received and the incidence of an adverse effect for the COPC.

The entire toxicological data base is used to guide the derivation of cancer slope factors (CSFs) for carcinogenic effects and reference doses (RFDs) for noncarcinogenic effects. These data may include epidemiological studies, long-term animal bioassays, short-term tests, and comparisons of molecular structure. Data from these sources are reviewed to determine if a chemical is likely to be toxic to humans. Because of the lack of available human studies, however, the majority of toxicity data used to derive CSFs and RfDs comes from animal studies.

Inadequate toxicological data exists for a number of chemicals that were detected during sampling activities. Surrogate compounds were not selected, and, therefore, these chemicals have not been quantitatively evaluated in this risk assessment.

4.4.1 Noncarcinogenic Effects

For noncarcinogens, it is assumed that there exists a dose below which no adverse health effects will be seen. Below the "threshold" dose, exposure to a chemical can be tolerated without adverse effects. For noncarcinogens, a range of exposure exists that can be tolerated. Toxic effects are manifested only when physiologic protective mechanisms are overcome by exposures to a chemical above its threshold level.

Systemic toxicity involves absorption and distribution of a toxicant from its entry point to a distant site where it produces deleterious effects. The alternative to systemic effects is local effects. Local effects are produced at the site of first contact between the biological system and the toxicant. With the exception of highly reactive substances, most produce systemic effects. Some materials produce both systemic and local effects. In these cases, the toxicant can cause effects at the site of absorption and is then transported to another part of the body where it results in additional toxic effects. Substances that are considered systemic toxicants usually do not cause the same degree of toxicity in all parts of the body that are encountered, but instead elicit major toxicity in one or a few organs. Maternal and developmental endpoints are considered systemic toxicity.

The potential for noncarcinogenic health effects resulting from exposure to chemicals is assessed by comparing an exposure estimate (intake or dose) to an RfD. The RfD is expressed in units of mg/kg/day, and represents a daily intake of a contaminant per kilogram of body weight that is not sufficient to cause the threshold effect of concern. An RfD is specific to the chemical, the route of exposure, and the duration over which the exposure occurs. Separate RfDs are represented for ingestion and inhalation pathways. When evaluating the noncarcinogenic effects, it is also necessary to identify the target organ for the critical effect for each route of exposure.

RfDs are estimates (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects during a lifetime. Chronic RfDs are

specifically developed to be protective for long-term exposure to a compound (USEPA, 1989a). RfDs are based upon the critical effect levels observed during human and animal studies, such as the lowest dose at which adverse health effects are observed. Uncertainty factors (UF) are then applied to the experimental doses. The basis for application of different uncertainty factors are explained below:

- A UF of 10 is used to account for variation in the general population and is intended to protect sensitive subpopulations, such as children and the elderly.

- A UF of 10 is used when extrapolating from animal to humans. This factor is intended to account for the interspecies variability between humans and other mammals.

- A UF of 10 is used when a No Observed Adverse Effect Level (NOAEL) derived from a subchronic instead of a chronic study is used as the basis for the chronic RfD.

- A UF of 10 is used when a Lowest Observed Adverse Effect Level (LOAEL) is used instead of a NOAEL. This factor is intended to account for the uncertainty associated with extrapolating from LOAELs to NOAELs.

In addition to the UFs listed above a modifying factor (MF) may be applied. A MF ranging from greater than zero to 10 is included to reflect a qualitative professional assessment of additional uncertainties in the critical study and in the entire database for the chemical not explicitly addressed by the UFs. The default value for the MF is 1 (USEPA 1989a).

Inhalation noncancer reference values are expressed as a reference concentration (RfC) in units of mg/m^3. The RfC must be converted to an inhalation RfD since noncancer risk characterization requires that the reference values be expressed as mg/kg-day. The conversion from RfC to RfD is based on continuous exposure of an adult that inhales 20 m^3 of air per day and weighs 70 kg. The RfD is calculated by multiplying the RfC by 20 m^3/day and then dividing the calculated value by 70 kg.

A complete listing of the noncancer oral and inhalation toxicity data used in this risk assessment are provided in Tables 4.5-1 and 4.5-2. The hierarchy of toxicological information sources used during this evaluation was based on the recommendations presented in RAGS (1989a). The primary source of these values was the Integrated Risk Information System (IRIS) database (USEPA April 2000). In the absence of toxicological data from IRIS, the secondary source to review for this information was the Health Effects Assessment Summary Tables (USEPA 1997). When there was no data available from either of these sources, the provisional values that were developed by the National Center for Environmental Assessment (NCEA) were used. These provisional values are referred to as EPA/NCEA provisional values on Tables 4.5.1 and 4.5.2. Finally, if toxicity values were not available from any of the sources listed above, toxicity values withdrawn from IRIS or HEAST were considered for use. Tables 4.5-1 and 4.5-2 include the primary target organs or organs affected by a particular chemical or the critical effect of a chemical, as listed in IRIS. This information was used in the risk characterization section to segregate risks by target organ effects, when a Hazard Index exceeded unity.

As specified in the implementation plan for this risk assessment, oral RfDs were used in inhalation hazard calculations when inhalation RfDs or RfCs could not be obtained. No additional uncertainty factors were applied when using oral RfDs to represent inhalation RfDs.

4.4.2 Carcinogenic Effects

A relatively small number of chemicals have been identified as human carcinogens, however, many other chemicals are suspected of causing carcinogenic effects. The carcinogenic evaluation of chemicals includes qualitative and quantitative analyses. The qualitative assessment provides a weight-of-evidence that describes the likelihood of a chemical to induce cancer in humans. This evaluation is based upon peer-reviewed scientific literature based on human and animal exposures. The six weight-of-evidence classifications recognized by EPA are presented below (EPA, 1986).

- **Group A - Human Carcinogen:** Based on sufficient human data, the chemical is

identified as a human carcinogen.

- **Group B1 - Probable Human Carcinogen:** Human data indicate that a causal association between the chemical and carcinogenic effects exists, however, alternative explanations can not be dismissed.

- **Group B2 - Probable Human Carcinogen:** Human data are insufficient to support a causal association, however, testing data in animals support a causal association.

- **Group C - Possible Human Carcinogen:** Human data are inadequate or lacking , however, animal data suggests a causal association. However, animal studies have deficiencies that limit their interpretation.

- **Group D - Not Classifiable as to Human Carcinogenicity:** Human and animal data are lacking or inadequate.

- **Group E - Evidence of Noncarcinogenicity to Humans:** Human data are negative or lacking, and adequate animal data indicate no association with cancer.

EPA assumes that thresholds do not exist for carcinogens, therefore, any exposure is associated with some quantifiable risk. The toxicity values for carcinogenicity, referred to as cancer slope factors (CSF), are a quantitative estimate of potency. It is defined as the upper bound estimate of the probability of a cancer incidence per unit dose averaged over a lifetime. Slope factors are derived from studies of carcinogenicity in humans and/or laboratory animals, and are typically calculated for compounds in Groups A, B1, and B2, although some Group C carcinogens also have slope factors and some B2 carcinogens have none (e.g., lead).

Slope factors are specific to a chemical and route of exposure and are expressed in units of $(mg/kg\text{-}day)^{-1}$ for both oral and inhalation routes. Inhalation cancer toxicity values are also

expressed as inhalation unit risks in units of reciprocal $\mu g/m^3$ ($1/\mu g/m^3$). Because cancer risk characterization requires an estimate of a reciprocal dose in units of 1/mg/kg/day, the inhalation unit risk must be converted to the mathematical equivalent of an inhalation cancer slope factor, or risk per unit dose (mg/kg-day). This is done by assuming that humans weigh 70 kg and inhale 20 m^3 of air per day [i.e., the inhalation unit risk ($1/\mu g/m^3$) is divided by 20 m^3/day, multiplied by 70 kg, and multiplied by 1,000 μg/mg to yield the mathematical equivalent of an inhalation slope factor (1/mg/kg-day)].

When determining the potential carcinogenic risk associated with airborne contaminants, the most preferable CSFs are those derived for inhalation. However, in the absence of an inhalation CSF for a particular chemical, its oral CSF was used in the evaluation.

EPA's Office of Air Quality Planning and Standards (OAQPS) has summarized information suggesting that at least some of the air concentrations of nickel derived from industrial emissions should be assumed to consist of the carcinogenic crystalline form, the pure form of which is nickel subsulfide (Smith et. al 2000). Available nickel speciation information for some of the largest nickel-emitting sources, including oil combustion, coal combustion and others, suggest that at least 35% or more of total nickel emissions are soluble compounds. Of the insoluble nickel emissions, 17% is thought to be oxides, 3% or more sulfides, and the risk is unknown. Based on these data, the EPA OAQPS has assumed that 50% of emitted nickel is insoluble and that 50% of insoluble nickel is crystalline. On this basis, OAQPS recommends that the unit risk for nickel subsulfide be used by dividing by four and applying this unit risk to all nickel compounds (Smith et. al. 2000). Critical studies used to define the unit risk for nickel subsulfide, as published in IRIS, were conducted in the vicinity of the Kenova Industrial Cluster (Enterline and Marsh 1982). Therefore, emissions of nickel subsulfide have been demonstrated to occur in the vicinity of this project's area of concern. Therefore, in this risk assessment, it has been assumed that 25% of the nickel concentrations consist of nickel subsulfide. The unit risk applied equals the unit risk for nickel subsulfide published in IRIS (April 2000) divided by a factor of four to account for the presence of 75% of the nickel in non-carcinogenic forms.

A complete listing of oral and inhalation cancer toxicity data is provided in Tables 4.6-1 and 4.6-2. Sources of carcinogenicity data were based on the recommendations of RAGS (1989a). The primary source of information for these values is IRIS (April 2000). The USEPA intends that IRIS supersedes all other sources of toxicity information for risk assessment. The secondary source of this information is HEAST (USEPA 1997). If toxicity data are not available from either of these sources, the Environmental Protection Agency, National Center for Environmental Assessment provisional values were used to evaluate toxicity. Finally, if toxicity values were not available from any of the sources listed above, toxicity values withdrawn from IRIS or HEAST were considered for use.

4.5 RISK CHARACTERIZATION

This section provides a characterization of the potential human health risks associated with the potential exposure to COPCs identified at the seven stationary monitoring stations and the four locations sampled with the mobile lab. Section 4.5.1 outlines the methods used to quantitatively estimate the type and magnitude of potential risks for human receptors. A summary of the risk characterization used in this risk assessment is provided in Section 4.5.2.

The evaluation of lead represents a special case. The equations and methodology presented in the previous sections cannot be used to evaluate exposure to lead because of the absence of published dose-response parameters for this chemical. Lead is identified as a COPC for all stationary monitoring locations since no RBC has been developed for this chemical.

Exposure to lead in air will be addressed in a qualitative fashion through a direct comparison of the maximum lead concentration in air at each stationary sampling location to the National Ambient Air Quality Standard (NAAQS) for lead (40 CFR Part 50). The results of these comparisons are summarized in Section 4.5.2. NAAQS are designed to be protective of human health over long-term exposure periods. Therefore, it is assumed that if maximum concentrations of lead detected are not in excess of the associated NAAQS, then risks to human health from ambient air concentrations of lead would be expected to be minimal.

4.5.1 Methodology for Estimation of Quantitative Risks

Potential human health risks resulting from exposure to COPCs are estimated using algorithms established by the USEPA (USEPA, December 1989a). The methods described by the USEPA are protective of human health and are likely to overestimate (rather than underestimate) risk. The methodology uses specific algorithms to calculate risk as a function of chemical concentration, human exposure parameters, and toxicity.

Risks from hazardous chemicals are calculated for either noncarcinogenic or carcinogenic effects. Some carcinogenic chemicals may also exhibit noncarcinogenic effects. Potential impacts are then characterized for both types of health effects.

4.5.1.1 Noncarcinogenic Effects

The hazards associated with the effects of noncarcinogenic COPCs are evaluated by comparing an exposure level or intake to an RfD. The ratio of the intake to the RfD is called the hazard quotient (HQ) and is defined as follows (USEPA 1989a):

$$HQ_i = \frac{Intake_i}{RfD_i}$$

Where:

HQ_i = Hazard Quotient for chemical "i" (unitless)

$Intake_i$ = Intake of chemical "i" expressed as an average daily dose in (mg/kg-day)

RfD_i = Reference Dose of chemical "i" in (mg/kg-day)

The noncancer hazard quotient assumes that there is a level of exposure (i.e., the RfD) below which it is unlikely for even sensitive populations to experience adverse health effects. If the exposure level exceeds this threshold, there may be concern for potential noncancer effects. As a rule, the greater this exceedance, the greater the level of concern. Such exceedances should not,

however, be interpreted as statistical probabilities. An HQ of 0.001 does not mean that there is a one in one thousand chance of the effect occurring. Further, it is important to emphasize that the level of concern does not increase linearly as the RfD is approached or exceeded because RfDs do not have equal accuracy or precision and are not based on the same severity of toxic effects. Thus, the slopes of the dose-response curve in excess of the RfD can range widely depending on the substance (USEPA 1989a).

The hazard index (HI) describes the overall potential for noncarcinogenic effects posed by more than one chemical. The approach assumes that simultaneous exposures to several chemicals could produce an adverse effect. The HI is generated by summing the individual HQs for all the COPCs. The magnitude of the adverse effect is assumed to be proportional to the sum of the ratios of the sub-threshold exposures to acceptable exposures. As with the individual hazard quotients, there is a potential for adverse health effects when the ratio exceeds one. Limitations of the HI approach include that the level of concern does not increase linearly as the RfD is approached or exceeded since all RfDs do not have the same accuracy or precision and are not based on the same severity of effect.

The HI approach is most properly applied to compounds that produce the same effect by the same mechanism. Application of the hazard index approach to a number of chemicals that elicit various toxic effects through different mechanisms could result in an overestimation of the potential for noncarcinogenic effects. When the HI exceeds unity, the HQs may be segregated by target organ effects and mechanism of action since the HQs for all noncarcinogens are not considered to be truly additive unless similar target organs are affected. Segregation of hazard indices by effect and mechanism of action requires the identification of the major toxic effects for each chemical including those seen at higher doses than the critical effect. Major effect categories include neurotoxicity, developmental toxicity, reproductive toxicity, immunotoxicity, and adverse effects by target organ (i.e., hepatic, renal, respiratory, cardiovascular, gastrointestinal, hematological, musculoskeletal and dermal/ocular effects) (USEPA 1989a). Once this information is compiled, the chemicals may be classified into various groups based on the toxic endpoint. Segregation of hazard indices must be carefully done to avoid the

underestimation of the actual noncarcinogenic risks associated with exposure. Segregation of hazard indices requires the careful review of current toxicological information for each of the contaminants of concern.

The hazard segregation performed in this risk assessment included the identification of the critical effect of each chemical, and its other major effects. Hazard segregation was performed on the critical effect only. This method may underestimate the hazards from chemicals that effect multiple target organs or operate through multiple modes of action. The critical effects/target organ data for each chemical are presented in Tables 4.5-1 and 4.5-2. A list of major effects and target organs for each chemical is presented in Appendix D in Table D-1 along with the literature sources used to obtain the major effects/target organ information. During this risk assessment, toxicological data found in the IRIS Database (April 2000), HEAST (HEAST 1997), ATSDR Toxicological Profiles, the on-line Hazardous Substances Data Base (HSDB, April 2000) and other literature sources, as needed, were reviewed to obtain this information. Results of the hazard segregation are presented in Appendix D, and discussed in Section 5.2, Risk Characterization.

The estimation of noncarcinogenic effects (i.e., the calculation of HQs and HIs) should not be construed as a probability in the manner of the incremental lifetime cancer risk, but rather a numerical indicator of the extent to which a predicted intake exceeds, or is less than, an RFD.

4.5.1.2 Carcinogenic Effects

Risks attributable to exposure to carcinogenic COPCs are estimated as the probability of an individual developing cancer over a lifetime as a result of exposure to a potential carcinogen. At low doses, the incremental lifetime cancer risk (ILCR) is determined as follows (USEPA 1989a):

$$ILCR_i = Intake_i \ x \ CSF_i$$

Where:

$ILCR_i$	= Incremental Lifetime Cancer Risk for chemical "i," expressed as a unitless probability
$Intake_i$	= Intake of chemical "i" expressed as a lifetime average dose in (mg/kg-day)
CSF_i	= Inhalation cancer slope factor for chemical "i" in $(mg/kg\text{-}day)^{-1}$

Individual chemical-specific cancer risks are summed to estimate the total incremental individual lifetime cancer risk for simultaneous exposure to several carcinogens. The risk summation technique assumes that synergistic or antagonistic chemical interactions will not occur and that all chemicals produce the same effects. These assumptions may result in either an underestimation or overestimation of the actual risk that may result from actual exposure to multiple substances.

4.5.2 Results of the Risk Characterization

This section contains a summary of the results of the risk characterization for the air risk assessment for the Tri-State Geographic Initiative. Separate risk characterization summaries are provided for the Centennial Drive, Corn Field, Kenova Fire Station, Kenova Water Works, Lockwood Estates, Sweet Run and Webbville locations, and for the data collected by the mobile lab for the Corn Field, Kenova Fire Station, Kenova Water Works and Southpoint Ethanol sampling locations. Both noncarcinogenic hazards and carcinogenic risks were evaluated for each location.

The human health risk assessment (HHRA) for each location was performed to characterize the potential risks to likely human receptors under current land use. The receptors considered in this HHRA were the adult residential receptor and the child residential receptor. Residents currently live in close proximity to all sampling locations and it is reasonable to assume that areas currently in residential land use will remain as such in the future.

Results from the human health risk assessment and acute evaluation were compared to the target

risk levels defined in the Tri-State Geographic Initiative *Risk Management Plan* (TGI 1997d). As defined in the TGI *Risk Management Plan*, further action will be proposed if any of the following is true:

- Chronic noncarcinogenic risks are found for any individual pollutant in excess of a hazard quotient of 1.
- Lifetime carcinogenic risks are found for any individual pollutant in excess of a risk level of 1E-06 (or 1 in 1,000,000)

The results of both the stationary and the mobile sampling events were considered in the risk characterization. However, the results using stationary sampling data and those using mobile sampling data are calculated and presented separately. All risk and hazard calculations were performed using Reasonable Maximum Exposures (RME). Risk and hazard calculations for central tendency exposure are included in Appendix C, and are discussed in the uncertainty section.

Noncarcinogenic risks which were calculated using the stationary sampling data are presented in Tables 4.7-1 through 4.7-14. Noncarcinogenic risks which were calculated using the mobile sampling data are presented in Tables 4.7-15 through 4.7-22.

Carcinogenic risks which were calculated using the stationary sampling data are presented in Tables 4.8-1 through 4.8-21. Carcinogenic risks which were calculated using the mobile sampling data are presented in Tables 4.8-22 through 4.8-33. The carcinogenic risk summaries include a calculation of cancer risk for the lifetime resident receptor as well as separate calculations for the child residential receptor and the adult residential receptors.

Summaries of all hazard and risk values calculated are included in Tables 4.9-1 through 4.9-4 for noncarcinogenic hazards and in Tables 4.10-1 through 4.10-6 for carcinogenic risks for each receptor, station location and for the stationary sampler and mobile laboratory data. Tables 4.11-1 and 4.11-2 present a summary of central tendency results.

For purposes of assessing the potential for exposure to multiple carcinogens and non-carcinogens, these tables also include the sum of the noncarcinogenic hazard quotients for both adults and children at each monitoring site as well as the sum of the carcinogenic risk for adults, children, and 30 year (i.e., adults + childhood) exposures. The 30 year exposure evaluated for carcinogenic risk is also referred to in this risk characterization as lifetime exposure. The term lifetime is used because the averaging time (AT) for carcinogens is the life expectancy, although this analysis assumes that the exposure occurs over a 30 year time period only. When the hazard index exceeded a value of one, an assessment of target organ and mechanism of action effects was undertaken. This analysis is provided in Appendix D.

4.5.2.1 Calculation of Noncancer Hazards and Cancer Risks - Stationary Data

Centennial Drive

The non-cancer hazard index (HI) for an adult residential receptor was 2.6 with the primary hazard being benzene. The HI for a child residential receptor was 3.8 with the primary contributors with HQs in excess of one being benzene and manganese. HIs for at least one target organ system were in excess of one for both the adult and the child receptor.

Calculated cancer risks were: 4.2E-05 for an adult residential receptor, 2.9E-05 for a child residential receptor, and 7.1E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, cadmium and chromium.

The maximum lead concentration in air detected at this study area was approximately one order of magnitude less than the associated NAAQS for lead.

Corn Field

The non-cancer HI for an adult residential receptor was 2.4. However, no HQs for any

individual chemical exceeded one for this receptor. The HI for a child residential receptor was 6.8 with the primary contributors with HQs in excess of one being benzene and manganese. HIs for at least one target organ system were in excess of one for both the adult and the child receptor.

Calculated cancer risks were: 2.8E-05 for an adult residential receptor, 1.9E-05 for a child residential receptor, and 4.7E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, chloromethane, cadmium and chromium.

The maximum lead concentration in air detected at this study area was more than one order of magnitude less than the associated NAAQS for lead.

Kenova Fire Station

The non-cancer hazard index (HI) for an adult residential receptor was 3.6 with the primary contributor with an HQ in excess of one being benzene. The HI for a child residential receptor was 10 with the primary contributors with HQs in excess of one being benzene and manganese. HIs for at least one target organ system were in excess of one for both the adult and the child receptor.

Calculated cancer risks were: 6.4E-05 for an adult residential receptor, 4.5E-05 for a child residential receptor, and 1.1E-04 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, arsenic, cadmium and chromium.

The maximum lead concentration in air detected at this study area was approximately one order of magnitude less than the associated NAAQS for lead.

Kenova Water Works

The non-cancer hazard index (HI) for an adult residential receptor was 1.3. However, no HQs for any individual chemical exceeded one for this receptor. The HI for a child residential receptor was 3.7. However, no HQs for any individual chemical exceeded one for this receptor. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 1.8E-05 for an adult residential receptor, 1.3E-05 for a child residential receptor, and 3.1E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, chloromethane, dichloromethane, cadmium and chromium.

The maximum lead concentration in air detected at this study area was more than one order of magnitude less than the associated NAAQS for lead.

Lockwood Estates

The non-cancer hazard index (HI) for an adult residential receptor was 9.9E-1. The HI for a child residential receptor was 2.8. However, no HQs for any individual chemical exceeded one for this receptor. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 2.5E-05 for an adult residential receptor, 1.7E-05 for a child residential receptor, and 4.2E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included arsenic, benzene, chloromethane, arsenic, cadmium and chromium.

The maximum lead concentration in air detected at this study area was approximately one order of magnitude less than the associated NAAQS for lead.

Sweet Run

The non-cancer hazard index (HI) for an adult residential receptor was 1.4. However, no HQs for any individual chemical exceeded one for this receptor. The HI for a child residential receptor was 3.9 with the primary contributor being benzene. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 5.8E-05 for an adult residential receptor, 4.1E-05 for a child residential receptor, and 9.9E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, chloromethane, dichloromethane, cadmium, and chromium.

The maximum lead concentration in air detected at this study area was more than one order of magnitude less than the associated NAAQS for lead.

Webbville

The non-cancer hazard index (HI) for an adult residential receptor was 0.57. The HI for a child residential receptor was 1.6 However, no HQs for any individual chemical exceeded one for this receptor. No HIs for any target organ system exceeded one for either the adult or the child receptor.

Calculated cancer risks were: 1.8E-05 for an adult residential receptor, 1.3E-05 for a child residential receptor, and 3.1E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, chloromethane, dichloromethane, cadmium and chromium.

The maximum lead concentration in air detected at this study area was approximately two orders of magnitude less than the associated NAAQS for lead.

4.5.2.2 Calculation of Noncancer Hazards and Cancer Risks - Mobile Data

Corn Field

The non-cancer hazard index (HI) for an adult residential receptor was 1.1. The HI for a child residential receptor was 3.0. However, no HQs for any individual chemical exceeded one for either receptor. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 6.6E-06 for an adult residential receptor, 4.6E-06 for a child residential receptor, and 1.1E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, carbon tetrachloride and chloromethane.

Kenova Fire Station

The non-cancer hazard index (HI) for an adult residential receptor was 2.5. The HI for a child residential receptor was 7.1 with the primary contributors being benzene, hexachlorobutadiene and naphthalene. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 1.6E-05 for an adult residential receptor, 1.1E-05 for a child residential receptor, and 2.8E-05 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene, carbon tetrachloride, chloromethane, 1,4-dichlorobenzene and hexachlorobutadiene.

Kenova Water Works

The non-cancer hazard index (HI) for an adult residential receptor was 0.35. The HI for a child residential receptor was 0.97. No HQs for individual chemicals exceeded one at this location. No HIs for any target organ exceeded one.

Calculated cancer risks were: 2.4E-06 for an adult residential receptor, 1.7E-06 for a child residential receptor, and 4.1E-06 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included benzene.

Southpoint Ethanol

The non-cancer hazard index (HI) for an adult residential receptor was 0.65. The HI for a child residential receptor was 1.8. No HQs for individual chemicals exceeded one at this location. HIs for at least one target organ system were in excess of one for the child receptor.

Calculated cancer risks were: 4.8E-06 for an adult residential receptor, 3.4E-06 for a child residential receptor, and 8.2E-06 for a lifetime residential receptor. Chemicals at this study area, that, individually, had risks in excess of 1E-6 for the lifetime residential receptor included

benzene and chloromethane.

4.5.3 Central Tendency Estimates

The results of the CT evaluation are summarized in Tables 4.11-1 and 4.11-12 for noncarcinogenic hazards and carcinogenic risks respectively. Full results of the central tendency analysis are presented in Appendix C. Based on central tendency exposure estimates, several locations which previously had HIs in excess of one when evaluated using RME exposure estimates, no longer exceed this threshold. For example, using central tendency exposure estimates, HIs less than one were obtained for both the adult and the child receptor at the Webbville location. In addition, HQs for several chemicals which previously had HQs in excess of one when evaluated using RME exposure estimates, no longer exceeded this threshold. One example is manganese at the Kenova Fire Station location. Using central tendency exposure estimates, an HQ less than one was obtained for both the adult and the child receptor for manganese.

Similar results were obtained for carcinogenic risks based on central tendency exposure estimates. For most of the monitoring and modeling locations, at least one chemical with risks above 1E-6 under RME exposure estimates no longer exceeded this threshold when central tendency exposure estimates were employed.

These results may be used during the risk management portion of the TGI Risk Study (TGI 1997d).

4.6 UNCERTAINTY ANALYSIS

This section discusses the uncertainties associated with this evaluation. The risk measures used in this evaluation are not fully probabilistic estimates of risk, but conditional estimates given a considerable number of assumptions about exposure and toxicity. Thus, it is important to specify the assumptions and uncertainties inherent in the risk assessment to place the risk estimates in

proper perspective. Another use of uncertainty characterization can be to identify areas where a moderate amount of additional data collection might significantly improve the basis for risk-based decision making (USEPA 1989a).

Highly quantitative statistical uncertainty analysis is usually not practical or necessary for many risk assessments for a number of reasons, not the least of which are the resource requirements to collect and analyze site data in such a way that the results can be presented as valid probability distributions. As in all environmental risk assessments, it already is known that uncertainty about the numerical results is generally large (i.e., on the range of at least an order of magnitude or greater). Consequently, it is more important to identify the key site-related variables and assumptions that contribute most to the uncertainty than to precisely quantify the degree of uncertainty in the risk assessment. Thus, the focus of this section is on qualitative information on the possible sources and magnitudes of uncertainty in the risk estimates.

There are uncertainties associated with each component of the risk assessment from data collection through risk characterization. For example, there is uncertainty in the initial selection of substances used to characterize exposures and risk on the basis of the sampling data and available toxicity information. Other sources of uncertainty are inherent in the toxicity values for each substance and the exposure assessments used to characterize risks. Finally, additional uncertainties are incorporated in the risk assessment when exposures to several substances across multiple pathways are summed.

Once the risk assessment is complete, the results must be reviewed and evaluated to identify the type and magnitude of uncertainty involved. This interpretation is especially relevant when the risks exceed the point-of-departure for defining "acceptable" risk. Areas of uncertainty in each risk assessment step are discussed below.

4.6.1 List of Physical Setting Definition Uncertainties

Chemicals Not Included in the Risk Assessment

The chemicals evaluated in this risk assessment were based on air sampling performed for the TGI project by the States of Kentucky and West Virginia. The list of compounds included for analysis was extensive. However, there is the possibility that some compounds of concern may be present, but were not taken into account in the risk estimates. For example, sampling performed by the mobile laboratory was limited to analyses for VOCs only. Therefore, risk estimates presented do not include potential risks from SVOCs, metals, and acidic and basic gases. This will tend to cause an underestimation of risk.

Uncertainty may be associated with the data evaluation process. Discrepancies were found between the detection limits obtained during the analysis of air samples for some VOCs and metals, and their respective RBCs. These data did not meet the data quality objectives established for this risk assessment and may have resulted in an underestimation of risks posed by several VOCs and metals in air in the Kenova Industrial Cluster study area.

Chemicals were screened out during the COPC selection process based on USEPA Region IV methodologies for reducing the number of chemicals to be carried through the risk assessment process (USEPA, Region 4 1995). The purpose of such a screen is to reduce the number of calculations necessary while not significantly affecting the quantitative risk evaluation outcome. There is a minor amount of uncertainty associated with this COPC selection process that may impact the numerical risk estimates. The selection of COPCs is made on a conservative basis and it is unlikely that significant risk drivers would be omitted during the COPC selection process. As discussed below, uncertainties associated with retaining COPCs, that occur at low frequencies, tend to result in overestimation of risks.

The health effects of the essential nutrients calcium, magnesium, potassium and sodium were not assessed based on their toxicological properties in this risk assessment owing to the lack of oral or inhalation reference does for these chemicals. Exposure to the airborne concentrations of calcium, magnesium, potassium and sodium detected in the Kenova Industrial Cluster would not be anticipated to result in significant health effects based on physical effects.

The RBC health-based screening benchmarks for non-carcinogenic effects have traditionally been derived for adult-only exposures, rather than for children. This may tend to underestimate the potential risks presented by airborne pollutants since non-carcinogenic RBC values derived specifically for children would be slightly lower than those derived for adult-only exposures (i.e., non-carcinogenic RBCs based on childhood-only exposures would be lower than adult-only RBCs by a factor of approximately 2.8).

COPCs in this risk assessment were not screened against background concentrations. All COPCs were retained to provide a complete characterization of risk, even though some detected concentrations may be attributable to background conditions. The use of this approach leads to the overestimation of potential risks associated with contaminants found in the study area.

Sample Representativeness

The risk estimates presented in this report are based on a limited number of sampling points owing to resource constraints. Theoretically, risks should be similar to those calculated for the specific sampling points within some area. However, the extent of the areal coverage is unknown. Data from single sampling points was collected for a full year for the stationary sampler locations. However, for the mobile lab sampling events, the sample duration was as short as a little over two weeks to approximately six weeks. Only one sample location was sampled in more than one season. Results of samples from these shorter period may lack accuracy when estimating annual concentrations. Risks based on these data sets may either be overestimates or underestimates of actual risks. However, the similarity between the results from the stationary samples and the mobile lab suggest that seasonal variation may be low. Further field studies would be needed to improve the confidence level of the mobile lab data sets for the evaluation of risks on an annual basis.

Likelihood of the Completed Exposure Pathway Considered

There is little uncertainty that residents in the Kenova Industrial Cluster are breathing the air.

However, indirect pathways such as deposition of airborne contaminants to soil or water with subsequent ingestion or dermal contact with airborne contaminants have not been considered. In addition, no modification to exposure units have been performed based on a partitioning among types of activities. For example, contaminants present in indoor air may not be identical to those present in outdoor air. Not having evaluated all possible exposure pathways will tend to underestimate the risk.

4.6.2 Model Applicability and Assumptions

The model used to evaluate exposure in this assessment (see Section 4.3 above) presumes that risk is appropriately evaluated by determining a total dose of chemical and averaging it over the exposure duration (in the case of non-carcinogens) or over a lifetime (in the case of carcinogens). This assumption may tend to underestimate the risk since averaging over the exposure duration or lifetime does not allow for an evaluation of excursions in exposure (i.e., high spikes in concentration over a short time period). Such excursions could provide a dose which, when not averaged out over the averaging time, is high enough to bring the receptor into a range of acute effects (note that acute effects were specifically evaluated in this assessment).

4.6.3 Parameter Value Uncertainty

During the course of a risk assessment, numerous parameter values are included in the calculations of human intake. It is important to summarize the uncertainty associated with key parameters and to describe the effect they may have on the overall assessment. An evaluation of certain key parameters is provided below.

The concentration term in this evaluation is relatively well characterized given the number of samples collected over a one year period for each stationary sampling location. As such, the values used to represent concentration is not likely to have underestimated the risk (especially when one considers that the 95% UCL of the arithmetic mean, based on a lognormal distribution) was used for the EPC. It should be noted that the use of one-half the detection limit as a surrogate for concentration for non-detected chemicals in any particular sample can influence the calculated 95% UCL value resulting in possibly over- or underestimating the results. Nevertheless, the assumption of lognormality should provide a conservative estimate of concentration that should not cause an underestimation of risk. It is not known the extent to which the year during which these data were collected is representative of other years and this represents an uncertainty with this data set. The use of the mobile sampling data to generate annual average exposure terms is somewhat suspect given the much less than one year period over which these data were collected.

Values used for other exposure parameters used in these evaluation such as inhalation rate, exposure duration and exposure frequency were obtained from a variety of secondary sources. These parameter values were developed based on studies of activity patterns and physiology published in the primary, peer reviewed literature. This risk assessment used both high end (RME) and central (CT) parameter values to evaluate risks. As such, the values used are believed to be sufficiently conservative to not have resulted in an underestimation of risk.

4.6.4 Toxicity Assessment Uncertainty Factors

Uncertainties associated with the toxicity assessment (determination of RfDs and CSFs are use of available criteria) are inherent in the risk assessment process. Uncertainty exists in the toxicological data base and in the methodology used to derive RfDs and CSFs. However, this uncertainty is mitigated by the use of uncertainty and modifying factors for RfDs. For cancer effects, the uncertainty associated with dose-response factors is mitigated by assuming the 95 percent upper bound for the slope factor. As a conservative assumption, oral RfDs or CSFs were used in the inhalation pathway for COPCs lacking inhalation RfDs or CSFs. This procedure may have resulted in an overestimation or underestimation of risks from this pathway.

Although lead was identified as a COPC in air, a quantitative risk assessment of lead has not been performed. The current standard for lead, measured as elemental lead, is 1.5 ug/m^3, which is the maximum arithmetic mean averaged over a calendar quarter (40CRF Part 50). The National Ambient Air Quality Standard for lead was not exceeded at any of the study areas.

Toxicity data were not available to evaluate several of the chemicals detected in the air samples. These chemicals were not evaluated in this risk assessment using toxicity values derived from structurally similar surrogates because the actual chemicals may be more or less toxic than the surrogate selected. Therefore, some uncertainty has been introduced into the risk assessment by omitting an evaluation of these chemicals with the results that the risks are likely to be underestimated.

A potential source of uncertainty which may have affected the risk results was the assumption that all chromium detected in the air was in the Cr+6 form rather than the Cr+3 form. This assumption was supported by an evaluation of chromium conducted by EPA and presented in the toxicological profile developed for chromium by the Agency for Toxic Substances and Disease Registry (EPA, 1990a). The report presents estimates of atmospheric chromium emissions from anthropogenic sources in the United States. The estimates demonstrate that the percentage of chromium emissions in the form of Cr+6 range from less than 0.1 to 100 percent depending on

the emissions source. Sources emitting Cr+6 include electroplaters, cooling towers using chromate bactericides, and hazardous wasters sites containing chromate laden slag. In the absence of data demonstrating a clear ratio between Cr+3 and Cr+6 concentrations in the atmosphere, the conservative approach of assuming that all chromium in the atmosphere was Cr+6 was used. This assumption may have lead to an overestimation of the risks associated with exposure to chromium in some locations.

Modifications to the unit risk for nickel based on assumed forms of nickel in the atmosphere represent an additional source of uncertainty. The unit risk used for nickel equaled the unit risk for nickel subsulfide published in IRIS (USEPA April 2000) divided by a factor of four to account for the presence of 75% of the nickel in non-carcinogenic forms. However, this modification, as detailed in the toxicity assessment, is believed to be conservative.

A National Center for Environmental Assessment (NCEA) provisional RfD was used to evaluate noncarcinogenic effects from exposure to several compounds. The provisional RfDs for these chemicals are based on allowable intakes rather than adverse effect levels. Therefore, there is some degree of uncertainty associated with the use of the RfD.

Other aspects of toxicity assessment uncertainty include:

- *Use of Animal Data as a Surrogate for Human Exposures* - A large amount of uncertainty exists due to the models used to extrapolate from animal data to humans, including the use of models to evaluate responses in the low dose portion of the curve. Depending on the chemical in question, such assumptions may tend to over- or underestimate the resulting risk.

- *Multiple Substance Exposure Uncertainties* - Uncertainties associated with summing risks or hazard quotients for several substances are of particular concern in the risk characterization step. The assumption of dose additivity ignores possible synergisms or antagonisms among chemicals, and assumes similarity in mechanisms of action and

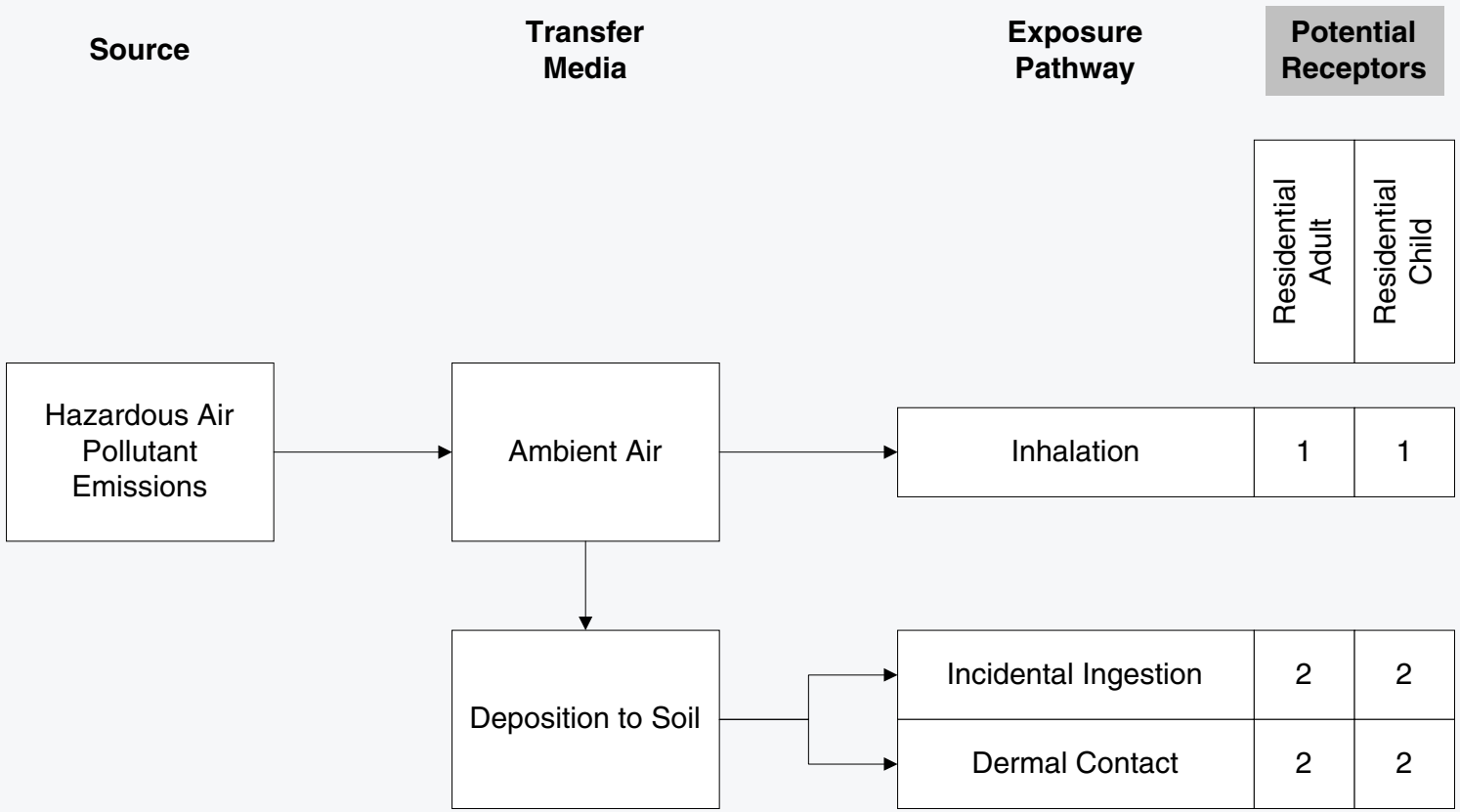
metabolism. Unfortunately, data to assess interactions quantitatively are generally lacking. In the absence of adequate information, USEPA guidelines indicate that carcinogenic and non-carcinogenic risks should be treated as additive. These assumptions are made to help prevent an underestimation of cancer risk or potential noncancer health effects. For the Kenova Industrial Cluster evaluation, the following statements regarding uncertainty in dose additivity may be made:

- ✓ The idea that all carcinogens should be added together may overestimate the risk since it is only surmised that all carcinogens behave according to the linearized multistage model of cancer, with extrapolation to zero appropriate in the low dose portion of the dose-response curve. In fact, a number of carcinogens may actually behave more like classical non-carcinogens and exhibit a threshold effect. Conversely, neither antagonistic effects (which would cause a further overestimation of risk) nor synergistic effects (which would cause the opposite) have been taken into account.

- ✓ Initially, all non-carcinogens were added together. It is known, however, that many non-carcinogens target specific organ systems. In some cases, it is appropriate to disaggregate the resulting hazard index based on a thorough knowledge of what is commonly referred to as the "target organ effect." Since this study only considered critical effects in the disaggregation of hazard indices, the non-carcinogenic hazards in this analysis may underestimate the true hazards experienced by residents in the Kenova Cluster. (Note that, similar to carcinogens, the role of unknown antagonistic and synergistic effects has also not been evaluated in this uncertainty analysis).

To assist in the evaluation of this uncertainty for noncarcinogens, HIs were segregated by target organ. The results of this evaluation are presented in Appendix D. In the majority of the study areas, where the cumulative HIs were found to exceed one, for both RME and CT scenarios, organ system-specific HIs were also found to exceed one for at least one organ system. Typically, HIs in excess of one were found for the respiratory system and the nervous system for

the majority of the stationary sampling locations, and several of the mobile lab sampling locations.



1 — Complete exposure pathway evaluated.
2 — Not evaluated in this risk assessment.

FIGURE 4-1

Human Health Conceptual Site Model

5.0 HUMAN HEALTH ACUTE EFFECTS ANALYSIS

The assessment presented in Section 4 evaluated the potential health risks resulting from long-term (chronic) exposure to airborne toxicants. The risk analyses used an estimate of the annual average concentrations to which residents are exposed to make these risk estimates since the annual average is more representative of long term exposures than the individual sampling events from which the average is derived.

However, the health effects that persons may experience due to short-term (acute) exposures to elevated levels of airborne contaminants can vary significantly from those experienced after long-term exposure to low doses, depending on the contaminant and its concentration. For example, a chemical that produces an increase in cancer rates after exposure to low concentrations for a long period of time (a chronic effect) might also cause immediate and severe eye irritation if present at high levels for a short period of time (an acute effect).

This portion of the risk assessment will evaluate the potential for adverse effects from acute exposures using the same monitoring results as used in the chronic evaluation. In this evaluation, however, samples will be evaluated on a sample-by-sample basis rather than in a combined fashion as was done for the chronic human health assessment. Performing the analysis in this way will help avert the potential to "average out" spikes in concentration as is done in the chronic exposure analysis.

5.1 INTRODUCTION

Hazardous substances are routinely released to the environment as the result of predictable (planned) continuous and intermittent releases from industrial facilities. However, facility and other non-facility releases (e.g., mobile source emissions from cars and trucks) may fluctuate considerably, with the result that daily and hourly maximum and minimum concentrations can vary widely. Due to these changing releases, surrounding populations may, at times, be exposed to relatively high concentrations of airborne toxicants even though the annual average of all these

fluctuating concentrations may be relatively low. Since the health effects resulting from short term exposure to high concentration spikes can be considerably different from the health effects seen for exposures to relatively lower doses over a long period of time, it is necessary to evaluate the potential for acute health effects separately from chronic health effects. For the purpose of this evaluation, an acute exposure was defined as an independent, intermittent exposure event occurring up to no more than 24-hours in duration.

It should be noted that emergency or accidental releases may also present acute health risks to surrounding populations. However, this type of exposure is likely to be rare and to occur at much higher concentrations than would be expected due to the day-to-day fluctuations of the Kenova Industrial Cluster sources. As such, emergency/accidental releases were not explicitly evaluated in this assessment.

5.1.1 Objective

This evaluation focuses on the potential for acute health effects to occur from short-term exposure to elevated levels of airborne contaminants within the Kenova Industrial Cluster airshed. Specifically, the data collected from the stationary sampler locations, the triggered sampler location, and the mobile sampler locations (see below and Section 3) were assessed for the potential to cause non-carcinogenic acute health effects for the locations and times sampled.

This evaluation does not consider carcinogenic effects resulting from acute exposures given the current problems with such evaluations. For most chemicals, there is insufficient data to reasonably support these estimations in view of the many uncertainties related to extrapolation from long-term to short-term exposures and other factors such as mechanism of action, metabolism, promotional activity, and threshold effects (USEPA 1993). Instead, the potential for chemicals detected in the Kenova Industrial Cluster airshed to result in cancer outcomes has been evaluated in the chronic exposure risk assessment (Section 4).

5.2 METHODOLOGY USED IN THE ACUTE EVALUATION

EPA has not developed a rigorous methodology for evaluating routine acute exposures to airborne contaminants by the general population. In the absence of such guidance, this assessment relies on the data collected in the Kenova Industrial Cluster monitoring program along with a reasonably conservative methodology that uses existing health criteria to evaluate the potential for acute adverse effects to occur in area residents. The data used in this evaluation and the methodology for evaluating these concentrations is described below.

5.2.1 General Approach

To determine the potential for adverse health effects to occur from short-term exposure to elevated levels of airborne contaminants, each sample result collected in this study was compared to an acute health-based screening value, if available. Because this is a screening-level evaluation of potential acute health effects, it was assumed that if a contaminant exceeded the screening criteria then there was a potential for adverse human health effects.

5.2.2 Data Used in this Analysis

As discussed in Section 3, samples of ambient air were collected from the Kenova Industrial Cluster study area during 1996 and 1997 in order to evaluate the potential for health effects to occur in area residents through inhalation of airborne toxicants. The bulk of the data collected were captured by samplers located at 6 stationary monitoring stations throughout the study area and another stationary sampler located in an area thought not to be affected by the industries potentially impacting the Kenova Industrial Cluster. These stationary samplers collected 24-hour composite samples approximately every two weeks.

Triggered samples were also collected at the Kenova Fire Station specifically for the purpose of evaluating high spikes in ambient air concentrations. The sampler was “triggered” to begin collecting a sample when the automatic sensor indicated that high VOC concentrations were

present. Similar to the stationary samplers, once the triggered device was activated, the sampler collected air for a total of 24 hours.

In addition to the stationary and triggered 24-hour samplers, samples were collected for VOCs at four locations in the study area by a mobile laboratory. The mobile lab generally collected data for a few days at each location. The samples obtained were collected over one-hour sampling periods. (For a complete discussion of sample times, locations, and analytes for all sampling locations, see Section 3).

5.2.3 Periodicity and Length of Exposure

USEPA views intermittent exposure as that lasting less than 24 hours and occurring no more frequently than monthly (USEPA 1994). This assumes that an acute exposure is at least 10 times higher than a monthly average and that individual exposures are independent of one another. USEPA has also pointed out that very few chemicals will have enough data to determine a safe periodicity of an acute exposure. As such, each sample collected during this investigation was evaluated as a single, independent exposure (although simultaneous exposure to multiple chemicals in any given sample was considered - see below). Samples collected at the stationary and triggered samples were evaluated with the assumption that a person would be exposed to the detected concentration for no more than 24 hours. Samples collected by the mobile lab were evaluated with the assumption that a person would be exposed to the detected concentration for no more than 1 hour.

5.2.4 Sources of Acute Health-Based Screening Values

With few exceptions, there is no simple or widely accepted method for estimating the risks of routine short-term exposures to elevated concentrations of most toxic chemicals found in ambient air samples. As such, there are no uniformly accepted short-term air action levels for the majority of emissions from facilities and other common emission sources such as area sources. Instead, concentrations of chemicals protective of acute exposures have been established using a

variety of differing methodologies. For example, occupational exposure limits are sometimes used to develop exposure values (acute and chronic) for protection of the general public. Such values are usually generated by dividing the occupational number by safety factors that can range from 4.2 to as great as 1,000 or more. The concept behind such safety factors is to account for differences between workers, for which the standards were developed, and residents, for which they were not (USEPA 1993).

Some of the more widely used candidates for acute effects analysis include (USEPA 1991; OEHHA 1999):

State Guidelines

1. California Environmental Protection Agency Acute Reference Exposure Levels (California RELS) for Airborne Toxicants

Occupational Guidelines

1. American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value-Time Weighted Average (TLV-TWA)
2. ACGIH Short-Term Exposure Limits (STELs)
3. Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs)
4. National Institute of Occupational Safety and Health (NIOSH) Immediately Dangerous to Life and Health (IDLH) Values
5. ACGIH Threshold Limit Values - - Ceiling (TLV-C)
6. NIOSH Recommended Exposure Limits (RELS)

Emergency Guidelines

1. National Academy of Science (NAS) Emergency Exposure Guidance Levels (EEGLs)
2. American Industrial Hygiene Association Emergency Response Planning Guidelines (ERPGs)

3. NAS Short-term Public Emergency Guidance Levels (SPEGLs)
4. USEPA Acute Emergency Guidance Levels (AEGLs)
5. National Research Council Community Emergency Exposure Levels (CEELs)

Other Guidelines

1. USEPA Air Pollution Warning Levels
2. USEPA Levels of Concern
3. ATSDR Minimal Risk Levels (MRLs) for acute exposure

Tables 5-1.1 and 5-1.2 provide a complete listing of the sources of airborne screening values that were considered for use in this evaluation. Included in each table is a brief description of the intended use of each of these criteria and a summary of acceptance or rejection of the values for use in evaluating the Kenova Industrial Cluster monitoring data.

5.2.5 Discussion of Acute Health-Based Screening Values

Unlike the screening values developed to evaluate chronic exposures, only a limited number of benchmarks for acute inhalation exposures have been developed at this time for non-emergency acute exposures. The following sections contain brief descriptions of the acute screening values which were utilized in the acute exposure evaluation.

5.2.5.1 California Reference Exposure Levels (RELS)

The California Environmental Protection Agency's (Cal EPA) Office of Environmental Health Hazard Assessment (OEHHA) has developed acute Reference Exposure Levels (RELS) for evaluating exposure to a limited number of airborne toxicants. OEHHA defines the acute REL as "an exposure that is not likely to cause adverse effects in a human population, including sensitive subgroups, exposed to that concentration for one hour on an intermittent basis" (OEHHA 1998). RELS are based upon the most sensitive, relevant, adverse health effect reported in the medical and toxicological literature. RELS are designed to protect the most

sensitive individuals in the population by the inclusion of margins of safety. Since margins of safety are incorporated to address data gaps and uncertainties, exceeding the REL does not automatically indicate an adverse health impact.

RELS were developed by first prioritizing chemicals to be evaluated. A literature search was then conducted of the selected contaminants. As part of the literature review, existing standards were identified and evaluated. If the existing standard was determined to be acceptable, it was adopted as the REL. However, most of the available standards were determined to be unacceptable, and the RELS were developed *de novo* from the medical and toxicological literature.

RELS were developed from the primary literature by selecting the best studies, with emphasis on those using human data. These studies were used to estimate a threshold level for no affect (a no observed adverse effect level or NOAEL). A NOAEL can be defined as "an exposure level with no biologically and/or statistically significant increase in the frequency or severity of adverse effects among an exposed population relative to a control group" (OEHHA 1998). Adjustments were made to the NOAELs to allow for comparison to one-hour exposures. Uncertainties in the data were then accounted for by applying safety factors to ensure that the REL values were sufficiently conservative. For example, if the NOAEL is based upon a study involving animals, an uncertainty factor of 10 may be applied to account for the uncertainty of extrapolating toxicity data from the test species to humans. Similarly, an "interspecies" safety factor is typically used to account for the variability in sensitivity to a toxicant within the general human population. The acute exposure NOAEL is divided by these uncertainty factors to arrive at a derived acute screening value.

The RELS developed by the OEHHA are based upon one-hour exposure durations. This exposure duration was selected in order to be comparable to the sampling and modeling requirements of California regulations.

The available RELS have been developed specifically to evaluate the potential for human health

effects from acute exposure of the general population, including sensitive individuals, to routine industrial air emissions. Therefore, the RELS developed by OEHHA were determined to be acceptable for use in this evaluation.

5.2.5.2 Agency for Toxic Substances and Disease Registry Acute Minimum Risk Levels (MRLs)

The Agency for Toxic Substances and Disease Registry (ATSDR) has established airborne contaminant screening concentrations for acute exposure that are similar to the EPA's Reference Concentrations (RfCs) for chronic exposure. The values are derived by extensive review and evaluation of chemical-specific toxicological studies. Similar to CAL REALS, safety (or uncertainty) factors are applied to airborne contaminant concentrations from acute toxicology studies in which a NOAEL has been established. Safety factors are applied to the NOAEL to minimize or correct for uncertainties in the development of the NOAEL value.

The screening concentrations derived by the ATSDR in this manner are called "Minimum Risk Levels" or MRLs, which are published in ATSDR's chemical-specific Toxicological Profiles (ATSDR, 1997). MRLs are derived for acute (1-14 days), intermediate (15-364 days), and chronic (365 days and longer). Only acute MRLs were selected for this screening level evaluation.

5.2.5.3 Environmental Protection Agency Acute Exposure Guideline Levels (AEGLs)

The National Advisory Committee for Acute Exposure Guideline Levels for Hazardous Substances is developing AEGLs for short-term hazardous chemical exposure information (Federal Register, 1997). These levels have been established for one time only exposures during emergency situations. Three levels of AEGLs have been developed. They are routinely used in evaluations involving the general public.

AEGL values are defined as follows:

AEGL-1 This is the airborne concentration (expressed as ppm or mg/m^3) of a substance at or above which it is predicted that the general population including "susceptible", but excluding "hyper susceptible" individuals, could experience notable discomfort. Airborne concentrations below AEGL-1 represent exposure levels that could produce mild odor, taste, or other sensory irritations.

AEGL-2 AEGL-2 is the airborne concentration (expressed as ppm or mg/m^3) of a substance at or above which it is predicted that the general population, including "susceptible", but excluding "hyper susceptible" individuals, could experience irreversible or other serious, long-lasting effects or impaired ability to escape. Airborne concentrations below the AEGL-2, but at or above AEGL-1, represent exposure levels that may cause notable discomfort.

AEGL-3 AEGL-3 is the airborne concentration (expressed as ppm or mg/m^3) of a substance at or above which it is predicted that the general population, including "susceptible", but excluding "hyper susceptible" individuals, could experience life-threatening effects or death. Airborne concentrations below AEGL-3, but at or above AEGL-2, represent exposure levels that may cause irreversible or other serious, long lasting effects or impair a person's ability to escape.

AEGL's have been established for four different exposure periods of 30 minutes, 1 hour, 4 hours and 8 hours for some chemicals. Where applicable, AEGL-1, AEGL-2 and AEGL-3 have been developed for contaminants.

5.2.5.4 American Industrial Hygiene Association Emergency Response Planning Guidelines (ERPGs)

ERPGs are developed by the American Industrial Hygiene Association's Emergency Response Planning Committee (AIHA, 1999). Similar to the AEGLs, ERPGs are useful as guidelines for

emergency planning involving release of chemical materials.

ERPG-1 The maximum concentration in air below which it is believed nearly all individuals could be exposed for up to one hour without experiencing other than mild transient adverse health effects or perceiving a clearly defined objectionable odor;

ERPG-2 The maximum concentration in air below which it is believed that nearly all individuals could be exposed for up to one hour without experiencing or developing irreversible or other serious health effects or symptoms that could impair their abilities to take protective action;

ERPG-3 The maximum concentration in air below which it is believed nearly all individuals could be exposed for up to one hour without experiencing or developing life-threatening health effects.

5.2.5.5 Department of Energy Temporary Emergency Exposure Limits (TEELs)

TEELs are recently developed values based on statistical extrapolations from the literature on the toxicity of each chemical (http://www.scapa.bnl.gov). TEELs are interim values developed for use in the absence of ERPGs and are considered to be stop gap values to be used in emergency exposure situations.

DOE Temporary Emergency Exposure Limits (TEELs) are defined as follows:

TEEL-0 The threshold concentration below which most people will experience no appreciable risk of health effects;

TEEL-1 The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing other than mild transient adverse health effects or perceiving a clearly defined objectionable odor.

TEEL-2 The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing irreversible or other serious health effects or symptoms that could impair their abilities to take

protective action;

TEEL-3 The maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing life-threatening health effects.

TEELs have been established utilizing existing toxicity data published for ERPGs, AEGLs and any other published toxicity data. Published data pertaining to TEELs recommends that TEELs be compared to peak 15-minute time weighted average concentrations.

5.2.5.6 National Research Council - Community Emergency Exposure Levels (CEELs) and Short-Term Public Exposure Guidance Levels (SPEGLs)

CEEL guidelines have been developed by the National Research Council Committee on Toxicology. The frame work has been established for developing these emergency response standards, but to date, no CEELs have been established (National Research Council, 1993).

The SPEGLs were also developed by the National Research Council Committee on Toxicology as public exposure guidelines for civilian populations near military bases. Only five SPEGLs have been developed to date, with hydrogen chloride having the only SPEGL established which applies to the Tri-State monitoring data (National Research Council, 1986).

5.2.6 Time Adjustment of Acute Screening Values

The data collected during the air sampling of the Kenova Cluster consist of both 1 hour and 24 hour samples and the detected chemicals in any given sample may not necessarily match the exposure time of the acute benchmark. For example, a chemical may have been detected in a one hour sample; however the selected benchmark is based on a 24 hour exposure. In such cases it was necessary to adjust the screening values to match the sampling duration.

Haber's Law provides a method for extrapolating a contaminant concentration for a given time period to an equivalent concentration over a different time period. As described by Rinehart and Hatch (1964), Haber's Law states that the product of the concentration (C) and time of exposure (T) required to produce a specific physiologic effect is equal to a constant level or severity of response (K), or:

$$(C)(T) = K$$

When the duration of the experimental exposure concentration is different from the desired exposure duration, a modification of Haber's Law may be used to obtain an acute exposure level that is of a different duration from the experimental conditions (OEHHA, 1999):

$$(C^n)(T) = K$$

Where n describes the relationship between concentration and exposure duration in determining toxicity.

For example, in cases where n is equal to one, the toxicity of the chemical is equally dependent on concentration and exposure duration. However, when the value of n is less than one, the duration is a greater factor in determining toxicity than the concentration. Values of n that are greater than one indicate that the concentration is a greater determinant of toxicity than exposure duration. When available, chemical-specific values for n were used. Otherwise, default n values

developed by OEHHA were used.

OEHHA default values were derived by examining a range of chemicals for which specific n values were available. It was concluded that when extrapolating from a shorter exposure duration to a longer duration, a default value of one should be selected for n (OEHHA, 1999).

According to OEHHA, when extrapolating from a longer exposure duration to a shorter exposure duration, two should be used as the default value for n in the Haber's Law equation.
Based on the selected hierarchy of acute screening values (see §5.2.7), there were acute screening values of higher priority in the hierarchy (i.e., TEELs) that did not require an adjustment from longer to shorter exposure duration. Therefore, it was not necessary to make this type of time adjustment in this acute evaluation.

Tables E1 and E2 present the adjusted screening values that were used in this evaluation. For comparison, both the adjusted and unadjusted screening values have been included in the screening tables used to evaluate the sample data for each location.

5.2.7 24 Hour Screening Value Hierarchy

For comparison to 24 hour values, the following hierarchy was used. This hierarchy (and the hierarchy presented below for 1 hour acute screening values) is based on discussions with an expert in acute toxicology at EPA's National Center for Environmental Assessment. A flowchart of the hierarchy described below is presented in Figure 5-1.

1. ATSDR Acute MRLs
2. CAL RELS adjusted to 24 hours using Haber's Law for all chemicals regardless of evaluation endpoints
3. EPA AEGLs (using AEGL-1 which is the LOAEL) adjusted to 24 hours using Haber's Law
4. AIHA ERPG's-1 and SPEGLs adjusted to 24 hours using Haber's Law

This hierarchy should be read as follows: For evaluation of 24 hours samples, first attempt to use ATSDR Acute MRLs. If no MRL is available, then use CAL REALS adjusted to 24 hour values using Haber's Law. If there is no MRL or CAL REL for a chemical, then use the 8 hour AEGL-1 adjusted to 24 hours using Haber's Law. Finally, if no AEGL is available, use ERPG-1, or SPEGLs adjusted to 24 hours using Haber's Law.

DOE Temporary Emergency Exposure Limits (TEELs) were not used to compare to 24 hour samples. TEELs are interim values developed for use in the absence of ERPGs and are considered to be stop gap values to be used in emergency exposure situations. In addition, TEELs are recommended only for a 15 minute averaging time. Therefore, they were considered to be inappropriate for comparison to 24 hour data.

ATSDR Acute MRLs were considered to be the screening value of choice. ATSDR derives benchmark values for airborne chemicals that are protective of exposures lasting from 24 hour to 2 weeks. Since this averaging time matches the averaging time of the samples collected in the monitoring study, they were used preferentially for screening samples for acute effects.

The acute CAL RELs are derived benchmarks designed to be protective of residential scenarios from routine emissions from industrial facilities. However, they are generally based on a 1-hour averaging time and must be converted to a 24-hour averaging time to be comparable to the samples evaluated in this acute evaluation. As such, they were given a second priority.

EPA AEGLs are emergency planning guidelines and were given a higher priority than other emergency related values because they are more recent values. AEGLs for some chemicals are available for time periods longer than one hour. Where an AEGL was available for a longer time period, this value was used as the basis for calculating screening values to be compared with 24 hour values.

Based on these definitions AEGL-1 or ERPG-1 may be considered to represent a Lowest Observed Adverse Effect Level or LOAEL. To maintain consistency among the various

potential screening values and as a conservative approach, LOAEL equivalent values were used for all comparisons.

Note that no CEELS have yet been developed for chemicals of interest in this study. CEELS provide the framework for developing public emergency response guidelines, but actual standards are not yet available. Only five SPEGLS have been developed; however, among these five, only hydrogen chloride was detected in the Tri-State study. According to this hierarchy, the screening value promulgated by CAL EPA for hydrogen chloride would take precedence over the SPEGL for HCl.

5.2.8 1-hour Screening Value Hierarchy

For comparison to 1 hour values, the following hierarchy was used. A flowchart of the hierarchy is presented in Figure 5-2.

1. CAL RELS
2. EPA AEGLs-1 (one hour values)
3. AIHA ERPGs-1 and SPEGLs (one hour values)
4. DOE TEELs-1 (adjusted to one hour values by Haber's Law)
5. ATSDR MRLs (adjusted to one hour values by Haber's Law)

CAL RELS are one hour values and were used with no modification. Where results for RELS were based on developmental or reproductive endpoints, these RELS were applied directly with no adjustment for time period of exposure. Typically, studies with these endpoints used a 4 to 8 hour exposure period. However, uncertainty exists in the actual time period needed to accumulated a dose resulting in a developmental or reproductive effect. Therefore, as a conservative measure these RELS were not adjusted.

Three levels of AEGLs and ERPGs are available. AEGL-1 and ERPG-1 were used in this evaluation. In addition, AEGLs are available for different exposure periods. For evaluation of one hour results, all comparisons were performed using AEGLs developed on a one hour

exposure basis.

As discussed for the acute evaluation of 24 hour samples, SPEGLs were considered in this hierarchy but it was not necessary to use these values in this evaluation since values with higher priority were available for use in the acute evaluation.

As discussed in Section 5.2.5, DOE TEELS are published and are available for reference in this acute air monitoring study. Based on the definitions found in Section 5.2.5 and the intended use for TEELs, these values appeared to be suitable for use in the 1-hour evaluation, TEEL-1 values best matching the goals of this analysis. These values are developed based on a 15 minute exposure period. TEELs were adjusted to one hour values using Haber's Law.

ATSDR MRLs are considered in this hierarchy. Because of the large number of TEELs available no MRLs needed to be used in this evaluation.

5.3 SUMMARY OF SCREENING RESULTS

The detections for each sampling event were compared to their respective health-based screening levels for one-hour exposures or 24-hour exposures. A complete list of the 24-hour and one-hour acute screening values can be found in Appendix E, Tables E-1 and E-2. When the maximum detected concentrations of a contaminant exceeded the selected acute exposure screening value, a ratio of the detected concentration to its screening value was calculated. This information is intended to quantify the magnitude of the exceedance. It should not be assumed that the magnitude of the potential acute effect, if any, from exposure to a chemical which exceeds its acute screening criterion is directly correlated with the screening value exceedance ratio. The equation for the calculated "acute hazard ratio" is presented below:

$$HRacute = \frac{[chemical]}{[benchmark]_{acute}}$$

5.3.1 Stationary Sampler Locations

Data from the fixed sample locations were screened against the 24-hour screening values. As in the chronic assessment, the sampling stations are named according to their general geographic location as follows:

- Centennial Drive
- Corn Field
- Kenova Fire Station
- Kenova Water Works
- Lockwood Estates
- Sweet Run
- Webbville

The results are summarized by sample location in Sections 5.3.1.1 through 5.3.1.7.

5.3.1.1 Centennial Drive

Composite 24 hour samples were collected at the Centennial Drive Monitoring Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds (SUMMA), semi-volatile organic compounds (PUF), acidic and basic gases (annular denuder), and metals (high-volume sampling). The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E- 3 through E-6 in Appendix E contain the screening tables used to evaluate the collected data for the Centennial Drive Monitoring Station. From the comparison of the sample data to the screening values, it was determined that two detected contaminants exceeded the selected acute screening value: sulfur dioxide and sulfate. Table 5-2 summarizes the number of detections that exceeded the screening criteria for each contaminant.

5.3.1.2 Corn Field

Composite 24 hour samples were collected at the Corn Field Sampling Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E-7 through E-10 in Appendix E contain the screening tables used to evaluate the collected data for the Corn Field Sampling Station. From the comparison of the sample data to the screening values, it was determined that two contaminants exceeded the selected acute screening value: sulfur dioxide and sulfate. Table 5-3 summarizes the number of detections that exceeded the screening criteria.

5.3.1.3 Kenova Fire Station

Composite 24 hour samples were collected at the Kenova Fire Station Sampling Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E-11 through E-14 in Appendix E contain the screening tables used to evaluate the collected data for the Kenova Fire Station Sampling Station. From the comparison of the sample data to the screening values, it was determined that one of the detected contaminants, sulfate, exceeded the selected acute screening value. Table 5-4 summarizes the number of detections that exceeded the screening criteria.

5.3.1.4 Kenova Water Works

Composite 24 hour samples were collected at the Kenova Water Works Sampling Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section

5.2.6. Tables E-15 through E-18 in Appendix E contain the screening tables used to evaluate the collected data for the Kenova Water Works Sampling Station. From the comparison of the sample data to the screening values, it was determined that sulfate exceeded the selected acute screening value. Table 5-5 summarizes the number of detections that exceeded the screening criteria.

5.3.1.5 Lockwood Estates

Composite 24 hour samples were collected at the Lockwood Estates Sampling Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E-19 through E-22 in Appendix E contain the screening tables used to evaluate the collected data for the Lockwood Estates Sampling Station. From the comparison of the sample data to the screening values, it was determined that sulfate exceeded the selected screening value. Table 5-6 summarizes the number of detections that exceeded the screening criteria.

5.3.1.6 Sweet Run

Composite 24 hour samples were collected at the Sweet Run Monitoring Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E-23 through E-26 in Appendix E contain the screening tables used to evaluate the collected data for the Sweet Run Monitoring Station. From the comparison of the sample data to the screening values, it was determined that sulfate exceeded the selected acute screening value. Table 5-7 summarizes the number of detections that exceeded the screening criteria.

5.3.1.7 Webbville

Composite 24 hour samples were collected at the Webbville Sampling Station approximately every 12 days by a variety of sampling methods. Sample analyses included volatile organic compounds, semi-volatile organic compounds, acidic and basic gases, and metals. The analytical sampling data were compared to screening values as described in Section 5.2.6. Tables E-27 through E-30 in Appendix E contain the screening tables used to evaluate the collected data for the Webbville Sampling Station. From the comparison of the sample data to the screening values, it was determined that only one contaminant, sulfate, exceeded the selected acute screening value. Table 5-8 summarizes the number of detections that exceeded the screening criteria.

5.3.2 Triggered Data

Triggered samples were collected specifically for the evaluation of acute health effects to short-term, potentially high concentration exposures. The samples were not collected on a routine (i.e., every 12 days) basis. Rather, the monitor began collecting a sample when a high concentration of volatile organic compounds was detected. Once triggered, the sample collected a composite sample for 24 hours. Triggered data were collected at only one location, the Kenova Fire Station. The samples were only evaluated for volatile organic compounds. The results of comparing the analytical data to screening values are presented in Section 5.3.2.1.
Triggered samples were collected at the Kenova Fire Station Sampling Station between November 13, 1996 and May 21, 1997. The analytical sampling data were compared to screening values as described in Section 5.2.6. Table E-31 in Appendix E contains the screening table used to evaluate the triggered samples for the Kenova Fire Station Sampling Station. From the comparison of the sample data to the screening values, it was determined that none of the detected contaminants exceeded the selected acute screening value.

5.3.3 Mobile Data

Samples were collected at various locations through the use of a mobile laboratory. Mobile lab data were collected at four locations: Corn Field, Kenova Fire Station, Kenova Water Works, and

the Southpoint Ethanol Site. Samples were collected only for volatile organic compounds. The sampling time was one hour. The air monitoring data were screened against evaluation criteria, and the results are summarized by location.

5.3.3.1 Corn Field, Mobile Data

Mobile laboratory samples were collected at the Corn Field location between April and June, 1997. Specific dates for this sampling effort are found in Table 3-1. The analytical sampling data were compared to screening values as described in Section 5.2.7. Table E-32 in Appendix E contains the screening table used to evaluate the Corn Field mobile data. From the comparison of the sample data to the screening values, it was determined that none of the detected contaminants exceeded the selected acute screening values.

5.3.3.2 Kenova Fire Station, Mobile Data

Mobile laboratory samples were collected at the Kenova Fire Station from October 16, 1996 to November 7, 1996 and again from April 2, 1997 to April 24, 1997. Samples were collected solely for volatile organic compounds. The analytical sampling data were compared to screening values as described in Section 5.2.7. Table E-33 in Appendix E contains the screening table used to evaluate the Kenova Fire Station mobile data. From the comparison of the sample data to the screening values, it was determined that none of the detected contaminants exceeded the selected acute screening values.

5.3.3.3 Kenova Water Works, Mobile Data

Mobile s laboratory amples were collected at the Kenova Water Works between March 10 and April 7, 1997. Samples were collected solely for volatile organic compounds. The analytical sampling data were compared to screening values as described in Section 5.2.7. Table E-34 in Appendix E contains the screening table used to evaluate the Kenova Water Works mobile data. None of the detected contaminants exceeded the selected acute screening values.

5.3.3.4 Southpoint Ethanol Site, Mobile Data

Mobile laboratory samples were collected at the Southpoint Ethanol Site between May and July, 1997. Samples were collected solely for volatile organic compounds. The analytical sampling data were compared to screening values as described in Section 5.2.7. Table E-35 in Appendix E contains the screening table used to evaluate the Southpoint Ethanol Site mobile data. None of the detected contaminants exceeded the selected acute screening values.

5.4 DISCUSSION OF ACUTE EVALUATION

Table 5-9 summarizes the contaminants that exceeded screening criteria at the fixed sampling locations, including triggered samples. Of the detected constituents, two were determined to exceed the selected screening levels. The contaminants that exceed the selected acute screening value are sulfate and sulfur dioxide. None of the contaminants detected in the mobile samples or triggered samples exceeded the selected acute screening values.

Only two sulfur dioxide data points at Centennial Drive and a single data point at Corn Field exceeded the selected acute screening values. As a result, sulfur dioxide may not be a significant human health concern at these locations. However, further evaluation of sulfur dioxide at these locations may be warranted. Due to the limited exceedances of the sulfur dioxide screening limits, temporal patterns of exceedance could not be determined.

Sulfate was determined to exceed screening limits at each of the fixed monitoring stations. Therefore, exposure to sulfates may be a human health concern at the sampled locations (see Uncertainties, Section 5.5). There appears to be some temporal pattern of sulfate exceedances of screening levels given that the majority of the screening level exceedances occurred during late summer and fall months. At this time, there is insufficient information available to link these temporal patterns of excess contaminant concentrations to specific sources or events. It also may not be possible to use this data to predict future exceedances of acute screening levels.

Table 5-10 provides a ratio of the maximum detected concentrations to the selected acute screening levels. The ratios were calculated by dividing the selected acute screening value by the maximum detected concentration of the contaminant. Ratios were only calculated for constituents for which the maximum detected concentration exceeded the selected acute screening for each sampling station. This information is intended to provide a measure of the relative magnitude of the accedences. The calculated ratios ranged from 1.1 to 3.5. This indicates that the maximum concentration detected for each chemical which exceeded its acute screening criterion only slightly exceeded its screening criterion.

5.5 UNCERTAINTIES

There are a number of uncertainties associated with the methods used in the acute evaluation. These are discussed briefly below:

There are a number of contaminants that were detected for which there were no appropriate screening values identified. For comparison to one hour concentrations, 15 out of 87 monitored chemicals lacked acute screening values. For comparison to 24 hour concentrations, 57 out of 87 chemicals lacked acute screening values. Therefore, the potential human health effects of these contaminants could not be evaluated. This limitation in the screening methodology may have had the effect of underestimating the potential acute human health effects of the detected contaminants.

In acute toxicology experiments, the study design usually involves exposures of short duration to an otherwise unexposed animal. However, real world acute exposures typically occur intermittently, rather than as rare events in a lifetime. Thus, the typical ambient exposure scenario is not reflected in the standard acute toxicology experimental design. Based upon this limitation of experimental design, the possibility of cumulative effects from intermittent ambient exposures is not typically addressed in the development of the acute screening values. Therefore, the screening methodology used in this evaluation may underestimate the potential for human health risks.

Haber's Law was used to adjust screening values from short periods of exposure to longer periods of exposure. Uncertainties exist in this procedure from several factors. The exponential "n" value has been empirically determined for relatively few chemicals. Therefore, assumptions are made regarding what value of "n" to use based on a chemical's structure. The use of Haber's Law also assumes that the log function applied is valid for the chemicals in question. Although Haber's Law has been used extensively in the toxicological literature, uncertainties regarding its applicability are still present. Actual screening values may be either greater or less than those calculated using Haber's Law.

In addition to uncertainties resulting from the use of Haber's Law to adjust for the exposure period of the screening values used, there is uncertainty introduced by selecting screening values based on previously derived lists of acute effects rather than from primary literature studies. The methodology for evaluating acute effects is still under development. This results in uncertainty in the results obtained from this screening-level evaluation although it is believed that actual risks would not be greater than those estimated in this study.

The assumption that exposures of interest are independent of other exposures has several uncertainties. First, the possible additive, synergistic, or antagonistic effects of multiple exposures are not evaluated. This may underestimate or overestimate the potential impacts from simultaneous exposure to multiple chemicals depending on the contaminants.

The screening levels used in the acute exposure evaluation were taken from a variety of sources as described in Section 5.2.5. With the exception of CAL RELS, the screening levels were not derived for the explicit purposes of evaluating acute residential exposures from routine industrial emissions. For example, many of the screening values were derived for assessing releases in emergencies. Therefore, the screening values used may not be directly applicable to the potential acute exposure scenarios presumed in this acute human health exposure analysis. As a result, the use of diverse screening values from multiple sources may underestimate or overestimate the potential for human health risks.

It was determined that several contaminants exceeded screening values. However, using the current method for quantifying screening-level exceedances, it is not possible to accurately interpret the magnitude of the potential risks for acute exposures. The calculation of acute risk ratios greater than one demonstrates that the potential for acute effects exists. However, the severity of the impact cannot be determined by this method.

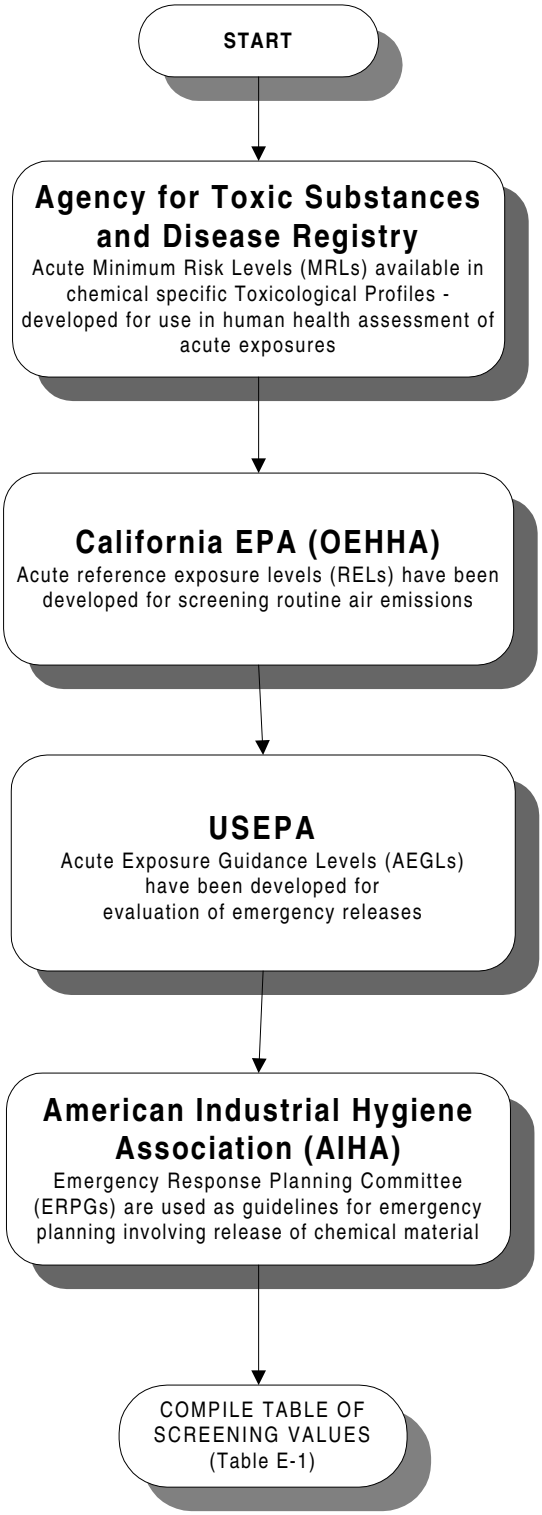


Figure 5-1

Process for Identifying Acute 24-Hour Toxicological Screening Values

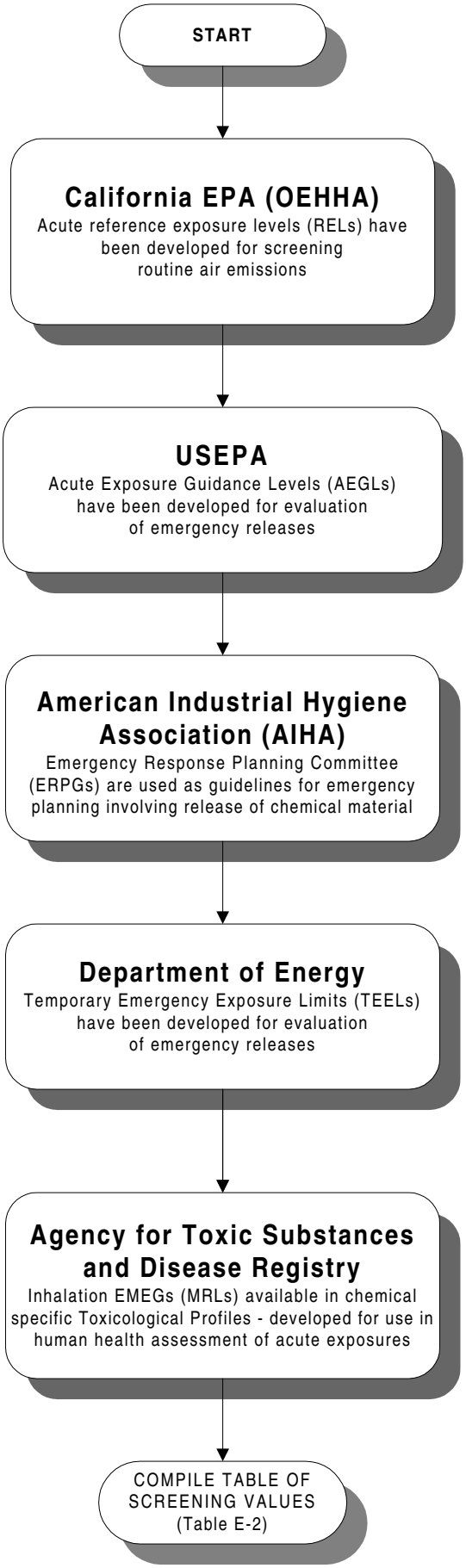


Figure 5-2

Process for Identifying Acute 1-Hour Toxicological Screening Values

6.0 CONCLUSIONS

This report presents the results of the human health risk assessment and acute effects evaluation performed using the air monitoring data developed for the Kenova Industrial Cluster during the 1996 and 1997 sample collection period. The air monitoring risk assessment focuses only on direct exposure to airborne contaminants through the inhalation pathway.

Air sampling efforts during 1996 and 1997 included a year-long air monitoring program utilizing stationary air samplers, and including a triggered sampler at one location. Samples from the stationary air samplers were analyzed for volatile organic compounds, semivolatile organic compounds, acidic and basic gases, and metals. In addition, five rounds of sampling were performed by the State of Kentucky mobile laboratory at four locations. These samples were analyzed for volatile organic compounds.

Air sampling results were used in two human health evaluations. Results were integrated into a quantitative human health risk assessment which focused on potential long-term, or chronic, impacts to human health from exposure to airborne contaminants. Air sampling results were also evaluated for potential acute impacts to human health through a screening-level comparison using established or estimated acute screening standards.

Results from the human health risk assessment and acute evaluation were compared to the target risk levels defined in the Tri-State Geographic Initiative *Risk Management Plan* (TGI 1997d). As defined in the TGI *Risk Management Plan*, further action will be proposed if any of the following is true:

- Chronic noncarcinogenic risks are found for any individual pollutant in excess of a hazard quotient of 1.
- Chronic carcinogenic risks are found for any individual pollutant in excess of a risk level of 1E-06 (or 1 in 1,000,000)
- Any chemicals are found to exceed their literature-derived acute screening value

In the chronic human health risk assessment, hazard quotients for individual chemicals in excess of the threshold of one were obtained for all stationary sampling locations, and for one location sampled by the mobile lab.

For all locations, calculated chronic carcinogenic risks for at least one chemical were found to exceed the established carcinogenic target risk level of 1E-06. This risk level was exceeded at the majority of sample locations by benzene, chromium, and chloromethane, and at several locations by arsenic, cadmium, dichloromethane, beryllium, and carbon tetrachloride.

In addition to determining risks or hazards to individual chemicals, this risk assessment also calculated the cumulative hazards and risks for each sampling location. This was performed as a conservative measure to ensure that risks were fully evaluated, and to provide additional information to be used in the risk management process.

Short-term (acute) effects of exposure to airborne contaminants can vary significantly from chronic effects, depending upon the contaminant and its concentration. Therefore, the potential for acute health effects from exposure to airborne toxicant releases in the sampling areas was evaluated in this risk assessment. Each data point collected during this investigation was evaluated as a single acute exposure point to determine the potential for adverse acute health effects.

To evaluate potential impacts from acute exposure to airborne contaminants, sample data collected from stationary monitoring stations, including the one triggered sampler located at the Kenova Fire Station, and from the Kentucky mobile laboratory, were evaluated based upon comparisons to the selected chemical-specific screening criteria. Of all of the detected constituents from the stationary and triggered sample locations, only one was determined to exceed the selected screening levels: sulfate. Of the detected constituents constituents from the mobile laboratory data, no compounds were determined to exceed the selected screening levels. The qualitative assessment of acute risks indicated that sulfate and sulfur dioxide may present a

human health concern in the areas where concentrations routinely exceed screening criteria.

7.0 REFERENCES

American Conference of Governmental Industrial Hygienists (ACGIH). 1995. 1995-1996 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices . ACGIH, Cincinnati, OH.

Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. 1997. Toxicological Profiles on CD-Rom. CRC Lewis.

AIHC. 1994. *Exposure Factors Sourcebook.* American Industrial Health Council.
California Air Pollution Control Officers Association (CAPCOA). 1996. *Air Toxics Hot Spots Program*. Revised Risk Assessment Guidelines. Toxics Committee. December 1996.

American Conference of Governmental Industrial Hygienists (ACGIH). 1998. *1998 TLVs and BEIs: Threshold Limits Values for Chemical Substances and Physical Agents.* ACGIH: Cincinnati.

American Industrial Hygiene Association (AIHA). 1999. Emergency Response Planning Guidelines (ERPGs) and Workplace Environmental Exposure Level (WEELs) Handbook. AIHA Publications, Akron, OH.

Board on Toxicology and Environmental Health Hazards, National Research Council. 1986. Criteria and Methods for Preparing Emergency Exposure Guidance Level (EEGL), Short-Term Public Emergency Guidance Level (SPEGL), and Continuous Exposure Guidance Level (CEGL) Documents. National Academy Press, Washington, D.C.

Caldwell, JC, et al. 1998. *Application of Health Information to Hazardous Air Pollutants Modeled in EPA's Cumulative Exposure Project*, Toxicology and Industrial Health, Vol. 14, No. 3, pp.429-454.

California Air Pollution Control Officers Association (CAPCOA). (1993). *CAPCOA Air Toxics "Hot Spots" Program, Revised 1992 Risk Assessment Guidelines*. Toxics Committee of the CAPCOA: Sacramento.

California EPA, Office of Environmental Health Hazard Assessment (OEHHA). 1998. *Technical Support Document for the Determination of Acute Reference Exposure Levels for Airborne Toxicants,* October.

Committee on Toxicology, National Research Council. 1993. Guidelines for Developing Community Emergency Exposure Levels (CEELs) for Hazardous Substances. National Academy Press, Washington, D.C.

Craig DK, JS Davis, R DeVore, DJ Hansen, AJ Petrocchi, TJ Powell and TE Tuccinardi."Derivation of Temporary Emergency Exposure Levels (TEELs)." 2000. Journal of

Applied Toxicology 20:11-20.

Department of Energy (DOE). Subcommittee on Consequence Assessment and Protective Actions (SCAPA). Online. Available: http://www.scapa.bnl.gov. April 2000.

Enterline, PE and GM Marsh. 1982. *Mortality among workers in a nickel refinery and alloy manufacturing plant in West Virginia.* J. Natl. Cancer Inst. 68:925-933.

Gilbert, Richard O. 1987. *Statistical Methods for Environmental Pollution Monitoring*. Van Nostrand Reinhold, New York.

National Library of Medicine. Hazardous Substances Database (HSDB). 2000.

National Institute for Occupational Health and Safety (NIOSH), U. S. Department of Health and Human Services (DHHS). 1994. NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C.

National Institute of Occupational Safety and Health (NIOSH). 1998. Registry of Toxic Effects Chemical Substances (RTECs database). 1998.

Office of Environmental Health Hazard Assessment. California Environmental Protection Agency. 1999. Air Toxics Hot Spots Program Risk Assessment Guidelines, Part 1, The Determination of Acute Reference Exposure Levels for Airborne Toxicants.

Smith, R.L, C.L French, D.L. Murphy, R. Thompson, 2000. *Ranking and Selection of Hazardous Air Pollutants For Listing Under Section 112 (K) of the Clean Air Act Amendments of 1990, Technical Support Document*. EPA Office of Air Quality Planning and Standards, February 4, 2000.

State of Kentucky, Division of Air Quality 1995. *Air Quality Monitoring and Quality Assurance Manual.*

Tristate Geographic Initiative (TGI). 1997a. *Air Toxics Monitoring Project Plan*. July 18, 1997. Prepared by: Kentucky Dept. For Environmental Protection, U.S. EPA Regions 3, 4, and 5, Ohio Environmental Protection Agency, and West Virginia Department of Environmental Protection.

Tristate Geographic Initiative (TGI). 1997b. *Air Dispersion Modeling Work Plan*. July 23, 1997. Prepared by: U.S. EPA Regions 3, 4, and 5, Kentucky Dept. For Environmental Protection, Ohio Environmental Protection Agency, and West Virginia Department of Environmental Protection.

Tristate Geographic Initiative (TGI). 1997c. *Air Risk Assessment Work Plan*. July 8, 1997. Prepared by: U.S. EPA Regions 3, 4, and 5, Ohio Environmental Protection Agency, and Kentucky Dept. For Environmental Protection.

Tristate Geographic Initiative (TGI). 1997d. *Risk Management Plan*. July 9, 1997. Prepared by: U.S. EPA Regions 3, 4, and 5, Ohio Environmental Protection Agency, and Kentucky Dept. For Environmental Protection.

U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry (ATSDR). (1992). *Public Health Assessment Guidance Manual*. ATSDR: Atlanta.

U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (NIOSH). (1997). *NIOSH Pocket Guide to Chemical Hazards*. DHHS (NIOSH) Publication No. 97-140.

U.S. Environmental Protection Agency, Region 1. 1992. *Risk Updates*. Attachment 2. Waste Management Division, December 1992.

U. S. Environmental Protection Agency, Region 3. 2000. *Tri-State Geographic Initiative Kenova Industrial Cluster air Modeling Risk Assessment Report*.

U. S. Environmental Protection Agency, Region 3. 2000. *Risk-Based Concentration Tables.* April 13, 2000.

U. S. Environmental Protection Agency, Region 3. 2000. *Tri-State Geographic Initiative Kenova Industrial Cluster Air Modeling Risk Assessment Report.* May, 2000.

U.S. Environmental Protection Agency, Region 3. 1997. *Tri-State Geographic Initiative Air Risk Assessment Implementation Plan,* Draft. September 1997. EPA Contract Number 68-D5-0038.

U.S. Environmental Protection Agency, Region 4. 1995. *Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment.* Waste Management Division, November, 1995.

U. S. Environmental Protection Agency, Region 4. 1992. *Epidemiological Study for the Kenova and Ceredo, West Virginia and Cattletsburg Kentucky Area (Phase II)*. Final Report. Air Compliance Branch, Region 4.

U.S. Environmental Protection Agency, Region 5. 2000. *Application of CALMET and CALPUFF to Assess Toxic Emissions from the Kenova Industrial Cluster Facilities Conducted in Support of the Tri-State Geographic Initiative*. USEPA Region 5.

U.S. Environmental Protection Agency, Region 6. 1992. *Central Tendency and RME Exposure Parameters*. Memorandum From Jon Rauscher, Toxicologist, Texas Remedy Section, To Donald Williams, Section Chief, Texas Remedy Section. August 18, 1992.

U.S. Environmental Protection Agency, National Center for Environmental Assessment, 2000. *Provisional Toxicity Values*. Presented on Risk-Based Concentration Table. April 13, 2000.

U.S. Environmental Protection Agency. 1998. *Supplemental Guidance to RAGS: RAGS Part D, Standard Risk Assessment Tables*.

U. S. Environmental Protection Agency (IRIS). 2000. *IRIS-Integrated Risk Information System*. Office of Health and Environmental Assessment, Cincinnati, Ohio.

U.S. Environmental Protection Agency, 1997a. *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air*, EPA 625/R-96-010b, Second Edition. January 1997.

U.S. Environmental Protection Agency, 1997b. *Exposure Factors Handbook*. EPA/600/P-95/002Fa, August 1997.

U.S. Environmental Protection Agency. 1997c. National Advisory Committee for Acute Exposure Guidance Levels for Hazardous Substances; Notices, 62 *Federal Register* 58840, October 30; and references cited therein.

U. S. Environmental Protection Agency (HEAST). 1997d. *Health Effects Assessment Summary Tables (HEAST)* Annual Updates, FY-1997.

U.S. Environmental Protection Agency. 1994a. *Technical Support Document: Parameters and Equations Used in Integrated Exposure Uptake Biokinetic Model for Lead in Children (v 0.99d)*. Office of Solid Waste and Emergency Response, EPA/540/R-94/040.

U.S. Environmental Protection Agency. 1994b. *Guidance for Performing Screening Level Risk Analysis at Combustion Facilities Burning Hazardous Wastes.* Office of Emergency and Remedial Response, Office of Solid Waste. April 15, 1997

U.S. Environmental Protection Agency. 1992a. *Supplemental Guidance to RAGS: Calculating the Concentration Term*. Office of Solid Waste and Emergency Response, May 1992. Volume 1, Number 1, Publication 9285.7-081.

U.S. Environmental Protection Agency. 1992b. *Dermal Exposure Assessment: Principles and Applications*. Office of Research and Development, January 1992. EPA/600/8-91/011B.

U.S. Environmental Protection Agency, 1991a. *Compendium of Methods for the Determination of Air Pollutants in Indoor Air.* EPA/600/490/010, Atmospheric Research and Exposure Assessment Laboratory.

U.S. Environmental Protection Agency. 1991b. *Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors.* Office of Solid Waste and Emergency Response. March 25, 1991. OSWER Directive 9285.6-03.

U. S. Environmental Protection Agency. 1990a. *Interim Methods for Development of Inhalation Reference Doses*. USEPA/600/8-88/066F, NTIS PB90-145723.

U.S. Environmental Protection Agency. 1990b. *Noncarcinogenic Effects of Chromium: Update to Health Assessment Document.* Research Triangle Park, NC: Environmental Criteria and Assessment Office, Office of Health and Environmental Assessment. USEPA/600/8-87/048F.

U. S. Environmental Protection Agency. 1990c. *Air Pollution Study of Ashland, Kentucky-Huntington, West Virginia-Ironton, Ohio-Tri-State Area.*

U. S. Environmental Protection Agency. 1989a. *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final*. Office of Emergency and Remedial Response. USEPA540 1-89 002.

U. S. Environmental Protection Agency. 1989b. *Exposure Factors Handbook*. EPA/600/8-89/043, July 1989. Office of Health and Environmental Assessment.

U. S. Environmental Protection Agency. 1989c. *Ashland Air Toxics Survey.* August 1988-February 1989.

U.S. Environmental Protection Agency. 1989d. *General Quantitative Risk Assessment Guidelines for Noncancer Health Effects*, Prepared by the Office of Health and Environmental Assessment, Cincinnati, Ohio for the Risk Assessment Forum, ECAO-CIN-538.

U.S. Environmental Protection Agency. 1986. *Guidelines for Carcinogen Risk Assessment*, Federal Register, 51(185):33992-34003.

U. S. Environmental Protection Agency. *Toxic Release Inventory System*. Office of Pesticides and Toxic Substances, Washington, DC.

U.S. Environmental Protection Agency. Code of Federal Regulations (CFR). 1998. *National Primary and Secondary Ambient Air Quality Standards for Lead.* Title 40, Part 50, Section 12 (40CFR50.12). Revised July 1, 1998.

U.S. Environmental Protection Agency. Code of Federal Regulations (CFR). 1997. 29CFR1910.1000, Table Z-1 Limits for Air Contaminants,1997.

APPENDIX A
ANALYTICAL DATA

SUMMA SAMPLERS
VOLATILE ORGANIC DATA

TRI-STATE DATA FILES

All data presented in this Appendix have been data validated.

Summa Samplers (Volatile Organic Compounds)

1. The data set contains the qualifier U. These data qualifiers indicate that the data are qualified as "Not Detected".

Kentucky Division of Environmental Services - Data Quality Flags

Qualifier	Meaning
A	Average Value
B	Analyte Found In Blank
C	Confirmed by GC/MS
F	No Field Blank
G	Tentative on GC/MS
I	Improper Container
J	Estimated Value
L	Exceeds Drinking Water MCL
M	Instrument Failure
N	Presumptive Identification
P	Improper Preservative
Q	QC Limits Exceeded
R	Insufficient Resources
S	Insufficient Sample
T	Exceeded Holding Time
U	Analyte Not Detected
Z	Laboratory Accident

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602640	08/03/96	Centennial Drive	8.28	14.40	21.10	7.32	4.58	4.75	5.91
9602815	08/14/96	Centennial Drive	8.33	41.70	18.40	9.52	5.37	5.09	5.11
9603038	08/27/96	Centennial Drive	8.09	28.50	27.10	9.85	7.87	5.60	5.97
9603188	09/08/96	Centennial Drive	8.01	17.90	9.78	6.46	2.00 U	3.40	2.95
9603283	09/20/96	Centennial Drive	6.76	29.00	17.70	7.38	4.09	3.00	3.72
9603478	10/02/96	Centennial Drive	5.88	25.20	13.80	5.64	2.00 U	2.00 U	3.54
9603656	10/14/96	Centennial Drive	9.74	21.40	15.60	6.78	4.09	4.15	3.86
9603874	10/26/96	Centennial Drive	6.97	18.00	29.50	4.98	3.71	6.64	5.63
9604537	11/20/96	Centennial Drive	5.07	10.50	4.24	4.28	4.14	4.88	2.80
9604620	12/02/96	Centennial Drive	5.34	13.30	16.50	5.20	2.00 U	2.00 U	2.00 U
9604747	12/13/96	Centennial Drive	6.12	2.00 U	2.00 U	2.00 U	33.40	42.40	17.50
9700040	01/06/97	Centennial Drive	14.00	11.80	15.20	5.88	2.00 U	2.00 U	2.00 U
9700112	01/18/97	Centennial Drive	13.40	9.42	9.36	4.44	2.00 U	2.00 U	2.00 U
9700227	01/30/97	Centennial Drive	14.60	6.42	7.09	4.34	6.15	5.16	3.53
9700351	02/11/97	Centennial Drive	2.00 U	6.29	7.14	3.71	2.00 U	2.00 U	2.00 U
9700475	02/23/97	Centennial Drive	2.00 U	10.20	10.70	4.79	2.00 U	2.00 U	2.00 U
9700573	03/08/97	Centennial Drive	2.00 U	12.50	10.50	4.44	2.00 U	2.00 U	2.00 U
9700869	03/20/97	Centennial Drive	8.89	8.82	7.13	3.71	2.43	2.48	2.00 U
9701151	04/03/97	Centennial Drive	10.20	12.60	9.98	4.78	4.28	5.22	3.34
9701375	04/10/97	Centennial Drive	2.00 U	12.00	8.64	4.46	2.00 U	2.00 U	2.00 U
9701872	04/25/97	Centennial Drive	13.20	16.10	12.60	4.81	4.00	4.08	2.57
9702114	05/06/97	Centennial Drive	2.00 U	10.60	7.93	3.75	2.00 U	2.00 U	2.00 U
9702818	05/30/97	Centennial Drive	2.00 U	8.40	11.50	4.26	2.00 U	2.00 U	2.00 U
9703057	06/11/97	Centennial Drive	2.00 U	12.40	12.90	3.72	2.00 U	2.32	2.30
9703403	06/23/97	Centennial Drive	16.90	9.17	20.20	5.54	6.72	8.59	4.86

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602640	08/03/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602815	08/14/96	Centennial Drive	3.44	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603038	08/27/96	Centennial Drive	4.69	7.09	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603188	09/08/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603283	09/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603478	10/02/96	Centennial Drive	3.83	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603656	10/14/96	Centennial Drive	3.64	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603874	10/26/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.02	2.00 U
9604537	11/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604620	12/02/96	Centennial Drive	2.78	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604747	12/13/96	Centennial Drive	2.14	2.05	2.00 U	3.70	2.00 U	3.78	4.77
9700040	01/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700112	01/18/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700227	01/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	3.68	2.00 U	2.00 U	2.00 U
9700351	02/11/97	Centennial Drive	2.00 U	7.73	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700475	02/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700573	03/08/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700869	03/20/97	Centennial Drive	2.00 U	3.83	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701151	04/03/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701375	04/10/97	Centennial Drive	2.00 U	4.76	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701872	04/25/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702114	05/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702818	05/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703057	06/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703403	06/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602640	08/03/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602815	08/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603038	08/27/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603188	09/08/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603283	09/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603478	10/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603656	10/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603874	10/26/96	Centennial Drive	2.01	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604537	11/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604620	12/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604747	12/13/96	Centennial Drive	6.12	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700040	01/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700112	01/18/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700227	01/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700351	02/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700475	02/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700573	03/08/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700869	03/20/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701151	04/03/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701375	04/10/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701872	04/25/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702114	05/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702818	05/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703057	06/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703403	06/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602640	08/03/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602815	08/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603038	08/27/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603188	09/08/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603283	09/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603478	10/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603656	10/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603874	10/26/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604537	11/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604620	12/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604747	12/13/96	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700040	01/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700112	01/18/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700227	01/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700351	02/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700475	02/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700573	03/08/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700869	03/20/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701151	04/03/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701375	04/10/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701872	04/25/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702114	05/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702818	05/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703057	06/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703403	06/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602640	08/03/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9602815	08/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603038	08/27/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603188	09/08/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603283	09/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603478	10/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603656	10/14/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9603874	10/26/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9604537	11/20/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9604620	12/02/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9604747	12/13/96	Centennial Drive	2.00 U	2.00 U	2.00 U
9700040	01/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700112	01/18/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700227	01/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700351	02/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700475	02/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700573	03/08/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9700869	03/20/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9701151	04/03/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9701375	04/10/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9701872	04/25/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9702114	05/06/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9702818	05/30/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9703057	06/11/97	Centennial Drive	2.00 U	2.00 U	2.00 U
9703403	06/23/97	Centennial Drive	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602671	08/03/96	Corn Duplicate	7.96	2.00 U	7.48	2.00 U	4.48	5.40	3.42
9602818	08/14/96	Corn Duplicate	7.90	2.00 U	7.62	2.00 U	3.04	2.00 U	2.00 U
9603037	08/27/96	Corn Duplicate	9.27	2.00 U	11.30	2.00 U	9.82	12.00	6.20
9603190	09/08/96	Corn Duplicate	7.60	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603287	09/20/96	Corn Duplicate	16.30	2.00 U	3.87	2.00 U	4.64	4.37	2.99
9603481	10/02/96	Corn Duplicate	9.90	2.30	7.17	2.00 U	2.00 U	2.00 U	2.00 U
9603657	10/14/96	Corn Duplicate	10.50	2.00 U	8.77	2.00 U	3.85	3.51	3.32
9603870	10/26/96	Corn Duplicate	7.16	2.00 U	12.10	2.00 U	4.70	10.70	8.72
9604225	11/07/96	Corn Duplicate	5.61	2.00 U	11.90	2.00 U	3.33	2.99	2.00 U
9604623	12/02/96	Corn Duplicate	5.13	2.00 U	7.18	2.00 U	2.00 U	2.00 U	2.00 U
9604745	12/13/96	Corn Duplicate	5.66	2.00 U	4.20	2.00 U	4.44	5.93	3.65
9700043	01/06/97	Corn Duplicate	13.90	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700117	01/18/97	Corn Duplicate	16.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700230	01/30/97	Corn Duplicate	13.50	2.00 U	2.00 U	2.00 U	5.21	5.11	2.00 U
9700352	02/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.86	2.00 U
9700474	02/23/97	Corn Duplicate	2.00 U	2.00 U	3.71	2.00 U	2.00 U	2.00 U	2.00 U
9701157	04/03/97	Corn Duplicate	13.50	2.00 U	8.59	2.00 U	2.88	6.82	3.06
9701374	04/10/97	Corn Duplicate	2.00 U	2.00 U	5.63	2.00 U	2.00 U	2.00 U	2.00 U
9701857	04/25/97	Corn Duplicate	2.00 U	2.00 U	5.84	2.00 U	2.00 U	2.90	2.00 U
9702110	05/06/97	Corn Duplicate	2.00 U	2.00 U	7.41	2.00 U	2.00 U	2.00 U	2.00 U
9702816	05/30/97	Corn Duplicate	2.00 U	2.00 U	5.96	2.00 U	2.00 U	2.00 U	2.00 U
9703060	06/11/97	Corn Duplicate	2.00 U	2.00 U	4.44	2.00 U	2.00 U	2.00 U	2.00 U
9703406	06/23/97	Corn Duplicate	15.80	2.00 U	9.70	2.00 U	5.13	5.96	2.59
9703781	07/09/97	Corn Duplicate	2.00 U	2.00 U	5.58	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602671	08/03/96	Corn Duplicate	3.73	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602818	08/14/96	Corn Duplicate	2.93	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603037	08/27/96	Corn Duplicate	3.31	2.00 U	2.00 U	5.40	2.00 U	2.77	2.00 U
9603190	09/08/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603287	09/20/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603481	10/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603657	10/14/96	Corn Duplicate	4.28	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603870	10/26/96	Corn Duplicate	3.10	2.00 U	2.00 U	2.00 U	2.00 U	3.74	2.00 U
9604225	11/07/96	Corn Duplicate	2.98	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604623	12/02/96	Corn Duplicate	2.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604745	12/13/96	Corn Duplicate	2.55	2.64	2.00 U	3.22	2.00 U	2.00 U	2.00 U
9700043	01/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700117	01/18/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700230	01/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700352	02/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700474	02/23/97	Corn Duplicate	2.00 U	4.42	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701157	04/03/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701374	04/10/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701857	04/25/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702110	05/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702816	05/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703060	06/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703406	06/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703781	07/09/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	4.53	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602671	08/03/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602818	08/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603037	08/27/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603190	09/08/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603287	09/20/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603481	10/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603657	10/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603870	10/26/96	Corn Duplicate	3.52	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604225	11/07/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604623	12/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604745	12/13/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700043	01/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700117	01/18/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700230	01/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700352	02/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700474	02/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701157	04/03/97	Corn Duplicate	2.00 U	3.54	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701374	04/10/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701857	04/25/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702110	05/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702816	05/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703060	06/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703406	06/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703781	07/09/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
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Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602671	08/03/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602818	08/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603037	08/27/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603190	09/08/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603287	09/20/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603481	10/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603657	10/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603870	10/26/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604225	11/07/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604623	12/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604745	12/13/96	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700043	01/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700117	01/18/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700230	01/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700352	02/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700474	02/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701157	04/03/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701374	04/10/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701857	04/25/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702110	05/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702816	05/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703060	06/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703406	06/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703781	07/09/97	Corn Duplicate	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602671	08/03/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9602818	08/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603037	08/27/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603190	09/08/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603287	09/20/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603481	10/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603657	10/14/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9603870	10/26/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9604225	11/07/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9604623	12/02/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9604745	12/13/96	Corn Duplicate	2.00 U	2.00 U	2.00 U
9700043	01/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9700117	01/18/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9700230	01/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9700352	02/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9700474	02/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9701157	04/03/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9701374	04/10/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9701857	04/25/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9702110	05/06/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9702816	05/30/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9703060	06/11/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9703406	06/23/97	Corn Duplicate	2.00 U	2.00 U	2.00 U
9703781	07/09/97	Corn Duplicate	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602817	08/14/96	Corn Orginal	7.51	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602670	08/03/96	Corn Original	7.99	2.00 U	2.00 U	2.00 U	4.13	4.71	3.52
9603036	08/27/96	Corn Original	8.87	2.00 U	2.00 U	3.51	10.60	11.20	6.30
9603286	09/20/96	Corn Original	8.87	2.00 U	2.00 U	2.00 U	3.73	3.72	2.65
9603482	10/02/96	Corn Original	9.81	2.00 U	2.00 U	2.00 U	4.53	4.10	2.00 U
9603658	10/14/96	Corn Original	11.70	2.96	2.00 U	3.52	4.37	4.26	4.08
9603869	10/26/96	Corn Original	7.07	2.00 U	2.00 U	3.14	3.23	5.53	4.23
9604746	12/13/96	Corn Original	5.33	2.00 U	2.93	2.00 U	3.92	5.42	3.29
9700042	01/06/97	Corn Original	14.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700116	01/18/97	Corn Original	16.40	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700231	01/30/97	Corn Original	14.30	2.00 U	2.00 U	2.00 U	5.01	4.92	2.58
9700353	02/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.87	2.00 U
9700473	02/23/97	Corn Original	2.00 U	2.00 U	2.98	2.00 U	2.00 U	2.00 U	2.00 U
9701156	04/03/97	Corn Original	13.00	2.00 U	4.33	2.00 U	3.04	6.29	2.69
9701373	04/10/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701856	04/25/97	Corn Original	2.00 U	2.00 U	3.68	2.00 U	2.00 U	2.00 U	2.00 U
9702111	05/06/97	Corn Original	2.00 U	2.00 U	6.74	2.00 U	2.00 U	2.00 U	2.00 U
9702817	05/30/97	Corn Original	2.00 U	2.00 U	4.56	2.00 U	2.00 U	2.09	2.00 U
9703059	06/11/97	Corn Original	2.00 U	2.00 U	4.56	2.00 U	2.00 U	2.00 U	2.00 U
9703405	06/23/97	Corn Original	17.80	2.00 U	5.82	2.00 U	5.13	5.63	2.50
9703787	07/09/97	Corn Original	2.00 U	2.00 U	5.65	2.00 U	2.00 U	2.80	2.00 U
9603189	09/08/96	Corn Originial	7.83	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604224	11/07/96	Corn Originial	5.46	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604622	12/02/96	Corn Originial	5.32	2.00 U	5.02	2.00 U	2.43	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602817	08/14/96	Corn Orginal	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602670	08/03/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603036	08/27/96	Corn Original	3.03	2.00 U	2.00 U	5.30	2.00 U	2.00	2.00 U
9603286	09/20/96	Corn Original	2.00 U	15.40	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603482	10/02/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603658	10/14/96	Corn Original	4.82	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603869	10/26/96	Corn Original	3.53	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604746	12/13/96	Corn Original	2.00 U	2.19	2.00 U	2.65	2.00 U	2.00 U	2.00 U
9700042	01/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700116	01/18/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700231	01/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.71	2.00 U	2.00 U	2.00 U
9700353	02/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700473	02/23/97	Corn Original	2.00 U	2.90	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701156	04/03/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701373	04/10/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701856	04/25/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702111	05/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702817	05/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703059	06/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703405	06/23/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703787	07/09/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603189	09/08/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604224	11/07/96	Corn Originial	3.29	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604622	12/02/96	Corn Originial	2.83	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602817	08/14/96	Corn Orginal	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602670	08/03/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603036	08/27/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603286	09/20/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603482	10/02/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603658	10/14/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603869	10/26/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604746	12/13/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700042	01/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700116	01/18/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700231	01/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700353	02/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700473	02/23/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701156	04/03/97	Corn Original	2.00 U	3.55	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701373	04/10/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701856	04/25/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702111	05/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702817	05/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703059	06/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703405	06/23/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703787	07/09/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603189	09/08/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604224	11/07/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.76
9604622	12/02/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602817	08/14/96	Corn Orginal	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602670	08/03/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603036	08/27/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603286	09/20/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603482	10/02/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603658	10/14/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603869	10/26/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604746	12/13/96	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700042	01/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700116	01/18/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700231	01/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700353	02/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700473	02/23/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701156	04/03/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701373	04/10/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701856	04/25/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702111	05/06/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702817	05/30/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703059	06/11/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703405	06/23/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703787	07/09/97	Corn Original	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603189	09/08/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604224	11/07/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604622	12/02/96	Corn Originial	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602817	08/14/96	Corn Orginal	2.00 U	2.00 U	2.00 U
9602670	08/03/96	Corn Original	2.00 U	2.00 U	2.00 U
9603036	08/27/96	Corn Original	2.00 U	2.00 U	2.00 U
9603286	09/20/96	Corn Original	2.00 U	2.00 U	2.00 U
9603482	10/02/96	Corn Original	2.00 U	2.00 U	2.00 U
9603658	10/14/96	Corn Original	2.00 U	2.00 U	2.00 U
9603869	10/26/96	Corn Original	2.00 U	2.00 U	2.00 U
9604746	12/13/96	Corn Original	2.00 U	2.00 U	2.00 U
9700042	01/06/97	Corn Original	2.00 U	2.00 U	2.00 U
9700116	01/18/97	Corn Original	2.00 U	2.00 U	2.00 U
9700231	01/30/97	Corn Original	2.00 U	2.00 U	2.00 U
9700353	02/11/97	Corn Original	2.00 U	2.00 U	2.00 U
9700473	02/23/97	Corn Original	2.00 U	2.00 U	2.00 U
9701156	04/03/97	Corn Original	2.00 U	2.00 U	2.00 U
9701373	04/10/97	Corn Original	2.00 U	2.00 U	2.00 U
9701856	04/25/97	Corn Original	2.00 U	2.00 U	2.00 U
9702111	05/06/97	Corn Original	2.00 U	2.00 U	2.00 U
9702817	05/30/97	Corn Original	2.00 U	2.00 U	2.00 U
9703059	06/11/97	Corn Original	2.00 U	2.00 U	2.00 U
9703405	06/23/97	Corn Original	2.00 U	2.00 U	2.00 U
9703787	07/09/97	Corn Original	2.00 U	2.00 U	2.00 U
9603189	09/08/96	Corn Originial	2.00 U	2.00 U	2.00 U
9604224	11/07/96	Corn Originial	2.00 U	2.00 U	2.00 U
9604622	12/02/96	Corn Originial	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602641	08/03/96	Kenova Fire Station	9.33	2.00 U	2.00 U	2.00 U	6.02	7.35	4.93
9602816	08/14/96	Kenova Fire Station	9.28	2.00 U	2.00 U	2.00 U	4.29	6.42	3.85
9603041	08/27/96	Kenova Fire Station	9.04	2.00 U	2.00 U	2.00 U	18.00	20.40	9.92
9603191	09/08/96	Kenova Fire Station	8.08	2.00 U	2.00 U	2.00 U	2.00 U	3.43	2.44
9603289	09/20/96	Kenova Fire Station	8.71	2.00 U	2.00 U	2.00 U	10.80	7.01	5.44
9603477	10/02/96	Kenova Fire Station	10.30	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603654	10/14/96	Kenova Fire Station	9.92	2.00 U	2.00 U	2.00 U	6.84	9.74	5.89
9603875	10/26/96	Kenova Fire Station	7.81	2.71	2.62	2.00 U	5.68	12.00	9.20
9604221	11/07/96	Kenova Fire Station	5.68	2.00 U	2.00 U	2.00 U	2.59	4.82	4.93
9604536	11/20/96	Kenova Fire Station	5.67	2.00 U	2.00 U	2.00 U	5.56	6.24	3.07
9604621	12/02/96	Kenova Fire Station	5.52	2.00 U	2.00 U	2.00 U	2.75	3.59	2.64
9604744	12/13/96	Kenova Fire Station	5.40	2.00 U	2.00 U	2.00 U	5.59	8.11	4.45
9700041	01/06/97	Kenova Fire Station	12.50	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700113	01/18/97	Kenova Fire Station	16.70	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700225	01/30/97	Kenova Fire Station	14.50	2.00 U	2.00 U	2.00 U	7.04	7.08	5.25
9700307	02/08/97	Kenova Fire Station	9.67	2.00 U	2.00 U	2.00 U	27.60	24.40	6.52
9700350	02/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700478	02/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700572	03/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	3.23	3.83	2.82
9700868	03/20/97	Kenova Fire Station	9.81	2.00 U	2.00 U	2.00 U	3.21	3.47	2.00 U
9701154	04/03/97	Kenova Fire Station	18.30	2.00 U	2.00 U	2.00 U	4.57	6.94	4.17
9701376	04/10/97	Kenova Fire Station	19.20	2.00 U	2.00 U	2.00 U	2.96	4.31	2.00 U
9701859	04/25/97	Kenova Fire Station	15.70	2.00 U	2.00 U	2.00 U	5.64	9.03	3.57
9702112	05/06/97	Kenova Fire Station	11.70	2.00 U	2.00 U	2.00 U	2.66	3.11	2.00 U
9702819	05/30/97	Kenova Fire Station	14.60	2.00 U	2.00 U	2.00 U	2.25	3.39	2.66
9703055	06/11/97	Kenova Fire Station	11.00	2.00 U	2.00 U	2.00 U	2.90	5.57	3.08
9703404	06/23/97	Kenova Fire Station	20.80	2.00 U	2.00 U	2.00 U	16.90	22.00	9.80
9703782	07/09/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.24	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602641	08/03/96	Kenova Fire Station	3.47	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602816	08/14/96	Kenova Fire Station	2.97	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603041	08/27/96	Kenova Fire Station	3.30	3.08	2.00 U	4.68	2.00 U	3.62	2.69
9603191	09/08/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603289	09/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603477	10/02/96	Kenova Fire Station	3.89	7.57	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603654	10/14/96	Kenova Fire Station	3.40	2.71	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603875	10/26/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.80	2.00 U
9604221	11/07/96	Kenova Fire Station	3.03	2.00 U	2.00 U	2.00 U	2.00 U	2.89	2.00 U
9604536	11/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604621	12/02/96	Kenova Fire Station	2.59	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604744	12/13/96	Kenova Fire Station	2.69	3.28	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700041	01/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700113	01/18/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700225	01/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.56	2.00 U
9700307	02/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	6.09	2.00 U	2.00 U	2.22
9700350	02/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700478	02/23/97	Kenova Fire Station	2.00 U	2.63	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700572	03/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700868	03/20/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701154	04/03/97	Kenova Fire Station	2.00 U	27.10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701376	04/10/97	Kenova Fire Station	2.00 U	9.21	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701859	04/25/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.57	2.00 U
9702112	05/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702819	05/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703055	06/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703404	06/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.11	2.96
9703782	07/09/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602641	08/03/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602816	08/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603041	08/27/96	Kenova Fire Station	4.10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603191	09/08/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603289	09/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603477	10/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603654	10/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603875	10/26/96	Kenova Fire Station	3.95	2.00 U	2.00 U	2.00 U	2.67	2.00 U	2.00 U
9604221	11/07/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604536	11/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604621	12/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604744	12/13/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700041	01/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700113	01/18/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700225	01/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station	2.25	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700350	02/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700478	02/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700572	03/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700868	03/20/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701154	04/03/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701376	04/10/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701859	04/25/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702112	05/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702819	05/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703055	06/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703404	06/23/97	Kenova Fire Station	4.01	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703782	07/09/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602641	08/03/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602816	08/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603041	08/27/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603191	09/08/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603289	09/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603477	10/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603654	10/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603875	10/26/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604221	11/07/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604536	11/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604621	12/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604744	12/13/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700041	01/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700113	01/18/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700225	01/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700350	02/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700478	02/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700572	03/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700868	03/20/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701154	04/03/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701376	04/10/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701859	04/25/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702112	05/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702819	05/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703055	06/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703404	06/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703782	07/09/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602641	08/03/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9602816	08/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603041	08/27/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603191	09/08/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603289	09/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603477	10/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603654	10/14/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9603875	10/26/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9604221	11/07/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9604536	11/20/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9604621	12/02/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9604744	12/13/96	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700041	01/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700113	01/18/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700225	01/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700350	02/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700478	02/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700572	03/08/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9700868	03/20/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9701154	04/03/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9701376	04/10/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9701859	04/25/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9702112	05/06/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9702819	05/30/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9703055	06/11/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9703404	06/23/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U
9703782	07/09/97	Kenova Fire Station	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9604330	11/13/96	Kenova Fire Station/Trigger	6.62	2.00 U	2.00 U	2.00 U	35.80	45.00	15.20
9604543	11/19/96	Kenova Fire Station/Trigger	6.15	2.00 U	2.00 U	2.00 U	23.80	31.70	13.40
9604544	11/20/96	Kenova Fire Station/Trigger	5.83	2.00 U	2.00 U	2.00 U	35.00	43.10	15.40
9604715	12/09/96	Kenova Fire Station/Trigger	5.77	2.00 U	2.00 U	2.00 U	30.00	36.50	14.00
9604757	12/13/96	Kenova Fire Station/Trigger	5.31	12.80	16.80	5.64	3.84	5.41	3.61
9604827	12/16/96	Kenova Fire Station/Trigger	6.46	2.00 U	2.00 U	2.00 U	6.73	11.50	10.10
9604828	12/19/96	Kenova Fire Station/Trigger	5.22	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700039	12/23/96	Kenova Fire Station/Trigger	21.40	2.00 U	2.00 U	2.00 U	13.60	70.40	10.70
9700224	01/27/97	Kenova Fire Station/Trigger	16.30	2.00 U	2.00 U	2.00 U	8.61	12.70	9.04
9700306	02/02/97	Kenova Fire Station/Trigger	13.20	2.00 U	2.00 U	2.00 U	31.00	24.80	11.20
9700307	02/08/97	Kenova Fire Station/Trigger	9.67	2.00 U	2.00 U	2.00 U	27.60	24.40	6.52
9700472	02/15/97	Kenova Fire Station/Trigger	13.50	2.00 U	2.00 U	2.00 U	2.93	2.91	2.00 U
9700568	02/24/97	Kenova Fire Station/Trigger	7.54	2.00 U	2.00 U	2.00 U	5.79	5.99	2.00 U
9700569	03/01/97	Kenova Fire Station/Trigger	4.11	2.24	2.00 U	2.00 U	19.50	16.20	4.53
9701159	04/03/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701368	04/11/97	Kenova Fire Station/Trigger	19.10	2.00 U	2.00 U	2.00 U	27.80	26.60	8.56
9701837	04/20/97	Kenova Fire Station/Trigger	13.30	2.00 U	2.00 U	2.00 U	29.30	34.70	11.10
9701838	04/21/97	Kenova Fire Station/Trigger	11.00	2.00 U	2.00 U	2.00 U	2.49	3.30	
9701855	04/25/97	Kenova Fire Station/Trigger	18.10	2.00 U	2.00 U	2.00 U	4.74	9.28	6.02
9702097	05/07/97	Kenova Fire Station/Trigger	17.90	2.00 U	2.00 U	2.00 U	18.50	20.60	7.08
9702098	05/07/97	Kenova Fire Station/Trigger	19.20	1.99	2.00 U	2.00 U	27.80	27.10	7.94
9702820	05/21/97	Kenova Fire Station/Trigger	18.50	2.00 U	2.00 U	2.00 U	9.30	9.16	4.86

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9604330	11/13/96	Kenova Fire Station/Trigger	2.85	2.00 U	2.00 U	2.10	2.00 U	3.20	4.12
9604543	11/19/96	Kenova Fire Station/Trigger	29.50	2.00 U	2.00 U	7.18	2.00 U	3.53	3.39
9604544	11/20/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	5.50	2.00 U	3.50	3.42
9604715	12/09/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.66	2.00 U	3.37	3.49
9604757	12/13/96	Kenova Fire Station/Trigger	3.16	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604827	12/16/96	Kenova Fire Station/Trigger	2.00 U	93.70	2.00 U	2.00 U	2.00 U	2.78	2.36
9604828	12/19/96	Kenova Fire Station/Trigger	2.83	3.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700039	12/23/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.42	2.00 U	4.38	3.29
9700224	01/27/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.06	2.00 U	4.87	2.89
9700306	02/02/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	16.80	2.00 U	4.65	3.87
9700307	02/08/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	6.09	2.00 U	2.00 U	2.22
9700472	02/15/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700568	02/24/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700569	03/01/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701159	04/03/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701368	04/11/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.26	2.59
9701837	04/20/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.30	2.00 U	3.73	3.46
9701838	04/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	3.64	2.00 U		2.28
9701855	04/25/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	5.37	2.00 U	2.86	2.00 U
9702097	05/07/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	11.10	2.00 U	2.36	2.37
9702098	05/07/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	4.55	2.00 U	2.45	2.57
9702820	05/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	3.10B	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9604330	11/13/96	Kenova Fire Station/Trigger	5.37	2.00 U	2.18	2.00 U	2.00 U	2.00 U	2.00 U
9604543	11/19/96	Kenova Fire Station/Trigger	4.57	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604544	11/20/96	Kenova Fire Station/Trigger	6.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604715	12/09/96	Kenova Fire Station/Trigger	5.10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604757	12/13/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604827	12/16/96	Kenova Fire Station/Trigger	3.64	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604828	12/19/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700039	12/23/96	Kenova Fire Station/Trigger	4.22	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.07
9700224	01/27/97	Kenova Fire Station/Trigger	4.01	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700306	02/02/97	Kenova Fire Station/Trigger	4.36	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station/Trigger	2.25	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700472	02/15/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700568	02/24/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700569	03/01/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701159	04/03/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701368	04/11/97	Kenova Fire Station/Trigger	3.31	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701837	04/20/97	Kenova Fire Station/Trigger	5.01				2.00 U	2.00 U	2.00 U
9701838	04/21/97	Kenova Fire Station/Trigger					2.00 U	2.00 U	2.00 U
9701855	04/25/97	Kenova Fire Station/Trigger	2.27	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702097	05/07/97	Kenova Fire Station/Trigger	2.79	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702098	05/07/97	Kenova Fire Station/Trigger	3.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702820	05/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9604330	11/13/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604543	11/19/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604544	11/20/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604715	12/09/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604757	12/13/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604827	12/16/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604828	12/19/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700039	12/23/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700224	01/27/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700306	02/02/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700472	02/15/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700568	02/24/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700569	03/01/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701159	04/03/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701368	04/11/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701837	04/20/97	Kenova Fire Station/Trigger	2.00 U	70.00	146.00	2.00 U	2.00 U	47.00
9701838	04/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701855	04/25/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702097	05/07/97	Kenova Fire Station/Trigger	2.00 U	45.00	2.00 U	2.00 U	2.00 U	2.00 U
9702098	05/07/97	Kenova Fire Station/Trigger	2.00 U	69.00	29.00	17.00	2.00 U	2.00 U
9702820	05/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9604330	11/13/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604543	11/19/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604544	11/20/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604715	12/09/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604757	12/13/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604827	12/16/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9604828	12/19/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700039	12/23/96	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700224	01/27/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700306	02/02/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700307	02/08/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700472	02/15/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700568	02/24/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9700569	03/01/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9701159	04/03/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9701368	04/11/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9701837	04/20/97	Kenova Fire Station/Trigger	158.00	29.00	59.00
9701838	04/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9701855	04/25/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9702097	05/07/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9702098	05/07/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U
9702820	05/21/97	Kenova Fire Station/Trigger	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602642	08/03/96	Kenova Water Works	7.90	2.00 U	2.00 U	2.00 U	2.75	2.00 U	2.00 U
9602813	08/14/96	Kenova Water Works	8.29	3.75	2.00 U	2.00 U	2.42	2.00 U	2.00 U
9603042	08/27/96	Kenova Water Works	8.02	2.00 U	2.00 U	2.00 U	3.13	2.00 U	2.00 U
9603192	09/08/96	Kenova Water Works	7.37	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603479	10/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603872	10/26/96	Kenova Water Works	6.47	2.00 U	2.42	2.00 U	2.86	3.99	2.52
9604223	11/07/96	Kenova Water Works	5.59	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604535	11/20/96	Kenova Water Works	5.44	2.00 U	2.00 U	2.00 U	2.00 U	2.55	2.00 U
9604617	12/02/96	Kenova Water Works	5.20	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604743	12/13/96	Kenova Water Works	5.62	2.00 U	2.00 U	2.00 U	5.11	4.67	2.45
9700044	01/06/97	Kenova Water Works	15.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700115	01/18/97	Kenova Water Works	17.20	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700232	01/30/97	Kenova Water Works	15.50	2.00 U	2.00 U	2.00 U	2.41	3.23	2.00 U
9700347	02/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700477	02/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700867	03/20/97	Kenova Water Works	12.80	2.00 U	2.00 U	2.00 U	2.37	2.44	2.00 U
9701152	04/03/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701372	04/10/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701871	04/25/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702113	05/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702814	05/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703056	06/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703408	06/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.44	2.00 U
9703785	07/09/97	Kenova Water Works	13.90	2.00 U	2.00 U	2.00 U	2.06	2.90	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602642	08/03/96	Kenova Water Works	4.49	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602813	08/14/96	Kenova Water Works	3.99	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603042	08/27/96	Kenova Water Works	3.95	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603192	09/08/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603479	10/02/96	Kenova Water Works	2.00 U	160.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603872	10/26/96	Kenova Water Works	4.13	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604223	11/07/96	Kenova Water Works	4.06	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604535	11/20/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604617	12/02/96	Kenova Water Works	3.56	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604743	12/13/96	Kenova Water Works	3.67	2.00 U	2.00 U	2.72	2.00 U	2.00 U	2.00 U
9700044	01/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700115	01/18/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700232	01/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700347	02/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700477	02/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700867	03/20/97	Kenova Water Works	2.00 U	17.00	2.00 U	2.34	2.00 U	2.00 U	2.00 U
9701152	04/03/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701372	04/10/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701871	04/25/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702113	05/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702814	05/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703056	06/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703408	06/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703785	07/09/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602642	08/03/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602813	08/14/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603042	08/27/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603192	09/08/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603479	10/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603872	10/26/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604223	11/07/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604535	11/20/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604617	12/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604743	12/13/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700044	01/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700115	01/18/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700232	01/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700347	02/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700477	02/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700867	03/20/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701152	04/03/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701372	04/10/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701871	04/25/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702113	05/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702814	05/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703056	06/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703408	06/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703785	07/09/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602642	08/03/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602813	08/14/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603042	08/27/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603192	09/08/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603479	10/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603872	10/26/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604223	11/07/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604535	11/20/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604617	12/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604743	12/13/96	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700044	01/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700115	01/18/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700232	01/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700347	02/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700477	02/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700867	03/20/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701152	04/03/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701372	04/10/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701871	04/25/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702113	05/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702814	05/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703056	06/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703408	06/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703785	07/09/97	Kenova Water Works	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602642	08/03/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9602813	08/14/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9603042	08/27/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9603192	09/08/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9603479	10/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9603872	10/26/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9604223	11/07/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9604535	11/20/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9604617	12/02/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9604743	12/13/96	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700044	01/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700115	01/18/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700232	01/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700347	02/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700477	02/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9700867	03/20/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9701152	04/03/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9701372	04/10/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9701871	04/25/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9702113	05/06/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9702814	05/30/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9703056	06/11/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9703408	06/23/97	Kenova Water Works	2.00 U	2.00 U	2.00 U
9703785	07/09/97	Kenova Water Works	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602645	08/03/96	Lockwood Estates	7.89	2.00 U	3.68	2.00 U	2.00 U	2.00 U	2.00 U
9602811	08/14/96	Lockwood Estates	8.02	2.00 U	3.37	2.00 U	2.00 U	2.00 U	2.00 U
9603039	08/27/96	Lockwood Estates	8.42	2.00 U	3.44	2.00 U	2.96	2.00 U	2.00 U
9603195	09/08/96	Lockwood Estates	8.11	2.00 U	2.90	2.00 U	2.00 U	2.00 U	2.00 U
9603285	09/20/96	Lockwood Estates	7.79	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603480	10/02/96	Lockwood Estates	9.62	2.00 U	5.14	2.00 U	2.00 U	2.00 U	2.00 U
9603655	10/14/96	Lockwood Estates	12.70	2.00 U	2.00 U	2.00 U	5.26	9.72	5.84
9603871	10/26/96	Lockwood Estates	6.42	2.00 U	7.98	2.00 U	2.98	3.39	2.00 U
9604222	11/07/96	Lockwood Estates	5.50	2.00 U	4.60	2.00 U	2.00 U	2.00 U	2.00 U
9604541	11/20/96	Lockwood Estates	5.76	2.00 U	3.03	2.00 U	2.00 U	2.00 U	2.00 U
9604619	12/02/96	Lockwood Estates	5.05	2.00 U	3.73	2.00 U	2.00 U	2.00 U	2.00 U
9604740	12/13/96	Lockwood Estates	5.46	2.00 U	2.00 U	2.00 U	2.00 U	3.88	2.00 U
9700046	01/06/97	Lockwood Estates	14.40	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700111	01/18/97	Lockwood Estates	13.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700229	01/30/97	Lockwood Estates	12.10	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700349	02/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700480	02/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700574	03/08/97	Lockwood Estates	2.00 U	2.00 U	3.35	2.00 U	2.00 U	2.00 U	2.00 U
9700871	03/20/97	Lockwood Estates	7.46	2.00 U	2.92	2.00 U	2.58	2.00 U	2.00 U
9701153	04/03/97	Lockwood Estates	2.00 U	2.00 U	2.59	2.00 U	2.00 U	2.00 U	2.00 U
9701370	04/10/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701860	04/25/97	Lockwood Estates	2.00 U	2.00 U	3.55	2.00 U	2.00 U	2.00 U	2.00 U
9702109	05/06/97	Lockwood Estates	2.00 U	2.00 U	4.62	2.00 U	2.00 U	2.00 U	2.00 U
9702822	05/30/97	Lockwood Estates	2.00 U	2.00 U	4.46	2.00 U	2.00 U	2.00 U	2.00 U
9703061	06/11/97	Lockwood Estates	2.00 U	2.00 U	4.08	2.00 U	2.00 U	2.00 U	2.00 U
9703409	06/23/97	Lockwood Estates	2.00 U	2.00 U	5.45	2.00 U	2.00 U	2.00 U	2.00 U
9703784	07/09/97	Lockwood Estates	2.00 U	2.00 U	3.38	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602645	08/03/96	Lockwood Estates	4.94	2.00 U	3.71	8.33	5.00	2.00 U	2.00 U
9602811	08/14/96	Lockwood Estates	3.01	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603039	08/27/96	Lockwood Estates	2.81	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603195	09/08/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603285	09/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603480	10/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603655	10/14/96	Lockwood Estates	2.97	4.24	2.00 U	2.18	2.00 U	2.00 U	2.00 U
9603871	10/26/96	Lockwood Estates	4.86	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604222	11/07/96	Lockwood Estates	2.94	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604541	11/20/96	Lockwood Estates	6.64	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604619	12/02/96	Lockwood Estates	2.97	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604740	12/13/96	Lockwood Estates	3.16	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700046	01/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700111	01/18/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700229	01/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700349	02/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700480	02/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700574	03/08/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700871	03/20/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701153	04/03/97	Lockwood Estates	2.00 U	4.51	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701370	04/10/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701860	04/25/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702109	05/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702822	05/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703061	06/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703409	06/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703784	07/09/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602645	08/03/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602811	08/14/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603039	08/27/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603195	09/08/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603285	09/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603480	10/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603655	10/14/96	Lockwood Estates	2.23	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603871	10/26/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.82	2.00 U	2.00 U	2.00 U
9604222	11/07/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604541	11/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604619	12/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604740	12/13/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700046	01/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700111	01/18/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700229	01/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700349	02/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700480	02/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700574	03/08/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700871	03/20/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701153	04/03/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701370	04/10/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701860	04/25/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702109	05/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702822	05/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703061	06/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703409	06/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703784	07/09/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602645	08/03/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602811	08/14/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603039	08/27/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603195	09/08/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603285	09/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603480	10/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603655	10/14/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603871	10/26/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604222	11/07/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604541	11/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604619	12/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604740	12/13/96	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700046	01/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700111	01/18/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700229	01/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700349	02/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700480	02/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700574	03/08/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700871	03/20/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701153	04/03/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701370	04/10/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701860	04/25/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702109	05/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702822	05/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703061	06/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703409	06/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703784	07/09/97	Lockwood Estates	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602645	08/03/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9602811	08/14/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603039	08/27/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603195	09/08/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603285	09/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603480	10/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603655	10/14/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9603871	10/26/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9604222	11/07/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9604541	11/20/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9604619	12/02/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9604740	12/13/96	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700046	01/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700111	01/18/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700229	01/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700349	02/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700480	02/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700574	03/08/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9700871	03/20/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9701153	04/03/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9701370	04/10/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9701860	04/25/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9702109	05/06/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9702822	05/30/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9703061	06/11/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9703409	06/23/97	Lockwood Estates	2.00 U	2.00 U	2.00 U
9703784	07/09/97	Lockwood Estates	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602643	08/03/96	Sweet Run	8.03	2.00 U	2.00 U	2.00 U	2.62	3.05	2.00 U
9602814	08/14/96	Sweet Run	7.46	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603043	08/27/96	Sweet Run	10.30	2.00 U	2.00 U	2.00 U	3.61	3.65	2.00 U
9603193	09/08/96	Sweet Run	8.62	2.00 U	2.00 U	2.00 U	2.00 U	2.61	2.00 U
9603290	09/20/96	Sweet Run	8.26	2.00 U	2.00 U	2.00 U	3.13	4.11	2.00 U
9603484	10/02/96	Sweet Run	9.41	2.00 U	2.00 U	2.00 U	2.00 U	3.89	2.00 U
9603659	10/14/96	Sweet Run	10.40	2.00 U	2.00 U	2.00 U	3.44	3.56	3.24
9603873	10/26/96	Sweet Run	6.53	2.60	2.56	2.00 U	3.58	4.84	3.01
9604227	11/07/96	Sweet Run	5.36	2.00 U	2.00 U	2.00 U	2.00 U	2.83	2.00 U
9604624	12/02/96	Sweet Run	5.63	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604742	12/13/96	Sweet Run	6.18	2.34	2.00 U	2.00 U	5.78	7.40	4.27
9700045	01/06/97	Sweet Run	14.40	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700114	01/18/97	Sweet Run	17.60	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700226	01/30/97	Sweet Run	12.50	2.00 U	2.00 U	2.00 U	4.41	4.60	2.00 U
9700346	02/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700476	02/23/97	Sweet Run	2.00 U	3.53	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700866	03/20/97	Sweet Run	11.60	2.00 U	2.00 U	2.00 U	2.43	3.26	2.00 U
9701155	04/03/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.37	2.00 U
9701369	04/10/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.46	2.00 U
9701858	04/25/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.86	2.00 U
9702115	05/06/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702815	05/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703058	06/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.53	2.00 U
9703407	06/23/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	3.23	2.00 U
9703786	07/09/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602643	08/03/96	Sweet Run	5.05	3.67	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602814	08/14/96	Sweet Run	4.09	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603043	08/27/96	Sweet Run	4.89	2.66	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603193	09/08/96	Sweet Run	2.00 U	4.66	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603290	09/20/96	Sweet Run	2.00 U	4.91	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603484	10/02/96	Sweet Run	2.00 U	16.50	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603659	10/14/96	Sweet Run	6.20	3.04	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603873	10/26/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604227	11/07/96	Sweet Run	4.38	18.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604624	12/02/96	Sweet Run	4.27	51.70	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604742	12/13/96	Sweet Run	3.36	82.00	2.00 U	5.91	2.00 U	2.00 U	2.00 U
9700045	01/06/97	Sweet Run	2.00 U	33.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700114	01/18/97	Sweet Run	2.00 U	5.64	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700226	01/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700346	02/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700476	02/23/97	Sweet Run	2.00 U	54.80	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700866	03/20/97	Sweet Run	2.00 U	318.00	2.00 U	3.89	2.00 U	2.00 U	2.00 U
9701155	04/03/97	Sweet Run	2.00 U	4.19	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701369	04/10/97	Sweet Run	2.00 U	7.55	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701858	04/25/97	Sweet Run	2.00 U	297.00	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702115	05/06/97	Sweet Run	2.00 U	3.13	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702815	05/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703058	06/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703407	06/23/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703786	07/09/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602643	08/03/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602814	08/14/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603043	08/27/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603193	09/08/96	Sweet Run	2.00 U	5.37	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603290	09/20/96	Sweet Run	2.00 U	28.20	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603484	10/02/96	Sweet Run	2.00 U	28.90	2.76	2.00 U	2.00 U	2.00 U	2.00 U
9603659	10/14/96	Sweet Run	2.00 U	12.70	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603873	10/26/96	Sweet Run	2.00 U	3.31	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604227	11/07/96	Sweet Run	2.00 U	7.39	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604624	12/02/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604742	12/13/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700045	01/06/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700114	01/18/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700226	01/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700346	02/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700476	02/23/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700866	03/20/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701155	04/03/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701369	04/10/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701858	04/25/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702115	05/06/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.47
9702815	05/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.33
9703058	06/11/97	Sweet Run	2.00 U	2.00 U	3.67	2.00 U	2.00 U	2.00 U	8.33
9703407	06/23/97	Sweet Run	2.00 U	2.00 U	2.80	2.00 U	2.00 U	2.00 U	15.30
9703786	07/09/97	Sweet Run	2.00 U	2.00 U	3.07	2.00 U	2.00 U	2.00 U	10.10

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602643	08/03/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9602814	08/14/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603043	08/27/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603193	09/08/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603290	09/20/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603484	10/02/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603659	10/14/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603873	10/26/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604227	11/07/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604624	12/02/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604742	12/13/96	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700045	01/06/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700114	01/18/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700226	01/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700346	02/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700476	02/23/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700866	03/20/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701155	04/03/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701369	04/10/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701858	04/25/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702115	05/06/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702815	05/30/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703058	06/11/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703407	06/23/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703786	07/09/97	Sweet Run	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602643	08/03/96	Sweet Run	2.00 U	2.00 U	2.00 U
9602814	08/14/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603043	08/27/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603193	09/08/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603290	09/20/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603484	10/02/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603659	10/14/96	Sweet Run	2.00 U	2.00 U	2.00 U
9603873	10/26/96	Sweet Run	2.00 U	2.00 U	2.00 U
9604227	11/07/96	Sweet Run	2.00 U	2.00 U	2.00 U
9604624	12/02/96	Sweet Run	2.00 U	2.00 U	2.00 U
9604742	12/13/96	Sweet Run	2.00 U	2.00 U	2.00 U
9700045	01/06/97	Sweet Run	2.00 U	2.00 U	2.00 U
9700114	01/18/97	Sweet Run	2.00 U	2.00 U	2.00 U
9700226	01/30/97	Sweet Run	2.00 U	2.00 U	2.00 U
9700346	02/11/97	Sweet Run	2.00 U	2.00 U	2.00 U
9700476	02/23/97	Sweet Run	2.00 U	2.00 U	2.00 U
9700866	03/20/97	Sweet Run	2.00 U	2.00 U	2.00 U
9701155	04/03/97	Sweet Run	2.00 U	2.00 U	2.00 U
9701369	04/10/97	Sweet Run	2.00 U	2.00 U	2.00 U
9701858	04/25/97	Sweet Run	2.00 U	2.00 U	2.00 U
9702115	05/06/97	Sweet Run	2.00 U	2.00 U	2.00 U
9702815	05/30/97	Sweet Run	2.00 U	2.00 U	2.00 U
9703058	06/11/97	Sweet Run	2.00 U	2.00 U	2.00 U
9703407	06/23/97	Sweet Run	2.00 U	2.00 U	2.00 U
9703786	07/09/97	Sweet Run	2.00 U	2.00 U	2.00 U

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Dichlorodifluoromethane	Trichlorofluoromethane	Carbon Disulfide	1,1,1-Trichloroethane	Benzene	Toluene	1,3-Xylene & 1,4-Xylene
9602644	08/03/96	Webbville, Kentucky	7.62	2.00 U	3.61	2.00 U	2.00 U	2.00 U	2.00 U
9603040	08/27/96	Webbville, Kentucky	8.94	2.00 U	3.59	2.00 U	2.00 U	2.00 U	2.00 U
9603194	09/08/96	Webbville, Kentucky	8.07	2.00 U	2.43	2.00 U	2.00 U	2.00 U	2.00 U
9603284	09/20/96	Webbville, Kentucky	8.00	2.00 U	4.21	2.00 U	2.00 U	2.00 U	2.00 U
9603483	10/02/96	Webbville, Kentucky	10.30	2.34	5.83	2.00 U	2.00 U	2.00 U	2.00 U
9603868	10/26/96	Webbville, Kentucky	6.35	2.00 U	4.80	2.00 U	2.00 U	2.00 U	2.00 U
9604226	11/07/96	Webbville, Kentucky	5.24	2.00 U	8.45	2.00 U	2.00 U	2.00 U	2.00 U
9604542	11/20/96	Webbville, Kentucky	5.92	2.34	6.67	2.00 U	2.00 U	2.00 U	2.00 U
9604618	12/02/96	Webbville, Kentucky	5.60	2.00 U	2.25	2.00 U	2.00 U	2.00 U	2.00 U
9604741	12/13/96	Webbville, Kentucky	5.53	2.00 U	2.40	2.00 U	2.23	3.58	2.00 U
9700047	01/06/97	Webbville, Kentucky	14.40	2.00 U	3.87	2.00 U	2.00 U	2.00 U	2.00 U
9700228	01/30/97	Webbville, Kentucky	13.40	2.00 U	3.46	2.00 U	2.00 U	2.00 U	2.00 U
9700348	02/11/97	Webbville, Kentucky	2.00 U	2.00 U	4.03	2.00 U	2.00 U	2.00 U	2.00 U
9700479	02/23/97	Webbville, Kentucky	2.00 U	2.00 U	4.03	2.00 U	2.00 U	2.00 U	2.00 U
9700575	03/08/97	Webbville, Kentucky	2.00 U	2.00 U	4.01	2.00 U	2.00 U	2.00 U	2.00 U
9700870	03/20/97	Webbville, Kentucky	2.00 U	2.00 U	4.84	2.00 U	2.00 U	2.00 U	2.00 U
9701158	04/03/97	Webbville, Kentucky	2.00 U	2.00 U	3.49	2.00 U	2.00 U	2.00 U	2.00 U
9701371	04/10/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701861	04/25/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702108	05/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702821	05/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.85	2.00 U	2.00 U	2.00 U	2.00 U
9703062	06/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.49	2.00 U	2.00 U	2.00 U	2.00 U
9703410	06/23/97	Webbville, Kentucky	2.00 U	2.00 U	5.90	2.00 U	2.00 U	2.00 U	2.00 U
9703783	07/09/97	Webbville, Kentucky	2.00 U	2.00 U	2.83	2.00 U	2.00 U	2.00 U	2.00 U
9701854	04/24/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703788	07/10/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604545	11/21/96	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
* Collected to test air instrumentation workshop area									

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Chloromethane	Dichloromethane	1,2,4-Trichlorobenzene	Naphthalene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	Ethylbenzene
9602644	08/03/96	Webbville, Kentucky	4.08	8.30	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603040	08/27/96	Webbville, Kentucky	3.06	6.44	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603194	09/08/96	Webbville, Kentucky	2.00 U	2.34	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603284	09/20/96	Webbville, Kentucky	2.00 U	5.25	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603483	10/02/96	Webbville, Kentucky	4.10	17.90	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603868	10/26/96	Webbville, Kentucky	2.52	2.22	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604226	11/07/96	Webbville, Kentucky	2.70	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604542	11/20/96	Webbville, Kentucky	4.18	23.60	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604618	12/02/96	Webbville, Kentucky	2.44	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604741	12/13/96	Webbville, Kentucky	2.52	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700047	01/06/97	Webbville, Kentucky	2.00 U	3.29	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700228	01/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700348	02/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700479	02/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700575	03/08/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700870	03/20/97	Webbville, Kentucky	2.00 U	5.93	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701158	04/03/97	Webbville, Kentucky	2.00 U	6.92	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701371	04/10/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701861	04/25/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702108	05/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702821	05/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703062	06/11/97	Webbville, Kentucky	2.00 U	4.12	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703410	06/23/97	Webbville, Kentucky	2.00 U	4.27	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703783	07/09/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
					2.00 U		2.00 U		
9701854	04/24/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703788	07/10/97	System Check Sample*	7	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604545	11/21/96	System Check Sample*	2.9	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
* Collected to test air instrumentation workshop area									

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	1,2-Xylene	Isopropyltoluene(Cymene)	Styrene	Bromomethane	1,3,5-Trimethylbenzene	Chlorobenzene	Isopropylbenzene(Cumene)
9602644	08/03/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603040	08/27/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603194	09/08/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603284	09/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603483	10/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603868	10/26/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604226	11/07/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604542	11/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604618	12/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604741	12/13/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700047	01/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700228	01/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700348	02/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700479	02/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700575	03/08/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700870	03/20/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701158	04/03/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	4.95	2.00 U	2.00 U	2.00 U
9701371	04/10/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701861	04/25/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702108	05/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702821	05/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703062	06/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703410	06/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703783	07/09/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701854	04/24/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703788	07/10/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604545	11/21/96	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
* Collected to test air instrumentation workshop area									

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	Tetrachloroethene	1,3-Hexadien-5-yne	4-Methyl-2-pentene	1-Methylcyclopentene	Bromoform	2,3-Dimethylpentane
9602644	08/03/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603040	08/27/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603194	09/08/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603284	09/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603483	10/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9603868	10/26/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604226	11/07/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604542	11/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604618	12/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604741	12/13/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700047	01/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700228	01/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700348	02/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700479	02/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700575	03/08/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9700870	03/20/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701158	04/03/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701371	04/10/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701861	04/25/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702108	05/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9702821	05/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703062	06/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703410	06/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703783	07/09/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9701854	04/24/97	System Check Sample*	15	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9703788	07/10/97	System Check Sample*	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
9604545	11/21/96	System Check Sample*	13.1	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
* Collected to test air instrumentation workshop area								

Volatile Organic Compounds Data
(ug/m^3)
Summa

Sample Number	Collection Date	Sample Description	2,2,4,4-Tetramethylpentane	2,3,4-Trimethypentane	1,3,5-Cycloheptatriene
9602644	08/03/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9603040	08/27/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9603194	09/08/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9603284	09/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9603483	10/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9603868	10/26/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9604226	11/07/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9604542	11/20/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9604618	12/02/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9604741	12/13/96	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700047	01/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700228	01/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700348	02/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700479	02/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700575	03/08/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9700870	03/20/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9701158	04/03/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9701371	04/10/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9701861	04/25/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9702108	05/06/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9702821	05/30/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9703062	06/11/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9703410	06/23/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9703783	07/09/97	Webbville, Kentucky	2.00 U	2.00 U	2.00 U
9701854	04/24/97	System Check Sample*	2.00 U	2.00 U	2.00 U
9703788	07/10/97	System Check Sample*	2.00 U	2.00 U	2.00 U
9604545	11/21/96	System Check Sample*	2.00 U	2.00 U	2.00 U
* Collected to test air instrumentation workshop area					

PUF SAMPLERS
SEMIVOLATILE ORGANIC DATA

TRI-STATE DATA FILES

All data presented in this Appendix have been data validated.

PUF Samplers (Semivolatile Organic Compounds)

1. The data set contains the qualifier U. These data qualifiers indicate that the data are qualified as "Not Detected".

2. Empty cells indicate that no data were available for that sample or analyte.

Kentucky Division of Environmental Services - Data Quality Flags

Qualifier	Meaning
A	Average Value
B	Analyte Found In Blank
C	Confirmed by GC/MS
F	No Field Blank
G	Tentative on GC/MS
I	Improper Container
J	Estimated Value
L	Exceeds Drinking Water MCL
M	Instrument Failure
N	Presumptive Identification
P	Improper Preservative
Q	QC Limits Exceeded
R	Insufficient Resources
S	Insufficient Sample
T	Exceeded Holding Time
U	Analyte Not Detected
Z	Laboratory Accident

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,I)Perylene	Bnz(g,h,I)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
	06/18/96		**blank**	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
061	07/11/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
061	07/23/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
055	08/03/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
061	08/14/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
049	08/27/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
060	09/08/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
055	09/20/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
048	10/02/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
068	10/14/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
041	10/26/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
040	11/07/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
052	11/20/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
066	12/02/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
040	12/11/96		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
065	01/06/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
059	01/18/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
062	01/30/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
056	02/11/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
066	02/23/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
057	03/08/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
055	03/20/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
032	04/03/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
048	04/10/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
068	04/25/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
056	05/06/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
032	05/18/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
062	05/30/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
047	06/11/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
052	06/23/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
044	07/09/97		**blank**	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
	06/18/96		**blank**	5.00	U	5.00	U	5.00
061	07/11/96		**blank**	0.50	U	0.50	U	0.50
061	07/23/96		**blank**	0.50	U	0.50	U	0.50
055	08/03/96		**blank**	0.50	U	0.50	U	0.50
061	08/14/96		**blank**	0.50	U	0.50	U	0.50
049	08/27/96		**blank**	0.50	U	0.50	U	0.50
060	09/08/96		**blank**	0.50	U	0.50	U	0.50
055	09/20/96		**blank**	0.50	U	0.50	U	0.50
048	10/02/96		**blank**	0.50	U	0.50	U	0.50
068	10/14/96		**blank**	0.50	U	0.50	U	0.50
041	10/26/96		**blank**	0.50	U	0.50	U	0.50
040	11/07/96		**blank**	0.50	U	0.50	U	0.50
052	11/20/96		**blank**	0.50	U	0.50	U	0.50
066	12/02/96		**blank**	0.50	U	0.50	U	0.50
040	12/11/96		**blank**	0.50	U	0.50	U	0.50
065	01/06/97		**blank**	0.50	U	0.50	U	0.50
059	01/18/97		**blank**	0.50	U	0.50	U	0.50
062	01/30/97		**blank**	0.50	U	0.50	U	0.50
056	02/11/97		**blank**	0.50	U	0.50	U	0.50
066	02/23/97		**blank**	0.50	U	0.50	U	0.50
057	03/08/97		**blank**	0.50	U	0.50	U	0.50
055	03/20/97		**blank**	0.50	U	0.50	U	0.50
032	04/03/97		**blank**	0.50	U	0.50	U	0.50
048	04/10/97		**blank**	0.50	U	0.50	U	0.50
068	04/25/97		**blank**	0.50	U	0.50	U	0.50
056	05/06/97		**blank**	0.50	U	0.50	U	0.50
032	05/18/97		**blank**	0.50	U	0.50	U	0.50
062	05/30/97		**blank**	0.50	U	0.50	U	0.50
047	06/11/97		**blank**	0.50	U	0.50	U	0.50
052	06/23/97		**blank**	0.50	U	0.50	U	0.50
044	07/09/97		**blank**	0.50	U	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,i)Perylene	Bnz(g,h,i)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
09-059	06/18/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-062	07/11/96	**void**	Centennial Drive																										
09-057	07/23/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-060	08/03/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-033	08/14/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-069	08/27/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-053	09/08/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-047	09/20/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-067	10/02/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-045	10/14/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-051	10/26/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-044	11/07/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-061	11/20/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-054	12/02/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-049	12/13/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-067	01/06/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-055	01/18/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-035	01/30/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-048	02/11/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-068	02/23/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-053	03/08/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-034	03/20/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-062	04/03/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-057	04/10/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-058	04/25/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-054	05/06/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-033	05/18/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-049	05/30/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-051	06/11/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-059	06/23/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
09-054	07/09/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
09-059	06/18/96	24:00	Centennial Drive	0.20	J	0.50	U	0.50
09-062	07/11/96	**void**	Centennial Drive					
09-057	07/23/96	24:00	Centennial Drive	0.50		0.50	U	0.50
09-060	08/03/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-033	08/14/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-069	08/27/96	24:00	Centennial Drive	1.20		0.50	U	0.50
09-053	09/08/96	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-047	09/20/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-067	10/02/96	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-045	10/14/96	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-051	10/26/96	24:00	Centennial Drive	0.20	J	0.50	U	0.50
09-044	11/07/96	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-061	11/20/96	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-054	12/02/96	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-049	12/13/96	24:00	Centennial Drive	1.30		0.50	U	0.50
09-067	01/06/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-055	01/18/97	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-035	01/30/97	24:00	Centennial Drive	1.50		0.50	U	0.50
09-048	02/11/97	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-068	02/23/97	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-053	03/08/97	24:00	Centennial Drive	0.20	J	0.50	U	0.50
09-034	03/20/97	24:00	Centennial Drive	0.50	U	0.50	U	0.50
09-062	04/03/97	24:00	Centennial Drive	0.40	J	0.50	U	0.50
09-057	04/10/97	24:00	Centennial Drive	0.30	J	0.50	U	0.50
09-058	04/25/97	24:00	Centennial Drive	0.40	J	0.50	U	0.50
09-054	05/06/97	24:00	Centennial Drive	0.30	J	0.50	U	0.50
09-033	05/18/97	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-049	05/30/97	24:00	Centennial Drive	0.10	J	0.50	U	0.50
09-051	06/11/97	24:00	Centennial Drive	0.20	J	0.50	U	0.50
09-059	06/23/97	24:00	Centennial Drive	0.50		0.50	U	0.50
09-054	07/09/97	24:00	Centennial Drive	0.20	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,i)Perylene	Bnz(g,h,i)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
08-057	06/18/96	24:00	Corn Duplicate	0.15	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J	0.50	U
08-066	07/11/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-054	07/23/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-067	08/03/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-047	08/14/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-068	08/27/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-051	09/08/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-044	09/20/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-056	10/02/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-036	10/14/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-058	10/26/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-049	11/07/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-068	11/20/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-055	12/02/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-047	12/13/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-068	01/06/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-050	01/18/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-034	01/30/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-064	02/11/97	24:00	Corn Duplicate	0.5	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-065	02/23/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
FLOOD	03/08/97	**void**	Corn Duplicate																										
FLOOD	03/20/97	**void**	Corn Duplicate																										
07-033	04/03/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-066	04/10/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-045	04/25/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-041	05/06/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-044	05/18/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-060	05/30/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-063	06/11/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-056	06/23/97	24:00	Corn Duplicate	0.10	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J	0.50	U
07-041	07/09/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
08-057	06/18/96	24:00	Corn Duplicate	0.30	J	0.50	U	0.50
08-066	07/11/96	24:00	Corn Duplicate	0.50	U	0.20	J	0.50
07-054	07/23/96	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-067	08/03/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50
07-047	08/14/96	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-068	08/27/96	24:00	Corn Duplicate	1.20		0.10	J	0.50
07-051	09/08/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-044	09/20/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-056	10/02/96	24:00	Corn Duplicate	0.50	U	0.50	U	0.50
07-036	10/14/96	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-058	10/26/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-049	11/07/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-068	11/20/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-055	12/02/96	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-047	12/13/96	24:00	Corn Duplicate	0.60		0.50	U	0.50
07-068	01/06/97	24:00	Corn Duplicate	0.50	U	0.50	U	0.50
07-050	01/18/97	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-034	01/30/97	24:00	Corn Duplicate	0.90		0.50	U	0.50
07-064	02/11/97	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-065	02/23/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
FLOOD	03/08/97	**void**	Corn Duplicate					
FLOOD	03/20/97	**void**	Corn Duplicate					
07-033	04/03/97	24:00	Corn Duplicate	0.30	J	0.50	U	0.50
07-066	04/10/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-045	04/25/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-041	05/06/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-044	05/18/97	24:00	Corn Duplicate	0.10	J	0.50	U	0.50
07-060	05/30/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-063	06/11/97	24:00	Corn Duplicate	0.20	J	0.50	U	0.50
07-056	06/23/97	24:00	Corn Duplicate	0.80		0.10	J	0.50
07-041	07/09/97	24:00	Corn Duplicate	0.10	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,I)Perylene	Bnz(g,h,I)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
07-052	06/18/96	24:00	Corn Original	0.20	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
07-064	07/11/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-052	07/23/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-065	08/03/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-046	08/14/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-063	08/27/96	24:00	Corn Original	0.10	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-054	09/08/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-064	09/20/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-063	10/02/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-062	10/14/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-059	10/26/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-064	11/07/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-060	11/20/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-058	12/02/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-044	12/13/96	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-045	01/06/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-053	01/18/97	**void**	Corn Original																										
08-039	01/30/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-049	02/11/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-061	02/23/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
FLOOD	03/08/97	**void**	Corn Original																										
FLOOD	03/20/97	**void**	Corn Original																										
08-046	04/03/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-060	04/10/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-061	04/25/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-034	05/06/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-040	05/18/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-057	05/30/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-061	06/11/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-062	06/23/97	24:00	Corn Original	0.50		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
08-069	07/09/97	24:00	Corn Original	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
07-052	06/18/96	24:00	Corn Original	0.30		0.50	U	0.50
07-064	07/11/96	24:00	Corn Original	0.50	U	0.50	U	0.50
08-052	07/23/96	24:00	Corn Original	0.60		0.50	U	0.50
08-065	08/03/96	24:00	Corn Original	0.50	U	0.50	U	0.50
08-046	08/14/96	24:00	Corn Original	0.20	J	0.50	U	0.50
08-063	08/27/96	24:00	Corn Original	1.40		0.10	J	0.50
08-054	09/08/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-064	09/20/96	24:00	Corn Original	0.50	U	0.50	U	0.50
08-063	10/02/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-062	10/14/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-059	10/26/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-064	11/07/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-060	11/20/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-058	12/02/96	24:00	Corn Original	0.10	J	0.50	U	0.50
08-044	12/13/96	24:00	Corn Original	0.50		0.50	U	0.50
08-045	01/06/97	24:00	Corn Original	0.50	U	0.50	U	0.50
08-053	01/18/97	**void**	Corn Original					
08-039	01/30/97	24:00	Corn Original	1.10		0.50	U	0.50
08-049	02/11/97	24:00	Corn Original	0.50	U	0.50	U	0.50
08-061	02/23/97	24:00	Corn Original	0.20	J	0.50	U	0.50
FLOOD	03/08/97	**void**	Corn Original					
FLOOD	03/20/97	**void**	Corn Original					
08-046	04/03/97	24:00	Corn Original	0.50		0.50	U	0.50
08-060	04/10/97	24:00	Corn Original	0.20	J	0.50	U	0.50
08-061	04/25/97	24:00	Corn Original	0.20	J	0.50	U	0.50
08-034	05/06/97	24:00	Corn Original	0.40	J	0.50	U	0.50
08-040	05/18/97	24:00	Corn Original	0.10	J	0.50	U	0.50
08-057	05/30/97	24:00	Corn Original	0.20	J	0.20	J	0.50
08-061	06/11/97	24:00	Corn Original	0.30	J	0.50	U	0.50
08-062	06/23/97	24:00	Corn Original	0.50	U	0.50	U	0.50
08-069	07/09/97	24:00	Corn Original	0.20	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,I)Perylene	Bnz(g,h,I)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
16-050	06/18/96	24:00	Kenova Fire Station	0.16	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J	0.50	U
16-068	07/11/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.20	J	0.50	U	0.50	U
16-050	07/23/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-016	08/03/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-001	08/14/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-065	08/27/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-059	09/08/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-001	09/20/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-065	10/02/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-032	10/14/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-055	10/26/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-047	11/07/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-065	11/20/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-057	12/02/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-001	12/13/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-061	01/06/97	**void**	Kenova Fire Station																										
16-058	01/18/97	**void**	Kenova Fire Station																										
16-036	01/30/97	**void**	Kenova Fire Station																										
16-001	02/11/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
15-067	02/23/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-047	03/08/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-035	03/20/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-056	04/03/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-031	04/10/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-053	04/25/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-039	05/06/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-046	05/18/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-052	05/30/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-058	06/11/97	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
16-064	06/23/97	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J	0.50	U
16-067	07/09/97	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
16-050	06/18/96	24:00	Kenova Fire Station	0.50		0.10	J	0.50
16-068	07/11/96	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-050	07/23/96	24:00	Kenova Fire Station	1.30		0.50	U	0.50
16-016	08/03/96	24:00	Kenova Fire Station	0.50	U	0.50	U	0.50
16-001	08/14/96	24:00	Kenova Fire Station	0.20	J	0.10	J	0.50
16-065	08/27/96	24:00	Kenova Fire Station	1.80		0.10	J	0.50
16-059	09/08/96	24:00	Kenova Fire Station	0.30	J	0.50	U	0.50
16-001	09/20/96	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-065	10/02/96	24:00	Kenova Fire Station	0.20	J	0.10	J	0.50
16-032	10/14/96	24:00	Kenova Fire Station	0.50		0.50	U	0.50
16-055	10/26/96	24:00	Kenova Fire Station	0.10	J	0.10	J	0.50
16-047	11/07/96	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-065	11/20/96	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-057	12/02/96	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-001	12/13/96	24:00	Kenova Fire Station	0.70		0.50	U	0.50
16-061	01/06/97	**void**	Kenova Fire Station					
16-058	01/18/97	**void**	Kenova Fire Station					
16-036	01/30/97	**void**	Kenova Fire Station					
16-001	02/11/97	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
15-067	02/23/97	24:00	Kenova Fire Station	0.40	J	0.50	U	0.50
16-047	03/08/97	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-035	03/20/97	24:00	Kenova Fire Station	0.50		0.50	U	0.50
16-056	04/03/97	24:00	Kenova Fire Station	0.50		0.50	U	0.50
16-031	04/10/97	24:00	Kenova Fire Station	0.20	J	0.50	U	0.50
16-053	04/25/97	24:00	Kenova Fire Station	0.30	J	0.50	U	0.50
16-039	05/06/97	24:00	Kenova Fire Station	0.40	J	0.50	U	0.50
16-046	05/18/97	24:00	Kenova Fire Station	0.10	J	0.50	U	0.50
16-052	05/30/97	24:00	Kenova Fire Station	0.30	J	0.50	U	0.50
16-058	06/11/97	24:00	Kenova Fire Station	0.40	J	0.50	U	0.50
16-064	06/23/97	24:00	Kenova Fire Station	1.40		0.10	J	0.50
16-067	07/09/97	24:00	Kenova Fire Station	0.40	J	0.10	J	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,i)Perylene	Bnz(g,h,i)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
6878-054	06/18/96	24:00	Kenova Water Works	0.20	J	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.10	J	0.50	U
13-067	07/11/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-058	07/23/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-056	08/03/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-048	08/14/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-061	08/27/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-058	09/08/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-048	09/20/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-060	10/02/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-035	10/14/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-057	10/26/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-001	11/07/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-063	11/20/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-053	12/02/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-033	12/13/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-066	01/06/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-040	01/18/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-041	01/30/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-044	02/11/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-038	02/23/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-040	03/08/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-041	03/20/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-049	04/03/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-040	04/10/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-051	04/25/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-055	05/06/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-036	05/18/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-056	05/30/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-053	06/11/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-066	06/23/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
13-055	07/09/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
6878-054	06/18/96	24:00	Kenova Water Works	0.20	J	0.50	U	0.50
13-067	07/11/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-058	07/23/96	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-056	08/03/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-048	08/14/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-061	08/27/96	24:00	Kenova Water Works	0.20	J	0.50	U	0.50
13-058	09/08/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-048	09/20/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-060	10/02/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-035	10/14/96	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-057	10/26/96	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-001	11/07/96	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-063	11/20/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-053	12/02/96	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-033	12/13/96	24:00	Kenova Water Works	0.50		0.50	U	0.50
13-066	01/06/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-040	01/18/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-041	01/30/97	24:00	Kenova Water Works	0.40	J	0.50	U	0.50
13-044	02/11/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-038	02/23/97	24:00	Kenova Water Works	0.20	J	0.50	U	0.50
13-040	03/08/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-041	03/20/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-049	04/03/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-040	04/10/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-051	04/25/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-055	05/06/97	24:00	Kenova Water Works	0.10	J	0.50	U	0.50
13-036	05/18/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-056	05/30/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-053	06/11/97	24:00	Kenova Water Works	0.50	U	0.50	U	0.50
13-066	06/23/97	24:00	Kenova Water Works	0.20	J	0.50	U	0.50
13-055	07/09/97	24:00	Kenova Water Works	0.20	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,i)Perylene	Bnz(g,h,i)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
015876-051	06/18/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-069	07/11/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-051	07/23/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-066	08/03/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-038	08/14/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-067	08/27/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-057	09/08/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-033	09/20/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-066	10/02/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-034	10/14/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-050	10/26/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-048	11/07/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-067	11/20/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-050	12/02/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-046	12/13/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-038	01/06/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-051	01/18/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-032	01/30/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-046	02/11/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-045	02/23/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-051	03/08/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-039	03/20/97	**void**	Lockwood Estates																										
02-059	04/03/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-044	04/10/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-050	04/25/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-035	05/06/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-048	05/18/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-066	05/30/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-050	06/11/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-060	06/23/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-046	07/09/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
015876-051	06/18/96	24:00	Lockwood Estates	0.11	J	0.50	U	0.50
02-069	07/11/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-051	07/23/96	24:00	Lockwood Estates	0.20	J	0.50	U	0.50
02-066	08/03/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-038	08/14/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-067	08/27/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-057	09/08/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-033	09/20/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-066	10/02/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-034	10/14/96	24:00	Lockwood Estates	0.20	J	0.50	U	0.50
02-050	10/26/96	24:00	Lockwood Estates	0.10	J	0.50	U	0.50
02-048	11/07/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-067	11/20/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-050	12/02/96	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-046	12/13/96	24:00	Lockwood Estates	0.20	J	0.50	U	0.50
02-038	01/06/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-051	01/18/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-032	01/30/97	24:00	Lockwood Estates	0.30	J	0.50	U	0.50
02-046	02/11/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-045	02/23/97	24:00	Lockwood Estates	0.10	J	0.50	U	0.50
02-051	03/08/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-039	03/20/97	**void**	Lockwood Estates					
02-059	04/03/97	24:00	Lockwood Estates	0.10	J	0.50	U	0.50
02-044	04/10/97	24:00	Lockwood Estates	0.10	J	0.50	U	0.50
02-050	04/25/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-035	05/06/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
17-048	05/18/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-066	05/30/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-050	06/11/97	24:00	Lockwood Estates	0.50	U	0.50	U	0.50
02-060	06/23/97	24:00	Lockwood Estates	0.20	J	0.50	U	0.50
02-046	07/09/97	24:00	Lockwood Estates	0.10	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,I)Perylene	Bnz(g,h,I)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
	6/18/96		**spike**	55.00		5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U	5.00	U
15-058	06/18/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
15-065	07/11/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-053	07/23/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-068	08/03/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-064	08/14/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-056	08/27/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-050	09/08/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-038	09/20/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-061	10/02/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-039	10/14/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-053	10/26/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-033	11/07/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-045	11/20/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-005	12/02/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-048	12/13/96	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-063	01/06/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-057	01/18/97	24:00	Sweet Run	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
17-069	01/30/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-031	02/11/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-063	02/23/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-058	03/08/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-069	03/20/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-036	04/03/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-038	04/10/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-047	04/25/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-069	05/06/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
02-038	05/18/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-059	05/30/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-068	06/11/97	**void**	Sweet Run																										
15-057	06/23/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
17-048	07/09/97	24:00	Sweet Run	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
	6/18/96		**spike**	5.00	U	5.00	U	50.00
15-058	06/18/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
15-065	07/11/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-053	07/23/96	24:00	Sweet Run	0.40	J	0.50	U	0.50
17-068	08/03/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-064	08/14/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-056	08/27/96	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-050	09/08/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-038	09/20/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-061	10/02/96	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-039	10/14/96	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-053	10/26/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-033	11/07/96	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-045	11/20/96	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-005	12/02/96	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-048	12/13/96	24:00	Sweet Run	0.60		0.50	U	0.50
17-063	01/06/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-057	01/18/97	24:00	Sweet Run	0.2	J	0.5	U	0.5
17-069	01/30/97	24:00	Sweet Run	1.00		0.50	U	0.50
17-031	02/11/97	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-063	02/23/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-058	03/08/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-069	03/20/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-036	04/03/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-038	04/10/97	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-047	04/25/97	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-069	05/06/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
02-038	05/18/97	24:00	Sweet Run	0.50	U	0.50	U	0.50
17-059	05/30/97	24:00	Sweet Run	0.10	J	0.50	U	0.50
17-068	06/11/97	**void**	Sweet Run					
15-057	06/23/97	24:00	Sweet Run	0.20	J	0.50	U	0.50
17-048	07/09/97	24:00	Sweet Run	0.10	J	0.50	U	0.50

Semivolatile Organic Compounds Data
(ug/m^3)
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Sample Number	Sample Date	Sample Time	Sample Description	Acenaphthene	Acnphthe Qual	Acenaphthylene	Acnphthy Qual	Anthracene	Anthrc Qual	Benzo(a)Anthracene	Bnz(a)Anthrc Qual	Benzo(a)Pyrene	Bnz(a)Pyr Qual	Benzo(b)Fluoranthene	Bnz(b)Fl Qual	Benzo(g,h,I)Perylene	Bnz(g,h,I)Pry Qual	Benzo(k)Fluoranthene	Bnz(k)Fl Qual	Chrysene	Chry Qual	Dibenz(a,h)Anthracene	Dbnz(a,h)Anthc Qual	Fluoranthene	Flranth Qual	Fluorene	Flrene Qual	Indeno(1,2,3-CD)Pyrene	Ind(,,-CD)Pyr Qual
06-053	06/18/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-063	07/11/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-059	07/23/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-069	08/03/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-044	08/14/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-066	08/27/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-052	09/08/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-046	09/20/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-069	10/02/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-031	10/14/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-054	10/26/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-046	11/07/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-038	11/20/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-059	12/02/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-064	12/13/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-060	01/06/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-054	01/18/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-036	01/30/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-030	02/11/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-060	02/23/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-050	03/08/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-054	03/20/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-052	04/03/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-064	04/10/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-063	04/25/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-067	05/06/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-031	05/18/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-064	05/30/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-045	06/11/97	**void**	Webbville, Kentucky																										
06-049	06/23/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
06-068	07/09/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50	U			0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Semivolatile Organic Compounds Data
(ug/m^3)
PUF

Sample Number	Sample Date	Sample Time	Sample Description	Naphthalene	Naphth Qual	Phenanthrene	Phenanth Qual	Pyrene
06-053	06/18/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-063	07/11/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-059	07/23/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-069	08/03/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-044	08/14/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-066	08/27/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-052	09/08/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-046	09/20/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-069	10/02/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-031	10/14/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-054	10/26/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-046	11/07/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-038	11/20/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-059	12/02/96	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-064	12/13/96	24:00	Webbville, Kentucky	0.10	J	0.50	U	0.50
06-060	01/06/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-054	01/18/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-036	01/30/97	24:00	Webbville, Kentucky	0.10	J	0.50	U	0.50
06-030	02/11/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-060	02/23/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-050	03/08/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-054	03/20/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-052	04/03/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-064	04/10/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-063	04/25/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-067	05/06/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-031	05/18/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-064	05/30/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-045	06/11/97	**void**	Webbville, Kentucky					
06-049	06/23/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50
06-068	07/09/97	24:00	Webbville, Kentucky	0.50	U	0.50	U	0.50

ANNULAR DENUDER SAMPLERS
ACIDIC AND BASIC GASES DATA

TRI-STATE DATA FILES

All data presented in this Appendix have been data validated.

Annular Denuder Samplers (Acidic and Basic Gases)

1. The data set contains the qualifier U. These data qualifiers indicate that the data are qualified as "Not Detected".

2. Sampling locations were not used consistently by the laboratory throughout the data reporting. Data from the Webbville, Kentucky sampling station were also labeled as Lawrence, Kentucky by the laboratory.

3. Nitrate particulate concentration was determined by ion chromatography. These techique provides the concentration of total nitrate, but does not provide quantitation of nitrite.

Kentucky Division of Environmental Services - Data Quality Flags

Qualifier	Meaning
A	Average Value
B	Analyte Found In Blank
C	Confirmed by GC/MS
F	No Field Blank
G	Tentative on GC/MS
I	Improper Container
J	Estimated Value
L	Exceeds Drinking Water MCL
M	Instrument Failure
N	Presumptive Identification
P	Improper Preservative
Q	QC Limits Exceeded
R	Insufficient Resources
S	Insufficient Sample
T	Exceeded Holding Time
U	Analyte Not Detected
Z	Laboratory Accident

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitric acid (gaseous)		Nitrous acid (gaseous)		Sulfur dioxide (gaseous)		Ammonia (gaseous)		Hydrochloric acid (gaseous)		Sulfate (particulate)	
9602638	08/03/96	Centennial Drive	0.421		0.263		6.13		2.41		1.1		6.19	
9603027	08/27/96	Centennial Drive	0.477		0.426		8.02		0.57		1.33		6.78	
9603201	09/08/96	Centennial Drive	0.181		0.195		29		0.216		2.34		9.11	
9603293	09/20/96	Centennial Drive	0.148		0.419		3.48		0.174		0.214		6.42	
9603486	10/02/96	Centennial Drive	0.389		0.246		3.41		0.258		0.006 U	U	1.63	
9603662	10/14/96	Centennial Drive	0.327		0.846		26.7		0.082		1.15		5.04	
9603882	10/26/96	Centennial Drive	0.005	U	0.514		1.68		0.25		0.006 U	U	1.83	
9604229	11/07/96	Centennial Drive	0.096		0.172		4.35		0.218		0.011		1.98	
9604531	11/20/96	Centennial Drive	0.104		0.246		3.79		0.242		0.125		1.99	
9604611	12/02/96	Centennial Drive	0.104		0.178		6.9		0.016 U	U	0.59		1.7	
9604755	12/13/96	Centennial Drive	0.002	U	0.35		6.26		0.056		0.007 U	U	2.5	
9700048	01/06/97	Centennial Drive	0.002	U	0.119		4.27		0.211		0.079		1.48	
9700121	01/18/97	Centennial Drive	0.249		0.172		9.01		0.021 U	U	0.042		0.563	
9700222	01/30/97	Centennial Drive	0.002	U	0.003	U	0.026 U	U	0.021 U	U	0.008 U	U	0.019 U	U
9700357	02/11/97	Centennial Drive	0.353		0.106		9.88		0.098		0.583		4.08	
9700481	02/23/97	Centennial Drive	0.115		0.111		7.73		0.116		0.167		1.77	
9700579	03/08/97	Centennial Drive	0.218		0.092		7.36		0.021 U	U	3.54		1.17	
9701161	04/03/97	Centennial Drive	0.202		0.434		6.53		0.275		0.244		1.04	
9701366	04/10/97	Centennial Drive	1		0.149		4.75		0.106		0.066		0.849	
9701866	04/25/97	Centennial Drive	0.16		0.172		1.65		0.141		0.137		2.57	
9702100	05/06/97	Centennial Drive	0.103		0.278		3.21		0.918		0.097		1.29	
9702418	05/18/97	Centennial Drive	0.157		0.229		14.8		0.221		1.23		1.81	
9702823	05/30/97	Centennial Drive	0.304		0.32		10.9		0.123		0.806		4.55	
9703065	06/11/97	Centennial Drive	0.066		0.354		1.89		0.534		0.042		2.55	
9703394	06/23/97	Centennial Drive	0.822		0.81		10.1		0.859		2.45		6.97	
9703775	07/09/97	Centennial Drive	0.089		0.3		9.51		0.225		0.419		4.09	
		MAX	**1**		**0.846**		**29**		**2.41**		**3.54**		**9.11**	
9602632	08/03/96	Corn Duplicate	0.495		0.11		4.06		0.206		1.24		5.79	
9602826	08/14/96	Corn Duplicate	0.199		0.254		7.96		0.306		2.01		7.78	
9603034	08/27/96	Corn Duplicate	0.322		0.262		5.15		0.521		0.644		6.39	
9603200	09/08/96	Corn Duplicate	0.171		0.164		8.6		0.194		1.12		7.22	
9603299	09/20/96	Corn Duplicate	0.135		0.3		2.75		0.011		0.348		7.36	
9603490	10/02/96	Corn Duplicate	0.005	U	0.277		6.56		0.22		0.035		1.72	
9603663	10/14/96	Corn Duplicate	0.207		0.479		35.2		0.027		0.58		8.68	
9603878	10/26/96	Corn Duplicate	0.005	U	0.294		1.52		0.183		0.042		1.66	
9604231	11/07/96	Corn Duplicate	0.051		0.279		7.44		0.109		0.493		4.2	
9604532	11/20/96	Corn Duplicate	0.086		0.205		3.01		0.301		0.106		2.62	
9604614	12/02/96	Corn Duplicate	0.145		0.295		4.5		0.016 U	U	0.347		1.47	
9604754	12/13/96	Corn Duplicate	0.082		0.282		6.54		0.046		0.007 U	U	2.79	
9700051	01/06/97	Corn Duplicate	0.11		0.099		3.58		0.199		0.151		1.52	
9700125	01/18/97	Corn Duplicate	0.187		0.172		7.92		0.021 U	U	0.133		0.448	
9700219	01/30/97	Corn Duplicate	0.121		0.839		17.6		0.048		0.222		3.51	
9700356	02/11/97	Corn Duplicate	0.303		0.11		7.68		0.026		1.01		3.73	
9700486	02/23/97	Corn Duplicate	0.002	U	0.148		4.66		0.163		1.46		2.14	
9701163	04/03/97	Corn Duplicate	0.133		0.415		7.05		0.118		0.453		1.16	
9701363	04/10/97	Corn Duplicate	1.02		0.08		3.81		0.016 U	U	2.03		1.06	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitrate (particulate)		Ammonia (particulate)		Hydronium ion	
9602638	08/03/96	Centennial Drive	0.095		1.29		0.213	
9603027	08/27/96	Centennial Drive	0.206		1.76		0.293	
9603201	09/08/96	Centennial Drive	0.049		2.25		0.25	
9603293	09/20/96	Centennial Drive	0.033		0.929		0.243	
9603486	10/02/96	Centennial Drive	0.032		0.34		0.388	
9603662	10/14/96	Centennial Drive	0.010 U	U	1.4		0.031	
9603882	10/26/96	Centennial Drive	0.010 U	U	0.657		0.221	
9604229	11/07/96	Centennial Drive	0.010 U	U	0.287		0.112	
9604531	11/20/96	Centennial Drive	0.679		0.884		0.035	
9604611	12/02/96	Centennial Drive	0.05		0.263		0.05	
9604755	12/13/96	Centennial Drive	0.188		0.756		0.142	
9700048	01/06/97	Centennial Drive	0.171		0.505		0.082	
9700121	01/18/97	Centennial Drive	0.102		0.025		0.097	
9700222	01/30/97	Centennial Drive	0.004 U	U	0.022 U	U	0.133	
9700357	02/11/97	Centennial Drive	0.082		0.803		0.22	
9700481	02/23/97	Centennial Drive	0.135		0.568		0.23	
9700579	03/08/97	Centennial Drive	0.004 U	U	0.045 U	U	0.144	
9701161	04/03/97	Centennial Drive	0.104		0.366		0.448	
9701366	04/10/97	Centennial Drive	0.232		0.396		0.448	
9701866	04/25/97	Centennial Drive	0.334		0.696		0.132	
9702100	05/06/97	Centennial Drive	0.085		0.374		0.074 U	
9702418	05/18/97	Centennial Drive	0.011 U	U	0.619		0.264	
9702823	05/30/97	Centennial Drive	0.077		0.971		0.176	
9703065	06/11/97	Centennial Drive	0.57		0.708		0.368	
9703394	06/23/97	Centennial Drive	0.304		1.33		0.369	
9703775	07/09/97	Centennial Drive	0.034		1.18		0.074 U	U
		MAX	**0.679**		**2.25**		**0.448**	
9602632	08/03/96	Corn Duplicate	0.086		1.01		0.209	
9602826	08/14/96	Corn Duplicate	0.049		1.67		3.26	
9603034	08/27/96	Corn Duplicate	0.128		1.62		0.296	
9603200	09/08/96	Corn Duplicate	0.021		1.44		0.253	
9603299	09/20/96	Corn Duplicate	0.264		0.856		0.246	
9603490	10/02/96	Corn Duplicate	0.010 U	U	0.379		0.393	
9603663	10/14/96	Corn Duplicate	0.099		1.38		0.031	
9603878	10/26/96	Corn Duplicate	0.133		0.423		0.223	
9604231	11/07/96	Corn Duplicate	0.056		0.257		0.113	
9604532	11/20/96	Corn Duplicate	0.807		0.963		0.035	
9604614	12/02/96	Corn Duplicate	0.047		0.284		0.051	
9604754	12/13/96	Corn Duplicate	0.104		0.656		0.144	
9700051	01/06/97	Corn Duplicate	0.139		0.584		0.083	
9700125	01/18/97	Corn Duplicate	0.116		0.025		0.098	
9700219	01/30/97	Corn Duplicate	0.224		1.01		0.134	
9700356	02/11/97	Corn Duplicate	0.089		0.728		0.222	
9700486	02/23/97	Corn Duplicate	0.07		0.599		0.233	
9701163	04/03/97	Corn Duplicate	0.113		0.376		0.453	
9701363	04/10/97	Corn Duplicate	0.369		0.434		0.453	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitric acid (gaseous)		Nitrous acid (gaseous)		Sulfur dioxide (gaseous)	Ammonia (gaseous)		Hydrochloric acid (gaseous)		Sulfate (particulate)
9702102	05/06/97	Corn Duplicate	0.139		0.094		10.1	0.15		0.138		1.4
9702417	05/18/97	Corn Duplicate	0.145		0.263		15.1	0.308		0.722		2
	05/30/97	Corn Duplicate	0.296		0.314		14	0.102		0.887		4.92
9703063	06/11/97	Corn Duplicate	0.116		0.326		2.28	0.66		0.333		2.93
9703397	06/23/97	Corn Duplicate	0.579		0.432		8.09	0.254		1.63		5.87
9703777	07/09/97	Corn Duplicate	0.103		0.329		7.27	0.277		0.604		4.49
9602639	08/03/96	Corn Original	0.547		0.092		4.79	0.156		1.07		6.06
9602824	08/14/96	Corn Original	0.339		0.301		7.98	0.329		3.47		8.18
9603033	08/27/96	Corn Original	0.367		0.254		5.37	0.566		0.674		6.23
9603199	09/08/96	Corn Original	0.485		0.143		8.81	0.068		0.91		7.52
9603298	09/20/96	Corn Original	0.14		0.33		2.28	0.016 U	U	0.426		17.4
9603489	10/02/96	Corn Original	0.049		0.29		6.3	0.128		0.194		1.73
9603664	10/14/96	Corn Original	0.263		0.495		14.2	0.025		0.574		6.47
9603877	10/26/96	Corn Original	0.005	U	0.255		0.051	0.092		0.006 U	U	0.852
9604233	11/07/96	Corn Original	0.005	U	0.337		8.43	0.152		0.362		2.57
9604533	11/20/96	Corn Original	0.171		0.2		3.34	0.242		0.176		2.2
9604613	12/02/96	Corn Original	0.092		0.174		2.86	0.016 U	U	0.194		1.52
9604753	12/13/96	Corn Original	0.047		0.281		6.2	0.016 U	U	0.007 U	U	2.48
9700050	01/06/97	Corn Original	0.087		0.123		3.9	0.187		0.365		1.5
9700124	01/18/97	Corn Original	0.163		0.198		8.2	0.021 U	U	0.178		0.442
9700220	01/30/97	Corn Original	0		1.03		15	0.021 U	U	0.13		3.07
9700355	02/11/97	Corn Original	0		0.105		9.68	0.01		1.06		0.422
9700485	02/23/97	Corn Original	0		0.188		5.71	0.098		0.206		1.8
9701165	04/03/97	Corn Original	0		0.42		5.66	0.016 U	U	0.529		0.751
9701364	04/10/97	Corn Original	1		0.072		5.76	0.023		8.17		0.858
9701868	04/25/97	Corn Original	0		0.185		1.6	0.114		0.993		2.65
9702104	05/06/97	Corn Original	0		0.133		7.48	0.185		1.04		0.367
9702415	05/18/97	Corn Original	0		0.236		13.1	0.334		0.614		1.86
9702828	05/30/97	Corn Original	0		0.275		12.3	0.113		0.915		4.68
9703064	06/11/97	Corn Original	0		0.269		2.15	0.285		0.366		2.57
9703396	06/23/97	Corn Original	1		0.467		7.71	0.847		1.5		6.05
9703780	07/09/97	Corn Original	0		0.321		6.51	0.348		0.937		3.88
		MAX	**1.02**		**1.03**		**35.2**	**0.847**		**8.17**		**17.4**
9602637	08/03/96	Kenova Fire Station	0.656		0.278		6.28	0.504		1.18		6.15
9602820	08/14/96	Kenova Fire Station	0.399		0.163		8.32	0.321		6.73		7.8
9603030	08/27/96	Kenova Fire Station	0.516		0.354		5.84	0.316		1.1		5.74
9603196	09/08/96	Kenova Fire Station	0.161		0.189		6.35	0.196		1.55		6.91
9603296	09/20/96	Kenova Fire Station	0.182		0.427		2.47	0.109		0.179		11.9
9603485	10/02/96	Kenova Fire Station	0.005	U	0.324		2.38	0.427		0.006 U	U	1.62
9603660	10/14/96	Kenova Fire Station	0.26		0.649		6.72	0.315		0.296		4.53
9603883	10/26/96	Kenova Fire Station	0.005	U	0.556		2.63	0.384		0.312		2.15
9604228	11/07/96	Kenova Fire Station	0.005	U	0.202		2.83	0.317		0.213		1.86
9604529	11/20/96	Kenova Fire Station	0.12		0.213		3.94	0.308		0.071		1.82
9604612	12/02/96	Kenova Fire Station	0.141		0.183		5.88	0.026		0.314		1.4
9604751	12/13/96	Kenova Fire Station	0.06		0.289		7.59	0.112		6.3		2.97
9700049	01/06/97	Kenova Fire Station	0.002	U	0.177		5.06	0.179		0.48		0.69

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitrate (particulate)		Ammonia (particulate)		Hydronium ion	
9702102	05/06/97	Corn Duplicate	0.018		0.15		0.074 U	U
9702417	05/18/97	Corn Duplicate	0.011 U	U	0.647		0.267	
	05/30/97	Corn Duplicate	0.011 U	U	0.846		0.178	
9703063	06/11/97	Corn Duplicate	0.04		0.66		0.354	
9703397	06/23/97	Corn Duplicate	0.163		1.6		0.198	
9703777	07/09/97	Corn Duplicate	0.05		1.17		0.074 U	U
9602639	08/03/96	Corn Original	0.078		1.09		0.212	
9602824	08/14/96	Corn Original	0.058		1.72		3.18	
9603033	08/27/96	Corn Original	0.136		1.64		0.289	
9603199	09/08/96	Corn Original	0.045		1.77		0.247	
9603298	09/20/96	Corn Original	0.055		0.876		0.239	
9603489	10/02/96	Corn Original	0.010 U	U	0.359		0.382	
9603664	10/14/96	Corn Original	0.010 U	U	1.26		0.03	
9603877	10/26/96	Corn Original	0.010 U	U	0.363		0.217	
9604233	11/07/96	Corn Original	0.010 U	U	0.303		0.11	
9604533	11/20/96	Corn Original	0.664		0.959		0.034	
9604613	12/02/96	Corn Original	0.028 U	U	0.296		0.05	
9604753	12/13/96	Corn Original	0.166		0.626		0.14	
9700050	01/06/97	Corn Original	0.213		0.511		0.081	
9700124	01/18/97	Corn Original	0.148		0.032		0.095	
9700220	01/30/97	Corn Original	0.196		0.86		0.131	
9700355	02/11/97	Corn Original	0.087		0.787		0.216	
9700485	02/23/97	Corn Original	0.11		0.588		0.227	
9701165	04/03/97	Corn Original	0.012 U	U	0.304		0.441	
9701364	04/10/97	Corn Original	0.335		0.281		0.441	
9701868	04/25/97	Corn Original	0.296		0.816		0.13	
9702104	05/06/97	Corn Original	0.011 U	U	0.398		0.074 U	U
9702415	05/18/97	Corn Original	0.011 U	U	0.54		0.26	
9702828	05/30/97	Corn Original	0.011 U	U	0.689		0.174	
9703064	06/11/97	Corn Original	0.034		0.757		0.356	
9703396	06/23/97	Corn Original	0.161		1.64		0.209	
9703780	07/09/97	Corn Original	0.041		1.05		0.074 U	U
		MAX	**0.807**		**1.77**		**3.26**	
9602637	08/03/96	Kenova Fire Station	0.091		1.18		0.206	
9602820	08/14/96	Kenova Fire Station	0.063		1.78		3.24	
9603030	08/27/96	Kenova Fire Station	0.147		1.51		0.294	
9603196	09/08/96	Kenova Fire Station	0.047		1.54		0.251	
9603296	09/20/96	Kenova Fire Station	0.072		0.969		0.244	
9603485	10/02/96	Kenova Fire Station	0.037		0.327		0.044	
9603660	10/14/96	Kenova Fire Station	0.116		1.46		0.031	
9603883	10/26/96	Kenova Fire Station	0.010 U	U	0.658		0.221	
9604228	11/07/96	Kenova Fire Station	0.03		0.255		0.112	
9604529	11/20/96	Kenova Fire Station	0.671		0.972		0.035	
9604612	12/02/96	Kenova Fire Station	0.028 U	U	0.268		0.05	
9604751	12/13/96	Kenova Fire Station	0.234		0.811		0.143	
9700049	01/06/97	Kenova Fire Station	0.168		0.523		0.082	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitric acid (gaseous)		Nitrous acid (gaseous)		Sulfur dioxide (gaseous)		Ammonia (gaseous)		Hydrochloric acid (gaseous)		Sulfate (particulate)	
9700122	01/18/97	Kenova Fire Station	0.176		0.243		8.73		0.021 U	U	0.163		0.75	
9700218	01/30/97	Kenova Fire Station	0		0.809		16.3		0.697		3.9		3.72	
9700358	02/11/97	Kenova Fire Station	0		0.15		7.85		0.011		1.3		3.9	
9700484	02/23/97	Kenova Fire Station	0		0.24		4.66		0.181		0.318		2	
9700578	03/08/97	Kenova Fire Station	0		0.192		6.42		0.021 U	U	0.558		1.12	
9700873	03/20/97	Kenova Fire Station	0		0.264		6.98		0.02		0.532		2.82	
9701162	04/03/97	Kenova Fire Station	0		0.428		5.41		0.12		0.514		0.749	
9701365	04/10/97	Kenova Fire Station	1		0.285		4.42		0.048		0.114		0.797	
9701867	04/25/97	Kenova Fire Station	0		0.414		1.63		0.171		0.202		2.89	
9702101	05/06/97	Kenova Fire Station	0		0.09		1.25		0.272		0.237		1.15	
9702419	05/18/97	Kenova Fire Station	0		0.208		5.8		0.326		0.54		1.82	
9702825	05/30/97	Kenova Fire Station	0		0.35		7.41		0.231		0.651		4.63	
9703067	06/11/97	Kenova Fire Station	0		0.361		1.87		0.445		0.184		2.36	
9703395	06/23/97	Kenova Fire Station	1		0.5		8.38		0.986		2.12		5.75	
9703776	07/09/97	Kenova Fire Station	0		0.278		5.88		0.34		0.442		4	
		MAX	**1.01**		**0.809**		**16.3**		**0.986**		**6.73**		**11.9**	
9602636	08/03/96	Kenova Water Works	0.523		0.171		6.26		0.564		0.879		5.97	
9602825	08/14/96	Kenova Water Works	0.37		0.238		9.08		0.462		10.8		8.28	
9603032	08/27/96	Kenova Water Works	0.356		0.28		6.26		0.556		0.938		6.58	
9603197	09/08/96	Kenova Water Works	0.149		0.078		2.33		0.613		3.27		7.06	
9603295	09/20/96	Kenova Water Works	0.195		0.421		5.81		0.054		0.79		4.5	
9603487	10/02/96	Kenova Water Works	0.005	U	0.415		5.49		0.49		0.133		1.28	
9603665	10/14/96	Kenova Water Works	0.25		0.44		9.81		0.05		0.894		8.34	
9603880	10/26/96	Kenova Water Works	0.005	U	0.33		19.4		0.178		0.216		9.56	
9604232	11/07/96	Kenova Water Works	0.061		0.396		15.2		0.185		0.871		2.43	
9604534	11/20/96	Kenova Water Works	0.212		0.349		8.67		0.279		0.474		2.89	
9604610	12/02/96	Kenova Water Works	0.112		0.144		3.03		0.062		0.374		1.74	
9604752	12/13/96	Kenova Water Works	0.074		0.34		6.91		0.035		0.164		2.9	
9700052	01/06/97	Kenova Water Works	0.183		0.136		4.54		0.286		0.24		1.67	
9700123	01/18/97	Kenova Water Works	0.002	U	0.003	U	0.026 U	U	0.021 U	U	0.008 U	U	0.019 U	U
9700221	01/30/97	Kenova Water Works	0		0.962		16.4		0.072		0.25		3.47	
9700359	02/11/97	Kenova Water Works	0		0.042		7.1		0.84		3.24		4.44	
9700483	02/23/97	Kenova Water Works	0		0.106		3.53		0.124		0.215		1.78	
9700577	03/08/97	Kenova Water Works	0		0.181		5.57		0.021 U	U	0.659		0.895	
9700872	03/20/97	Kenova Water Works	0		0.142		5.17		0.044		0.568		2.3	
9701164	04/03/97	Kenova Water Works	0		0.267		4.55		0.016 U	U	0.605		0.872	
9701362	04/10/97	Kenova Water Works	0		0.2		4.66		0.016 U	U	0.284		0.698	
9702103	05/06/97	Kenova Water Works	0		0.08		1.63		0.178		0.206		1.47	
9702416	05/18/97	Kenova Water Works	0		0.225		5.67		0.488		0.644		1.73	
9702827	05/30/97	Kenova Water Works	0		0.457		15.8		0.413		0.721		4.63	
9703066	06/11/97	Kenova Water Works	0		0.282		2.05		0.448		0.334		2.38	
9703393	06/23/97	Kenova Water Works	1		0.373		8.62		0.273		1.88		6.72	
9703778	07/09/97	Kenova Water Works	0		0.216		3.67		0.361		1.1		3.35	
		MAX	**0.591**		**0.962**		**19.4**		**0.84**		**10.8**		**9.56**	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitrate (particulate)		Ammonia (particulate)		Hydronium ion	
9700122	01/18/97	Kenova Fire Station	0.122		0.051		0.097	
9700218	01/30/97	Kenova Fire Station	0.255		1.08		0.133	
9700358	02/11/97	Kenova Fire Station	0.079		0.751		0.22	
9700484	02/23/97	Kenova Fire Station	0.082		0.593		0.231	
9700578	03/08/97	Kenova Fire Station	0.101		0.024		0.144	
9700873	03/20/97	Kenova Fire Station	0.174		0.841		0.171	
9701162	04/03/97	Kenova Fire Station	0.012 U	U	0.273		0.449	
9701365	04/10/97	Kenova Fire Station	0.336		0.443		0.449	
9701867	04/25/97	Kenova Fire Station	0.386		0.8		0.132	
9702101	05/06/97	Kenova Fire Station	0.008		0.314		0.074 U	U
9702419	05/18/97	Kenova Fire Station	0.028		0.524		0.264	
9702825	05/30/97	Kenova Fire Station	0.09		1.02		0.177	
9703067	06/11/97	Kenova Fire Station	0.043		0.658		0.345	
9703395	06/23/97	Kenova Fire Station	0.171		1.46		0.199	
9703776	07/09/97	Kenova Fire Station	0.028		1.12		0.074 U	U
		MAX	**0.671**		**1.78**		**3.24**	
9602636	08/03/96	Kenova Water Works	0.042		1.15		0.211	
9602825	08/14/96	Kenova Water Works	0.071		1.8		3.25	
9603032	08/27/96	Kenova Water Works	0.12		1.81		0.295	
9603197	09/08/96	Kenova Water Works	0.084		1.55		0.252	
9603295	09/20/96	Kenova Water Works	0.010 U	U	0.865		0.244	
9603487	10/02/96	Kenova Water Works	0.083		0.28		0.391	
9603665	10/14/96	Kenova Water Works	0.054		1.42		0.031	
9603880	10/26/96	Kenova Water Works	0.052		0.545		0.222	
9604232	11/07/96	Kenova Water Works	0.010 U	U	0.331		0.113	
9604534	11/20/96	Kenova Water Works	0.759		1.02		0.035	
9604610	12/02/96	Kenova Water Works	0.046		0.284		0.051	
9604752	12/13/96	Kenova Water Works	0.082		0.662		0.143	
9700052	01/06/97	Kenova Water Works	0.158		0.582		0.082	
9700123	01/18/97	Kenova Water Works	0.004 U	U	0.022 U	U	0.098	
9700221	01/30/97	Kenova Water Works	0.178		0.944		0.134	
9700359	02/11/97	Kenova Water Works	0.085		0.84		0.221	
9700483	02/23/97	Kenova Water Works	0.047		0.588		0.232	
9700577	03/08/97	Kenova Water Works	0.004 U	U	0.022 U	U	0.145	
9700872	03/20/97	Kenova Water Works	0.213		0.897		0.171	
9701164	04/03/97	Kenova Water Works	0.012 U	U	0.265		0.45	
9701362	04/10/97	Kenova Water Works	0.179		0.404		0.45	
9702103	05/06/97	Kenova Water Works	0.005		0.391		0.074 U	U
9702416	05/18/97	Kenova Water Works	0.029		0.562		0.265	
9702827	05/30/97	Kenova Water Works	0.028		0.872		0.177	
9703066	06/11/97	Kenova Water Works	0.066		0.533		0.355	
9703393	06/23/97	Kenova Water Works	0.234		1.34		0.352	
9703778	07/09/97	Kenova Water Works	0.033		1.2		0.074 U	U
		MAX	**0.759**		**1.81**		**3.25**	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitric acid (gaseous)		Nitrous acid (gaseous)		Sulfur dioxide (gaseous)		Ammonia (gaseous)		Hydrochloric acid (gaseous)		Sulfate (particulate)	
9602634	08/03/96	Lockwood Estates	0.301		0.082		4.42		0.263		0.797		5.81	
9602822	08/14/96	Lockwood Estates	0.379		0.09		6.31		0.111		0.959		9.27	
9603202	09/08/96	Lockwood Estates	0.116		0.054		0.313		0.17		0.504		7.2	
9603297	09/20/96	Lockwood Estates	0.155		0.146		2.34		0.024		0.565		16.2	
9603488	10/02/96	Lockwood Estates	0.005	U	0.247		0.689		0.388		0.097		1.78	
9603879	10/26/96	Lockwood Estates	0.005	U	0.298		5.8		0.123		1.01		8.98	
9604234	11/07/96	Lockwood Estates	0.005	U	0.142		2.37		0.217		0.186		2.48	
9604527	11/20/96	Lockwood Estates	0.138		0.489		12.8		0.26		0.063		2.53	
9604609	12/02/96	Lockwood Estates	0.079		0.311		0.845		0.011		0.524		1.26	
9604748	12/13/96	Lockwood Estates	0.134		0.324		6.68		0.048		0.007 U	U	2.37	
9700054	01/06/97	Lockwood Estates	0.126		0.178		4.96		0.208		0.13		1.48	
9700118	01/18/97	Lockwood Estates	0.308		0.349		14.2		0.021 U	U	0.41		1.38	
9700217	01/30/97	Lockwood Estates	0		1		18		0.018		0.018		3.27	
9700360	02/11/97	Lockwood Estates	0		0		6		0.095		0.393		4.09	
9700488	02/23/97	Lockwood Estates	0		0		3		0.181		0.101		1.99	
9700580	03/08/97	Lockwood Estates	0		0		4		0.021 U	U	0.314		0.884	
9700875	03/20/97	Lockwood Estates	0		0		5		0.016 U	U	0.748		3.03	
9701167	04/03/97	Lockwood Estates	0		0		4		0.016 U	U	0.409		1.08	
9701360	04/10/97	Lockwood Estates	0	U	0		7		0.03		0.381		1.58	
9701862	04/25/97	Lockwood Estates	0		0		0		0.044		0.315		2.82	
9702106	05/06/97	Lockwood Estates	0		0		1		0.141		0.278		1.42	
9702420	05/18/97	Lockwood Estates	0		0		1		0.504		0.369		1.71	
9702829	05/30/97	Lockwood Estates	0		0		10		0.166		0.583		3.73	
9703069	06/11/97	Lockwood Estates	0		0		0.042 U	U	0.252		0.04		2.04	
9703399	06/23/97	Lockwood Estates	0		0		6		0.04		0.974		5.4	
9703773	07/09/97	Lockwood Estates	0	U	0		2		0.15		0.261		2.74	
9603028	08/27/96	Lockwood Estates	0.29		0.17		5.22		0.193		0.726		6.46	
		MAX	**0.379**		**0.938**		**18.3**		**0.504**		**1.01**		**16.2**	
9602631	08/02/96	Sweet Run	0.443		0.129		3.28		0.601		0.42		6.02	
9602819	08/14/96	Sweet Run	0.338		0.071		5.89		0.299		2.28		8.49	
9603031	08/27/96	Sweet Run	0.324		0.18		4.95		0.364		0.463		6.53	
9603198	09/08/96	Sweet Run	0.106		0.078		0.963		0.53		0.45		7.83	
9603292	09/20/96	Sweet Run	0.143		0.228		1.34		0.123		0.997		16.1	
9603492	10/02/96	Sweet Run	0.005	U	0.219		1.06		0.426		0.006 U	U	1.58	
9603666	10/14/96	Sweet Run	0.153		0.363		4.44		0.183		0.39		6.19	
9603881	10/26/96	Sweet Run	0.005	U	0.269		12.6		0.351		2.29		4.35	
9604230	11/07/96	Sweet Run	0.005	U	0.064		0.941		0.525		0.041		1.84	
9604530	11/20/96	Sweet Run	0.198		0.228		8.24		0.241		0.741		2	
9604615	12/02/96	Sweet Run	0.088		0.229		5.78		0.06		0.649		1.99	
9604750	12/13/96	Sweet Run	0.076		0.414		12.6		0.026		0.059		2.76	
9700053	01/06/97	Sweet Run	0.103		0.167		6.98		0.22		0.148		1.85	
9700120	01/18/97	Sweet Run	0.273		0.24		11.6		0.021 U	U	0.081		0.69	
9700223	01/30/97	Sweet Run	0.048		1.25		11.8		0.021 U	U	0.073		3.4	
9700354	02/11/97	Sweet Run	0.4		0.132		7.84		0.047		1.47		4.03	
9700482	02/23/97	Sweet Run	0.094		0.124		4.22		0.137		0.237		2.1	
9700576	03/08/97	Sweet Run	0.118		0.117		3.38		0.021 U	U	0.125		1.09	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitrate (particulate)		Ammonia (particulate)		Hydronium ion	
9602634	08/03/96	Lockwood Estates	0.25		1.04		0.206	
9602822	08/14/96	Lockwood Estates	0.043		1.88		3.24	
9603202	09/08/96	Lockwood Estates	0.056		1.52		0.251	
9603297	09/20/96	Lockwood Estates	0.010 U	U	0.789		0.244	
9603488	10/02/96	Lockwood Estates	0.010 U	U	0.359		0.389	
9603879	10/26/96	Lockwood Estates	0.010 U	U	0.525		0.221	
9604234	11/07/96	Lockwood Estates	0.010 U	U	0.292		0.112	
9604527	11/20/96	Lockwood Estates	0.772		1.17		0.035	
9604609	12/02/96	Lockwood Estates	0.028 U	U	0.241		0.05	
9604748	12/13/96	Lockwood Estates	0.099		0.65		0.143	
9700054	01/06/97	Lockwood Estates	0.132		0.59		0.082	
9700118	01/18/97	Lockwood Estates	0.216		0.054		0.097	
9700217	01/30/97	Lockwood Estates	0.15		0.847		0.133	
9700360	02/11/97	Lockwood Estates	0.099		0.801		0.22	
9700488	02/23/97	Lockwood Estates	0.077		0.685		0.231	
9700580	03/08/97	Lockwood Estates	0.109		0.015		0.144	
9700875	03/20/97	Lockwood Estates	0.171		0.93		0.171	
9701167	04/03/97	Lockwood Estates	0.012 U	U	0.273		0.449	
9701360	04/10/97	Lockwood Estates	0.257		0.451		0.449	
9701862	04/25/97	Lockwood Estates	0.148		0.69		0.126	
9702106	05/06/97	Lockwood Estates	0.011 U	U	0.374		0.074 U	U
9702420	05/18/97	Lockwood Estates	0.033		0.52		0.261	
9702829	05/30/97	Lockwood Estates	0.011 U	U	0.832		0.177	
9703069	06/11/97	Lockwood Estates	0.011 U	U	0.568		0.343	
9703399	06/23/97	Lockwood Estates	0.086		1.32		0.196	
9703773	07/09/97	Lockwood Estates	0.011 U	U	0.754		0.074 U	U
9603028	08/27/96	Lockwood Estates	0.093		1.72		0.294	
		MAX	**0.772**		**1.88**		**3.24**	
9602631	08/02/96	Sweet Run	0.118		1.24		0.206	
9602819	08/14/96	Sweet Run	0.057		1.84		3.19	
9603031	08/27/96	Sweet Run	0.069		1.8		0.29	
9603198	09/08/96	Sweet Run	0.05		2.02		0.268	
9603292	09/20/96	Sweet Run	0.010 U	U	0.85		0.24	
9603492	10/02/96	Sweet Run	0.010 U	U	0.369		0.384	
9603666	10/14/96	Sweet Run	0.1		1.38		0.031	
9603881	10/26/96	Sweet Run	0.142		0.457		0.218	
9604230	11/07/96	Sweet Run	0.010 U	U	0.247		0.011	
9604530	11/20/96	Sweet Run	0.652		0.946		0.034	
9604615	12/02/96	Sweet Run	0.028 U	U	0.314		0.05	
9604750	12/13/96	Sweet Run	0.228		0.692		0.141	
9700053	01/06/97	Sweet Run	0.105		0.597		0.082	
9700120	01/18/97	Sweet Run	0.175		0.079		0.096	
9700223	01/30/97	Sweet Run	0.213		0.957		0.131	
9700354	02/11/97	Sweet Run	0.083		0.842		0.217	
9700482	02/23/97	Sweet Run	0.085		0.605		0.228	
9700576	03/08/97	Sweet Run	0.083		0.025		0.142	

Annular Denuder Data

(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitric acid (gaseous)		Nitrous acid (gaseous)		Sulfur dioxide (gaseous)		Ammonia (gaseous)		Hydrochloric acid (gaseous)		Sulfate (particulate)
9700874	03/20/97	Sweet Run	0.349		0.382		6.57		0.19		0.79		3.73
9701160	04/03/97	Sweet Run	0.163		0.257		4.9		0.304		0.266		0.346
9701367	04/10/97	Sweet Run	0.993		0.116		3.37		0.029		4.6		1.15
9701865	04/25/97	Sweet Run	0.126		0.198		4.37		0.217		0.141		3.44
9702099	05/06/97	Sweet Run	0.127		0.039		8.62		0.472		0.831		0.162
9702412	05/18/97	Sweet Run	0.145		0.115		0.431		0.363		0.297		1.44
9702824	05/30/97	Sweet Run	0.264		0.323		7.24		0.249		0.354		4.11
9703068	06/11/97	Sweet Run	0.113		0.177		0.341		0.16		0.791		2.41
9703392	06/23/97	Sweet Run	0.415		0.246		6.31		0.533		1.34		6.87
9703779	07/09/97	Sweet Run	0.085		0.151		1.44		0.294		0.467		3.87
		MAX	**0.993**		**1.25**		**12.6**		**0.601**		**4.6**		**16.1**
9602635	08/03/96	Webbville, Kentucky	0.23		0.001	U	4.82		0.555		0.542		4.51
9602823	08/14/96	Webbville, Kentucky	0.242		0.001	U	2.15		0.269		0.849		7.39
9603029	08/27/96	Webbville, Kentucky	0.119		0.023		0.95		0.286		0.484		4.44
9603203	09/08/96	Webbville, Kentucky	0.134		0.001	U	0.726		0.134		0.655		8.21
9603294	09/20/96	Webbville, Kentucky	0.254		0.005	U	1.54		0.064		0.386		7.76
9603491	10/02/96	Webbville, Kentucky	0.005	U	0.005	U	0.093 U	U	0.222		0.006 U	U	1.61
9603661	10/14/96	Webbville, Kentucky	0.207		0.087		5.98		0.007		0.672		4.78
9603876	10/26/96	Webbville, Kentucky	0.005	U	0.053		0.092 U	U	0.48		0.006 U	U	1.02
9604236	11/07/96	Webbville, Kentucky	0.005	U	0.005	U	0.647		0.094		0.148		2.23
9604526	11/20/96	Webbville, Kentucky	0.08		0.136		2.66		0.222		0.167		2.51
9604608	12/02/96	Webbville, Kentucky	0.098		0.058		2.22		0.05		0.264		1.3
9604749	12/13/96	Webbville, Kentucky	0.04		0.257		6.3		0.038		0.095		2.42
9700055	01/06/97	Webbville, Kentucky	0.138		0.109		4.11		0.214		0.473		1.66
9700119	01/18/97	Webbville, Kentucky	0.169		0.15		6.98		0.021 U	U	0.247		0.076
9700216	01/30/97	Webbville, Kentucky	0.115		0.262		6.14		0.021 U	U	0.008 U	U	2.2
9700361	02/11/97	Webbville, Kentucky	0.273		0.171		5.3		0.038		0.262		4.01
9700487	02/23/97	Webbville, Kentucky	0.078		0.106		2.2		0.175		0.344		1.96
9700581	03/08/97	Webbville, Kentucky	0.002	U	0.106		1.71		0.021 U	U	0.382		1.43
9700876	03/20/97	Webbville, Kentucky	0.266		0.086		3.36		0.055		0.387		2.75
9701166	04/03/97	Webbville, Kentucky	0.09		0.076		2.25		0.014		0.48		0.496
9701359	04/10/97	Webbville, Kentucky	0.006	U	0.17		6.31		0.21		0.232		0.683
9701863	04/25/97	Webbville, Kentucky	0.145		0.084		3.7		0.016 U	U	1.2		3.42
9702107	05/06/97	Webbville, Kentucky	0.175		0.039		3.79		0.221		0.217		1.69
9702413	05/18/97	Webbville, Kentucky	0.116		0.006	U	0.219		0.273		0.44		1.59
9702831	05/30/97	Webbville, Kentucky	0		0	U	0.042 U	U	0.15		0.327		2.9
9703070	06/11/97	Webbville, Kentucky	0	U	0		0.042 U	U	0.213		0.246		2.17
9703398	06/23/97	Webbville, Kentucky	0		0		10		0.292		1.26		9.8
9703772	07/09/97	Webbville, Kentucky	0		0		0.042 U	U	0.207		0.149		4.28
		MAX	**0.407**		**0.262**		**10.2**		**0.555**		**1.26**		**9.8**

Annular Denuder Data
(ug/m^3)

Sample Number	Collection Date	Sample Description	Nitrate (particulate)		Ammonia (particulate)		Hydronium ion	
9700874	03/20/97	Sweet Run	0.436		1.38		0.168	
9701160	04/03/97	Sweet Run	0.1		0.294		0.442	
9701367	04/10/97	Sweet Run	0.228		0.313		0.442	
9701865	04/25/97	Sweet Run	0.243		0.85		0.13	
9702099	05/06/97	Sweet Run	0.013		0.452		0.074 U	U
9702412	05/18/97	Sweet Run	0.024		0.537		0.265	
9702824	05/30/97	Sweet Run	0.022		0.858		0.174	
9703068	06/11/97	Sweet Run	0.021		0.697		0.349	
9703392	06/23/97	Sweet Run	0.142		1.52		0.351	
9703779	07/09/97	Sweet Run	0.035		1.03		0.074 U	U
		MAX	**0.652**		**2.02**		**3.19**	
9602635	08/03/96	Webbville, Kentucky	0.001 U	U	0.719		0.215	
9602823	08/14/96	Webbville, Kentucky	0.313		1.38		3.23	
9603029	08/27/96	Webbville, Kentucky	0.055		0.982		0.302	
9603203	09/08/96	Webbville, Kentucky	0.04		1.34		0.262	
9603294	09/20/96	Webbville, Kentucky	0.010 U	U	0.677		0.25	
9603491	10/02/96	Webbville, Kentucky	0.010 U	U	0.327		0.4	
9603661	10/14/96	Webbville, Kentucky	0.094		1.2		0.032	
9603876	10/26/96	Webbville, Kentucky	0.010 U	U	0.244		0.227	
9604236	11/07/96	Webbville, Kentucky	0.010 U	U	0.236		0.115	
9604526	11/20/96	Webbville, Kentucky	0.704		0.938		0.036	
9604608	12/02/96	Webbville, Kentucky	0.028 U	U	0.251		0.052	
9604749	12/13/96	Webbville, Kentucky	0.132		0.522		0.146	
9700055	01/06/97	Webbville, Kentucky	0.141		0.533		0.084	
9700119	01/18/97	Webbville, Kentucky	0.145		0.022 U	U	0.1	
9700216	01/30/97	Webbville, Kentucky	0.199		0.597		0.137	
9700361	02/11/97	Webbville, Kentucky	0.06		0.763		0.226	
9700487	02/23/97	Webbville, Kentucky	0.04		0.614		0.237	
9700581	03/08/97	Webbville, Kentucky	0.04		0.145		0.148	
9700876	03/20/97	Webbville, Kentucky	0.202		0.778		0.175	
9701166	04/03/97	Webbville, Kentucky	0.012 U	U	0.219		0.461	
9701359	04/10/97	Webbville, Kentucky	0.044		0.343		0.461	
9701863	04/25/97	Webbville, Kentucky	0.103		0.705		0.136	
9702107	05/06/97	Webbville, Kentucky	0.006		0.508		0.074 U	U
9702413	05/18/97	Webbville, Kentucky	0.011 U	U	0.487		0.271	
9702831	05/30/97	Webbville, Kentucky	0.011 U	U	0.648		0.181	
9703070	06/11/97	Webbville, Kentucky	0.03		0.696		0.376	
9703398	06/23/97	Webbville, Kentucky	0.016		1.44		0.215	
9703772	07/09/97	Webbville, Kentucky	0.016		1.11		0.074 U	U
		MAX	**0.704**		**1.44**		**3.23**	

HIGH VOLUME SAMPLERS
METALS DATA

TRI-STATE DATA FILES

All data presented in this Appendix have been data validated.

Metals Analysis

1. "bdl" indicates that the chemical was not detected above the discrimination limit. A summary of the laboratory's discrimination limits are provided below.

2. A " - " is presented in some of the data cells. This indicates that no data were available for that analyte on that date.

West Virginia Division of Environmental Protection - Metals Discrimination Limits

Discrimination Limits for the 1996 and 1997 Filters Used in the Tri-State Geographic Initiative Metals Study		
Analyte	1996 TSP (ug/m^3)	1997 TSP (ug/m^3)
Mn	0.000	0.001
Fe	0.011	0.018
Cd	0.001	0.006
Cu	0.002	0.002
Ni	0.001	0.002
Pb	0.004	0.005
Zn	0.033	0.01
Se	0.016	0.011
Sb	0.01	0.007
Be	0.000	0.000
Ba	0.018	0.016
Co	0.002	0.001
As	0.011	0.006
Al	0.119	0.126
Mg	0.086	0.056
Mo	0.002	0.006
Ag	0.004	0.009
Ti	0.013	0.007
V	0.01	0.011
Sr	0.000	0.000
Sn	0.005	0.003
Cr	0.003	0.004
Ca	0.251	0.023
Hg	0.005	0.042

* Discrimination limit is based on an air volume of 2500 m^3 for 1996 TSP and 2025 m^3 for the 1997 TSP.

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Centenial	961410	6/19/96	9/12/96	0.3632	bdl	bdl	0.0230	bdl	bdl	1.4537	bdl	bdl	0.2462	0.5823	0.0190	0.3593
Centenial	961418	7/12/96	9/13/96	0.2056	0.0171	bdl	bdl	bdl	0.0511	1.7855	bdl	bdl	0.2035	0.6798	0.0243	0.2556
Centenial	961462	7/23/96	9/16/96	0.2278	bdl	bdl	0.0187	bdl	0.0013	0.8488	0.0044	bdl	0.1751	0.4026	0.0152	0.2864
Centenial	961511	8/3/96	10/22/96	0.3150	0.0303	bdl	0.0288	bdl	0.0022	1.9053	0.0124	bdl	0.2363	0.5510	0.0632	0.4955
Centenial	961700	8/15/96	10/24/96	0.5240	bdl	bdl	0.0443	bdl	0.0013	1.8812	bdl	bdl	0.2042	0.5265	0.0239	0.4164
Centenial	961692	8/27/96	10/22/96	0.2554	bdl	bdl	0.0247	bdl	0.0017	1.6488	0.0085	bdl	0.4612	0.7860	0.0638	0.2960
Centenial	961757	9/8/96	11/21/96	0.1846	bdl	bdl	0.0183	bdl	0.0018	0.6960	bdl	bdl	0.1245	0.1565	0.0102	0.1770
Centenial	961877	9/20/96	11/21/96	0.2902	bdl	bdl	bdl	bdl	0.0037	1.1595	0.0097	bdl	0.1560	0.3922	0.0448	0.3384
Centenial	961972	10/2/96	1/7/97	bdl	bdl	bdl	bdl	bdl	0.0044	0.3730	bdl	bdl	0.1550	0.2611	0.0112	bdl
Centenial	962091	10/26/96	1/8/97	bdl	0.0208	bdl	bdl	bdl	0.0024	0.3818	0.0086	bdl	0.1943	0.3051	0.0200	bdl
Centenial	962159	11/7/96	2/6/97	0.0910	bdl	bdl	bdl	bdl	0.0010	0.4260	bdl	bdl	0.1250	0.3730	0.0070	0.0960
Centenial	962254	11/19/96	2/12/97	0.0470	bdl	bdl	bdl	bdl	0.0010	0.7200	bdl	bdl	0.1840	0.2840	0.0110	0.0920
Centenial	962312	12/2/96	3/10/97	0.1040	bdl	bdl	bdl	bdl	0.0010	0.4930	bdl	bdl	0.1270	0.2030	0.0360	0.0770
Centenial	962438	12/13/96	3/12/97	0.0730	bdl	bdl	bdl	bdl	0.0010	0.5650	0.0050	bdl	0.1120	0.3300	0.0140	0.1270
Centenial	970049	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.8460	bdl	bdl	0.0820	0.1380	bdl	0.1060
Centenial	970198	1/18/97	11/10/97	0.1370	bdl	bdl	bdl	bdl	bdl	1.0100	bdl	bdl	0.1190	0.1500	bdl	0.1320
Centenial	970315	1/31/97	10/28/97	bdl	bdl	bdl	bdl	bdl	bdl	1.1660	bdl	bdl	0.0930	0.3340	0.0320	0.1820
Centenial	970352	2/11/97	11/13/97	bdl	bdl	bdl	bdl	bdl	bdl	0.5630	bdl	bdl	0.0880	0.1310	0.0050	0.1040
Centenial	970418	2/23/97	11/13/97	0.1450	bdl	bdl	bdl	bdl	bdl	0.6420	bdl	bdl	0.1070	0.2630	bdl	0.1210
Centenial	970808	3/8/97	11/17/97	0.1790	bdl	bdl	bdl	bdl	bdl	1.4970	bdl	bdl	0.1330	0.5460	0.0080	0.2090
Centenial	970804	3/20/97	11/17/97	bdl	bdl	bdl	bdl	bdl	bdl	0.9940	bdl	bdl	0.1470	0.2980	0.0110	0.1680
Centenial	970827	4/3/97	11/17/97	0.2920	0.0120	bdl	0.0190	bdl	bdl	2.3860	0.0040	bdl	0.1740	0.8590	0.0260	0.2870
Centenial	970814	4/10/97	12/2/97	0.4730	bdl	bdl	0.0300	bdl	bdl	3.1020	bdl	bdl	0.2740	1.7270	0.0100	0.4750
Centenial	970830	4/25/97	12/2/97	0.2400	bdl	bdl	0.0220	bdl	bdl	1.3940	bdl	bdl	0.1620	1.0030	0.0120	0.2650
Centenial	970845	5/6/97	11/21/97	0.4280	bdl	bdl	0.0410	bdl	bdl	1.4380	bdl	bdl	0.1200	0.3660	bdl	0.4170
Centenial	970999	5/18/97	11/21/97	0.3940	bdl	bdl	0.0300	bdl	bdl	1.2530	bdl	bdl	0.1060	0.3740	0.0070	0.2820
Centenial	971010	5/30/97	12/1/97	0.1400	bdl	bdl	0.0180	bdl	bdl	1.0300	bdl	bdl	0.1440	0.3100	0.0090	0.1670
Centenial	971281	6/11/97	12/1/97	0.1810	0.0100	bdl	0.0230	bdl	bdl	1.2380	bdl	bdl	0.1990	0.4090	0.1020	0.1870
Centenial	971282	6/23/97	12/1/97	0.1520	0.0250	bdl	0.0170	bdl	bdl	1.2680	0.0040	bdl	0.1800	0.4130	0.0200	0.1920
Centenial	971295	7/9/97	12/3/97	0.2340	bdl	bdl	0.0190	bdl	bdl	1.1000	bdl	bdl	0.1470	0.2930	0.0130	0.1920

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc		
Centenial	961410	6/19/96	9/12/96	0.0172	bdl	bdl	0.0058	bdl	bdl	0.0047	bdl	bdl	bdl	0.1006		
Centenial	961418	7/12/96	9/13/96	0.0304	bdl	bdl	0.0068	0.0218	bdl	0.0036	bdl	bdl	bdl	0.0756		
Centenial	961462	7/23/96	9/16/96	0.0230	bdl	bdl	0.0055	bdl	bdl	0.0030	bdl	bdl	bdl	0.1119		
Centenial	961511	8/3/96	10/22/96	0.0568	bdl	0.1083	0.0132	bdl	bdl	0.0049	bdl	bdl	bdl	0.1721		
Centenial	961700	8/15/96	10/24/96	0.0121	bdl	bdl	0.0051	bdl	bdl	0.0089	bdl	bdl	bdl	0.0546		
Centenial	961692	8/27/96	10/22/96	0.0501	bdl	0.0120	0.0118	bdl	bdl	0.0034	bdl	bdl	bdl	0.2215		
Centenial	961757	9/8/96	11/21/96	0.0059	bdl	bdl	0.0032	bdl	bdl	0.0029	bdl	bdl	bdl	0.0410		
Centenial	961877	9/20/96	11/21/96	0.0374	bdl	0.0183	0.0095	bdl	bdl	0.0032	bdl	bdl	bdl	0.1196		
Centenial	961972	10/2/96	1/7/97	0.0050	bdl	bdl	0.0031	bdl	bdl	0.0023	bdl	bdl	bdl	bdl		
Centenial	962091	10/26/96	1/8/97	0.0254	bdl	0.0225	0.0152	bdl	bdl	0.0016	bdl	bdl	bdl	0.0834		
Centenial	962159	11/7/96	2/6/97	0.0110	bdl	0.0050	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0340		
Centenial	962254	11/19/96	2/12/97	0.0120	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0620		
Centenial	962312	12/2/96	3/10/97	0.0040	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0440		
Centenial	962438	12/13/96	3/12/97	0.0150	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0380		
Centenial	970049	1/6/97	11/10/97	0.0070	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0250		
Centenial	970198	1/18/97	11/10/97	0.0070	bdl	bdl	0.0040	bdl	bdl	0.0030	bdl	bdl	bdl	0.0560		
Centenial	970315	1/31/97	10/28/97	0.0310	bdl	bdl	0.0020	bdl	bdl	0.0030	bdl	bdl	bdl	0.0490		
Centenial	970352	2/11/97	11/13/97	0.0060	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0430		
Centenial	970418	2/23/97	11/13/97	0.0080	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0220		
Centenial	970808	3/8/97	11/17/97	0.0120	bdl	bdl	0.0020	bdl	bdl	0.0040	bdl	bdl	bdl	0.0500		
Centenial	970804	3/20/97	11/17/97	0.0130	bdl	bdl	bdl	0.0010	bdl	0.0020	bdl	0.0040	bdl	0.0480		
Centenial	970827	4/3/97	11/17/97	0.0250	bdl	bdl	0.0050	bdl	bdl	0.0070	bdl	bdl	bdl	0.0670		
Centenial	970814	4/10/97	12/2/97	0.0450	bdl	bdl	0.0070	bdl	bdl	0.0060	bdl	bdl	bdl	0.0560		
Centenial	970830	4/25/97	12/2/97	0.0300	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0780		
Centenial	970845	5/6/97	11/21/97	0.0150	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0260		
Centenial	970999	5/18/97	11/21/97	0.0180	bdl	bdl	bdl	bdl	bdl	0.0040	bdl	bdl	bdl	0.0310		
Centenial	971010	5/30/97	12/1/97	0.0160	bdl	bdl	0.0040	bdl	bdl	0.0040	bdl	bdl	bdl	0.0330		
Centenial	971281	6/11/97	12/1/97	0.0170	bdl	bdl	0.0050	bdl	bdl	0.0040	bdl	bdl	bdl	0.0370		
Centenial	971282	6/23/97	12/1/97	0.0200	bdl	bdl	0.0080	bdl	bdl	0.0020	bdl	bdl	bdl	0.0930		
Centenial	971295	7/9/97	12/3/97	0.0120	bdl	bdl	0.0020	bdl	bdl	0.0050	bdl	bdl	bdl	0.0390		

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Corn Field - Org.	961408	6/19/96	9/12/96	0.3723	bdl	bdl	0.0339	bdl	bdl	2.0943	bdl	bdl	0.1229	1.4351	0.0192	0.4433
Corn Field - Org.	961416	7/12/96	9/13/96	0.1984	bdl	bdl	bdl	bdl	0.0201	1.5225	bdl	bdl	0.1470	1.0304	0.0177	0.2696
Corn Field - Org.	961460	7/23/96	9/16/96	0.2568	bdl	bdl	0.0272	bdl	0.0004	1.0549	bdl	bdl	0.1557	0.7599	0.0174	0.2658
Corn Field - Org.	961514	8/3/96	10/22/96	0.2026	bdl	bdl	0.0117	bdl	0.0013	1.0585	0.0062	bdl	0.1661	0.7085	0.0376	0.2283
Corn Field - Org.	961702	8/15/96	10/22/96	0.3427	bdl	bdl	0.0302	bdl	0.0005	1.4399	bdl	bdl	0.1390	0.9207	0.0200	0.3127
Corn Field - Org.	961694	8/27/96	10/24/96	0.3908	bdl	bdl	0.0430	bdl	0.0021	1.9576	0.0084	bdl	0.2077	1.1939	0.0467	0.4365
Corn Field - Org.	961758	9/8/96	11/21/96	0.1730	bdl	bdl	bdl	bdl	bdl	0.7066	bdl	bdl	0.0958	0.5256	0.0143	0.1619
Corn Field - Org.	961872	9/20/96	11/21/96	0.3203	bdl	bdl	bdl	bdl	0.0051	1.3969	0.0069	bdl	0.1458	0.9231	0.0443	0.3173
Corn Field - Org.	961976	10/2/96	1/7/97	bdl	bdl	bdl	bdl	bdl	0.0009	0.5665	0.0021	bdl	0.0961	0.4800	0.0107	0.0608
Corn Field - Org.	962052	10/14/96	1/7/97	0.1507	bdl	bdl	bdl	bdl	0.0017	1.7525	0.0023	bdl	0.1693	1.1959	0.0179	0.2053
Corn Field - Org.	962086	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0018	0.2660	0.0057	bdl	0.2353	0.5807	0.0149	bdl
Corn Field - Org.	962160	11/7/96	2/6/97	0.1308	bdl	bdl	bdl	bdl	0.0004	0.5955	bdl	bdl	0.0697	0.5267	0.0083	0.1309
Corn Field - Org.	962261	11/19/96	2/12/97	0.0657	bdl	bdl	bdl	bdl	0.0009	0.7285	bdl	bdl	0.1215	0.4170	0.0120	0.1048
Corn Field - Org.	962315	12/2/96	3/10/97	0.1736	bdl	bdl	0.0106	bdl	0.0007	1.0472	bdl	bdl	0.1453	0.8462	0.0112	0.1503
Corn Field - Org.	962442	12/13/96	3/12/97	0.0986	bdl	bdl	bdl	bdl	bdl	0.8262	bdl	bdl	0.1716	0.6582	0.0149	0.1334
Corn Field - Org.	970051	1/6/97	11/12/97	bdl	bdl	bdl	bdl	bdl	bdl	0.8200	bdl	bdl	0.0505	0.1435	0.0030	0.1130
Corn Field - Org.	970194	1/18/97	11/12/97	bdl	0.0100	bdl	bdl	bdl	bdl	1.0345	bdl	bdl	0.1295	0.2180	0.0390	0.1350
Corn Field - Org.	970312	1/31/97	10/28/97	0.2100	bdl	bdl	0.0170	bdl	bdl	1.8925	bdl	bdl	0.1110	0.7675	0.0360	0.2800
Corn Field - Org.	970349	2/11/97	11/13/97	0.0640	bdl	bdl	bdl	bdl	bdl	0.7610	bdl	bdl	0.0685	0.1960	0.0075	0.1300
Corn Field - Org.	970421	2/23/97	11/13/97	0.0750	bdl	bdl	bdl	bdl	bdl	0.7705	bdl	bdl	0.0955	0.2920	0.0070	0.1305
Corn Field - Org.	void	03/08/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Org.	void	03/20/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Org.	970826	4/3/97	11/18/97	0.3570	0.0135	bdl	0.0395	bdl	bdl	2.8625	bdl	bdl	0.1000	0.9860	0.0215	0.3925
Corn Field - Org.	970813	4/10/97	11/18/97	0.4535	bdl	bdl	0.0335	bdl	bdl	3.2945	0.0025	bdl	0.1350	1.3090	0.0115	0.5055
Corn Field - Org.	970834	4/25/97	11/18/97	0.1860	bdl	bdl	0.0200	bdl	bdl	1.3110	bdl	bdl	0.1760	0.9230	0.0095	0.2380
Corn Field - Org.	970838	5/6/97	11/19/97	0.3420	bdl	bdl	0.0275	bdl	bdl	2.0755	bdl	0.0005	0.0820	0.8370	0.0090	0.5155
Corn Field - Org.	970997	5/18/97	11/21/97	0.3075	bdl	bdl	0.0185	bdl	bdl	1.1915	bdl	bdl	0.1125	0.4935	0.0070	0.2715
Corn Field - Org.	971006	5/30/97	11/21/97	0.2670	bdl	bdl	0.0185	bdl	bdl	1.3465	0.0020	0.0005	0.1630	0.8065	0.0125	0.2260
Corn Field - Org.	971277	6/11/97	12/1/97	0.2165	bdl	bdl	0.0205	bdl	bdl	1.5705	bdl	bdl	0.1525	0.9005	0.0560	0.2515
Corn Field - Org.	971278	6/23/97	12/1/97	0.2950	bdl	bdl	0.0285	bdl	bdl	1.4145	0.0020	bdl	0.1360	1.1450	0.0610	0.2540
Corn Field - Org.	971293	7/9/97	12/3/97	0.1875	bdl	bdl	bdl	bdl	bdl	1.0610	bdl	bdl	0.0600	0.4175	0.0110	0.1850

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Corn Field - Org.	961408	6/19/96	9/12/96	0.0244	bdl	bdl	0.0052	bdl	bdl	0.0052	bdl	bdl	bdl	0.0847
Corn Field - Org.	961416	7/12/96	9/13/96	0.0303	bdl	0.0016	0.0063	bdl	bdl	0.0034	bdl	bdl	bdl	0.0644
Corn Field - Org.	961460	7/23/96	9/16/96	0.0218	bdl	bdl	0.0038	bdl	bdl	0.0031	bdl	bdl	bdl	0.0818
Corn Field - Org.	961514	8/3/96	10/22/96	0.0289	bdl	0.0850	0.0084	bdl	bdl	0.0025	bdl	bdl	bdl	0.1220
Corn Field - Org.	961702	8/15/96	10/22/96	0.0146	bdl	bdl	0.0046	bdl	bdl	0.0063	bdl	bdl	bdl	0.0584
Corn Field - Org.	961694	8/27/96	10/24/96	0.0497	bdl	0.0093	0.0091	bdl	bdl	0.0038	bdl	bdl	bdl	0.2172
Corn Field - Org.	961758	9/8/96	11/21/96	0.0096	bdl	bdl	0.0028	bdl	bdl	0.0034	bdl	bdl	bdl	bdl
Corn Field - Org.	961872	9/20/96	11/21/96	0.0286	bdl	0.0133	0.0082	bdl	bdl	0.0031	bdl	bdl	bdl	0.1035
Corn Field - Org.	961976	10/2/96	1/7/97	0.0077	bdl	bdl	0.0043	bdl	bdl	0.0034	bdl	bdl	bdl	0.0427
Corn Field - Org.	962052	10/14/96	1/7/97	0.0280	bdl	bdl	0.0040	bdl	bdl	0.0044	bdl	bdl	bdl	0.0692
Corn Field - Org.	962086	10/26/96	1/8/97	0.0188	bdl	0.0159	0.0090	bdl	bdl	0.0013	bdl	bdl	bdl	0.0592
Corn Field - Org.	962160	11/7/96	2/6/97	0.0113	bdl	bdl	0.0034	bdl	bdl	0.0027	bdl	bdl	bdl	0.0401
Corn Field - Org.	962261	11/19/96	2/12/97	0.0120	bdl	bdl	0.0028	bdl	bdl	0.0017	bdl	bdl	bdl	0.0622
Corn Field - Org.	962315	12/2/96	3/10/97	0.0048	bdl	bdl	0.0038	bdl	bdl	0.0039	bdl	bdl	bdl	0.0481
Corn Field - Org.	962442	12/13/96	3/12/97	0.0163	bdl	bdl	0.0011	bdl	bdl	0.0016	bdl	bdl	bdl	0.0448
Corn Field - Org.	970051	1/6/97	11/12/97	0.0055	bdl	bdl	0.0010	bdl	bdl	0.0015	bdl	bdl	bdl	0.0270
Corn Field - Org.	970194	1/18/97	11/12/97	0.0080	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0400
Corn Field - Org.	970312	1/31/97	10/28/97	0.0425	bdl	bdl	0.0040	0.0070	bdl	0.0040	bdl	bdl	0.0100	0.0850
Corn Field - Org.	970349	2/11/97	11/13/97	0.0050	bdl	bdl	0.0010	bdl	bdl	0.0020	bdl	bdl	bdl	0.0275
Corn Field - Org.	970421	2/23/97	11/13/97	0.0090	bdl	bdl	0.0010	bdl	bdl	0.0020	bdl	bdl	bdl	0.0240
Corn Field - Org.	void	03/08/97	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Org.	void	03/20/97	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Org.	970826	4/3/97	11/18/97	0.0235	bdl	bdl	0.0050	bdl	bdl	0.0080	bdl	0.0015	bdl	0.0755
Corn Field - Org.	970813	4/10/97	11/18/97	0.0380	bdl	bdl	0.0090	bdl	bdl	0.0060	bdl	bdl	bdl	0.0600
Corn Field - Org.	970834	4/25/97	11/18/97	0.0210	bdl	bdl	0.0035	bdl	bdl	0.0020	bdl	bdl	bdl	0.0510
Corn Field - Org.	970838	5/6/97	11/19/97	0.0145	bdl	bdl	0.0030	bdl	bdl	0.0050	bdl	bdl	bdl	0.0290
Corn Field - Org.	970997	5/18/97	11/21/97	0.0180	bdl	bdl	0.0015	bdl	bdl	0.0040	bdl	bdl	bdl	0.0260
Corn Field - Org.	971006	5/30/97	11/21/97	0.0160	bdl	0.0045	0.0050	bdl	bdl	0.0035	bdl	bdl	bdl	0.0435
Corn Field - Org.	971277	6/11/97	12/1/97	0.0195	bdl	bdl	0.0035	bdl	bdl	0.0040	bdl	bdl	bdl	0.0385
Corn Field - Org.	971278	6/23/97	12/1/97	0.0235	bdl	bdl	0.0075	bdl	bdl	0.0030	bdl	bdl	bdl	0.0665
Corn Field - Org.	971293	7/9/97	12/3/97	0.0105	bdl	bdl	0.0010	bdl	bdl	0.0035	bdl	bdl	bdl	0.0340

Metals Data
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SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Corn Field - Dup.	961409	06/19/96	09/12/96	0.278	bdl	bdl	0.024	bdl	bdl	1.597	bdl	bdl	0.117	1.044	0.012	0.296
Corn Field - Dup.	961417	07/12/96	09/13/96	0.184	bdl	bdl	bdl	bdl	0.019	1.449	bdl	bdl	0.140	0.980	0.016	0.246
Corn Field - Dup.	961459	07/23/96	09/16/96	0.263	bdl	bdl	0.028	bdl	bdl	1.023	bdl	bdl	0.141	0.709	0.014	0.252
Corn Field - Dup.	961512	08/03/96	10/24/96	0.225	bdl	bdl	0.023	bdl	0.001	1.175	0.007	bdl	0.186	0.772	0.040	0.276
Corn Field - Dup.	961703	08/15/96	10/24/96	0.390	bdl	bdl	0.036	bdl	0.001	1.512	bdl	bdl	0.137	0.892	0.018	0.327
Corn Field - Dup.	961693	08/27/96	10/22/96	0.307	bdl	bdl	0.032	bdl	0.001	1.641	0.008	bdl	0.225	1.059	0.044	0.388
Corn Field - Dup.	void	09/08/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	961873	09/20/96	11/26/96	0.357	bdl	bdl	bdl	bdl	0.007	1.398	0.008	bdl	0.162	0.855	0.041	0.357
Corn Field - Dup.	961975	10/02/96	01/08/97	bdl	bdl	bdl	bdl	bdl	0.001	0.600	0.004	bdl	0.118	0.498	0.011	0.121
Corn Field - Dup.	962049	10/14/96	01/08/97	0.178	bdl	bdl	bdl	bdl	0.002	1.648	0.005	bdl	0.183	1.157	0.017	0.232
Corn Field - Dup.	962087	10/26/96	01/07/97	bdl	bdl	bdl	bdl	bdl	0.002	0.282	0.005	bdl	0.323	0.568	0.015	bdl
Corn Field - Dup.	962161	11/07/96	02/12/97	0.113	bdl	bdl	bdl	bdl	0.001	0.562	bdl	bdl	0.086	0.530	0.008	0.128
Corn Field - Dup.	962260	11/19/96	02/06/96	0.082	bdl	bdl	bdl	bdl	0.001	0.711	bdl	bdl	0.143	0.358	0.010	0.101
Corn Field - Dup.	962316	12/02/96	03/12/97	0.121	bdl	bdl	bdl	bdl	0.001	0.847	bdl	bdl	0.205	0.665	0.010	0.119
Corn Field - Dup.	962441	12/13/96	03/10/97	0.120	bdl	bdl	bdl	bdl	bdl	0.877	bdl	bdl	0.108	0.658	0.016	0.161
Corn Field - Dup.	970050	01/06/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.734	bdl	bdl	0.044	0.138	bdl	0.099
Corn Field - Dup.	970193	01/18/97	11/13/97	bdl	0.009	bdl	bdl	bdl	bdl	1.047	bdl	bdl	0.15	0.226	0.037	0.137
Corn Field - Dup.	970317	01/31/97	10/28/97	0.206	bdl	bdl	0.017	bdl	bdl	1.88	bdl	bdl	0.135	0.811	0.034	0.271
Corn Field - Dup.	970351	02/11/97	11/13/97	bdl	bdl	bdl	bdl	bdl	bdl	0.757	bdl	bdl	0.101	0.197	0.007	0.126
Corn Field - Dup.	970422	02/23/97	11/17/97	bdl	bdl	bdl	bdl	bdl	bdl	0.647	bdl	bdl	0.149	0.24	0.005	0.108
Corn Field - Dup.	void	03/08/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	void	03/20/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	970825	04/03/97	11/19/97	0.354	0.013	bdl	0.038	bdl	bdl	2.831	bdl	bdl	0.134	1	0.021	0.39
Corn Field - Dup.	970815	04/10/97	11/19/97	0.566	bdl	bdl	0.042	bdl	bdl	4.056	0.005	bdl	0.207	1.654	0.013	0.631
Corn Field - Dup.	970833	04/25/97	11/19/97	0.194	bdl	bdl	0.021	bdl	bdl	1.284	bdl	bdl	0.062	0.819	0.009	0.24
Corn Field - Dup.	970839	05/06/97	11/21/97	0.378	bdl	bdl	0.031	bdl	bdl	2.02	bdl	0.001	0.14	0.856	0.009	0.499
Corn Field - Dup.	970996	05/18/97	12/1/97	0.161	bdl	bdl	bdl	bdl	bdl	0.933	bdl	bdl	0.195	0.481	0.008	0.193
Corn Field - Dup.	971007	05/30/97	12/1/97	0.16	bdl	bdl	bdl	bdl	bdl	1.113	bdl	bdl	0.065	0.553	0.011	0.169
Corn Field - Dup.	971279	06/11/97	12/3/97	0.238	bdl	bdl	0.022	bdl	bdl	1.564	bdl	bdl	0.217	0.902	0.055	0.245
Corn Field - Dup.	971280	06/23/97	12/2/97	0.397	bdl	bdl	0.039	bdl	bdl	1.52	0.004	bdl	0.181	1.193	0.058	0.297
Corn Field - Dup.	971294	07/09/97	12/1/97	0.192	bdl	bdl	bdl	bdl	bdl	1.16	bdl	bdl	0.072	0.438	0.012	0.19
Kenova Fire Station	961412	6/19/96	9/12/96	bdl	bdl	0.0249	0.0329	bdl	bdl	bdl	0.0249	bdl	0.1162	8.3202	0.0134	bdl
Kenova Fire Station	950000	7/12/96	9/13/96	0.3160	bdl	bdl	0.0210	bdl	0.0440	2.0441	0.0055	bdl	0.0570	1.8801	0.0236	0.3607
Kenova Fire Station	961465	7/23/96	9/27/96	0.5477	bdl	bdl	0.0688	bdl	0.0021	2.0138	0.0063	bdl	0.1024	1.5509	0.0243	0.5704
Kenova Fire Station	961515	8/3/96	10/22/96	0.2650	0.0169	bdl	0.0226	bdl	0.0012	1.6195	0.0089	bdl	0.0715	1.5363	0.0410	0.3181
Kenova Fire Station	961705	8/15/96	10/24/96	0.4639	bdl	bdl	0.0472	bdl	0.0028	2.7484	0.0052	bdl	0.0674	2.0188	0.0384	0.4974
Kenova Fire Station	961691	8/27/96	10/24/96	0.3821	bdl	bdl	0.0378	bdl	0.0014	2.0053	0.0077	bdl	0.0803	1.4789	0.0559	0.3960
Kenova Fire Station	961760	9/8/96	11/21/96	0.1937	bdl	bdl	0.0229	bdl	0.0053	1.0053	bdl	bdl	0.0911	1.4065	0.0126	0.2286
Kenova Fire Station	961875	9/20/96	11/21/96	0.1315	bdl	bdl	bdl	bdl	0.0036	1.1508	0.0086	bdl	0.0878	1.3971	0.0377	0.2145
Kenova Fire Station	961971	10/2/96	1/7/97	bdl	bdl	bdl	bdl	bdl	0.0307	0.5247	bdl	bdl	0.0895	1.3115	0.0517	bdl
Kenova Fire Station	962050	10/14/96	1/8/97	0.1741	bdl	bdl	bdl	bdl	0.0020	2.8312	0.0060	bdl	0.2044	2.6596	0.0749	0.3091
Kenova Fire Station	962092	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0018	0.4245	0.0092	bdl	0.0903	0.9556	0.0222	bdl
Kenova Fire Station	962157	11/7/96	2/6/97	0.1071	bdl	bdl	bdl	bdl	0.0010	0.5043	bdl	bdl	0.0614	0.9263	0.0080	0.1138
Kenova Fire Station	962259	11/19/96	2/12/97	0.0342	bdl	bdl	bdl	bdl	0.0007	0.5405	bdl	bdl	0.0997	0.2362	0.0110	0.0757
Kenova Fire Station	962311	12/2/96	3/10/97	0.1331	bdl	bdl	bdl	bdl	0.0007	1.0234	bdl	bdl	0.0669	1.2487	0.0435	0.1548
Kenova Fire Station	962437	12/13/96	3/12/97	0.0773	bdl	bdl	bdl	bdl	0.0009	0.9566	0.0040	bdl	0.0801	1.1831	0.0147	0.1645
Kenova Fire Station	970048	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.7850	bdl	bdl	0.0570	0.4020	bdl	0.1030
Kenova Fire Station	970316	1/31/97	10/28/97	0.2010	bdl	bdl	0.0180	bdl	bdl	2.0300	bdl	bdl	0.0710	1.2730	0.0420	0.3070
Kenova Fire Station	970355	2/11/97	11/13/97	0.1270	bdl	bdl	bdl	bdl	bdl	0.5560	bdl	bdl	0.0570	0.4700	0.0090	0.1050
Kenova Fire Station	970420	2/23/97	11/13/97	0.1520	bdl	bdl	bdl	bdl	bdl	0.7230	bdl	bdl	0.0680	0.8470	bdl	0.1440

Metals Data
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SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Corn Field - Dup.	961409	06/19/96	09/12/96	0.017	bdl	bdl	0.004	bdl	bdl	0.004	bdl	bdl	bdl	0.054
Corn Field - Dup.	961417	07/12/96	09/13/96	0.028	bdl	bdl	0.006	bdl	bdl	0.003	bdl	bdl	bdl	0.063
Corn Field - Dup.	961459	07/23/96	09/16/96	0.020	bdl	bdl	0.003	bdl	bdl	0.003	bdl	bdl	bdl	0.074
Corn Field - Dup.	961512	08/03/96	10/24/96	0.032	bdl	0.093	0.009	bdl	bdl	0.003	bdl	bdl	bdl	0.134
Corn Field - Dup.	961703	08/15/96	10/24/96	0.014	bdl	bdl	0.005	bdl	bdl	0.006	bdl	bdl	bdl	0.063
Corn Field - Dup.	961693	08/27/96	10/22/96	0.047	bdl	0.009	0.008	bdl	bdl	0.003	bdl	bdl	bdl	0.209
Corn Field - Dup.	void	09/08/96	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	961873	09/20/96	11/26/96	0.029	bdl	0.013	0.009	bdl	bdl	0.003	bdl	bdl	bdl	0.115
Corn Field - Dup.	961975	10/02/96	01/08/97	0.008	bdl	bdl	0.004	bdl	bdl	0.004	bdl	bdl	bdl	0.037
Corn Field - Dup.	962049	10/14/96	01/08/97	0.028	bdl	bdl	0.004	bdl	bdl	0.004	bdl	bdl	bdl	0.084
Corn Field - Dup.	962087	10/26/96	01/07/97	0.019	bdl	0.016	0.009	bdl	bdl	0.001	bdl	bdl	bdl	0.065
Corn Field - Dup.	962161	11/07/96	02/12/97	0.011	bdl	bdl	0.004	bdl	bdl	0.003	bdl	bdl	bdl	0.041
Corn Field - Dup.	962260	11/19/96	02/06/96	0.010	bdl	bdl	0.003	bdl	bdl	0.002	bdl	bdl	bdl	0.045
Corn Field - Dup.	962316	12/02/96	03/12/97	0.009	bdl	bdl	0.003	bdl	bdl	0.003	bdl	bdl	bdl	0.050
Corn Field - Dup.	962441	12/13/96	03/10/97	0.017	bdl	bdl	0.002	bdl	bdl	0.002	bdl	bdl	bdl	0.046
Corn Field - Dup.	970050	01/06/97	11/10/97	0.005	bdl	bdl	0.002	bdl	bdl	0.001	bdl	bdl	bdl	0.02
Corn Field - Dup.	970193	01/18/97	11/13/97	0.008	bdl	bdl	bdl	bdl	bdl	0.002	bdl	bdl	bdl	0.041
Corn Field - Dup.	970317	01/31/97	10/28/97	0.045	bdl	bdl	0.004	bdl	bdl	0.004	bdl	bdl	bdl	0.074
Corn Field - Dup.	970351	02/11/97	11/13/97	0.005	bdl	bdl	bdl	bdl	bdl	0.002	bdl	bdl	bdl	0.025
Corn Field - Dup.	970422	02/23/97	11/17/97	0.007	bdl	bdl	bdl	bdl	bdl	0.002	bdl	bdl	bdl	0.022
Corn Field - Dup.	void	03/08/97	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	void	03/20/97	-	-	-	-	-	-	-	-	-	-	-	-
Corn Field - Dup.	970825	04/03/97	11/19/97	0.023	bdl	bdl	0.004	bdl	bdl	0.008	bdl	0.003	bdl	0.078
Corn Field - Dup.	970815	04/10/97	11/19/97	0.047	bdl	bdl	0.009	bdl	bdl	0.007	bdl	bdl	bdl	0.075
Corn Field - Dup.	970833	04/25/97	11/19/97	0.02	bdl	bdl	0.002	bdl	bdl	0.002	bdl	bdl	bdl	0.046
Corn Field - Dup.	970839	05/06/97	11/21/97	0.014	bdl	bdl	0.002	bdl	bdl	0.005	bdl	bdl	bdl	0.03
Corn Field - Dup.	970996	05/18/97	12/1/97	0.018	bdl	bdl	0.003	bdl	bdl	0.003	bdl	bdl	bdl	0.024
Corn Field - Dup.	971007	05/30/97	12/1/97	0.012	bdl	bdl	0.003	bdl	bdl	0.003	bdl	bdl	bdl	0.032
Corn Field - Dup.	971279	06/11/97	12/3/97	0.019	bdl	bdl	0.003	bdl	bdl	0.004	bdl	bdl	bdl	0.037
Corn Field - Dup.	971280	06/23/97	12/2/97	0.023	bdl	bdl	0.007	bdl	bdl	0.003	bdl	bdl	bdl	0.065
Corn Field - Dup.	971294	07/09/97	12/1/97	0.011	bdl	bdl	0.002	bdl	bdl	0.004	bdl	bdl	bdl	0.038
Kenova Fire Station	961412	6/19/96	9/12/96	0.0701	0.0249	0.0249	0.0209	bdl	0.0249	0.0244	0.0249	0.0249	0.0249	0.0611
Kenova Fire Station	950000	7/12/96	9/13/96	0.0480	bdl	0.0035	0.0088	0.0235	bdl	0.0048	bdl	bdl	bdl	0.0700
Kenova Fire Station	961465	7/23/96	9/27/96	0.0427	bdl	bdl	0.0075	bdl	bdl	0.0041	bdl	bdl	bdl	0.1058
Kenova Fire Station	961515	8/3/96	10/22/96	0.0620	bdl	0.0983	0.0119	bdl	bdl	0.0041	bdl	bdl	bdl	0.1551
Kenova Fire Station	961705	8/15/96	10/24/96	0.0358	bdl	bdl	0.0056	bdl	bdl	0.0070	bdl	bdl	bdl	0.0525
Kenova Fire Station	961691	8/27/96	10/24/96	0.0555	bdl	0.0108	0.0108	bdl	bdl	0.0039	bdl	bdl	bdl	0.2072
Kenova Fire Station	961760	9/8/96	11/21/96	0.0352	bdl	bdl	0.0026	bdl	bdl	0.0031	bdl	bdl	bdl	bdl
Kenova Fire Station	961875	9/20/96	11/21/96	0.0523	bdl	0.0212	0.0143	bdl	bdl	0.0030	bdl	bdl	bdl	0.1187
Kenova Fire Station	961971	10/2/96	1/7/97	0.0204	bdl	bdl	0.0029	0.0279	bdl	0.0024	bdl	bdl	bdl	bdl
Kenova Fire Station	962050	10/14/96	1/8/97	0.0542	bdl	bdl	0.0046	bdl	bdl	0.0059	bdl	bdl	bdl	0.0688
Kenova Fire Station	962092	10/26/96	1/8/97	0.0348	bdl	0.0204	0.0159	bdl	bdl	0.0019	bdl	bdl	bdl	0.0882
Kenova Fire Station	962157	11/7/96	2/6/97	0.0200	bdl	0.0109	0.0056	bdl	bdl	0.0022	bdl	bdl	bdl	0.0464
Kenova Fire Station	962259	11/19/96	2/12/97	0.0097	bdl	bdl	0.0018	bdl	bdl	0.0016	bdl	bdl	bdl	0.0418
Kenova Fire Station	962311	12/2/96	3/10/97	0.0205	bdl	bdl	0.0026	bdl	bdl	0.0026	bdl	bdl	bdl	0.0547
Kenova Fire Station	962437	12/13/96	3/12/97	0.0268	bdl	bdl	0.0021	bdl	bdl	0.0019	bdl	bdl	bdl	0.0462
Kenova Fire Station	970048	1/6/97	11/10/97	0.0090	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0220
Kenova Fire Station	970316	1/31/97	10/28/97	0.0530	bdl	bdl	0.0040	bdl	bdl	0.0040	bdl	bdl	bdl	0.0700
Kenova Fire Station	970355	2/11/97	11/13/97	0.0100	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0390
Kenova Fire Station	970420	2/23/97	11/13/97	0.0120	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0260

Metals Data
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SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Kenova Fire Station	970812	3/8/97	11/13/97	0.2140	bdl	bdl	bdl	bdl	bdl	1.8470	bdl	bdl	0.0930	0.5850	bdl	0.2770
Kenova Fire Station	970801	3/20/97	11/17/97	0.1530	bdl	bdl	bdl	bdl	bdl	1.4670	bdl	bdl	0.0730	0.9180	0.0130	0.2640
Kenova Fire Station	970823	4/3/97	12/2/97	0.3900	0.0080	bdl	0.0320	bdl	bdl	3.6040	0.0040	bdl	0.0780	2.0880	0.0320	0.4450
Kenova Fire Station	970820	4/10/97	12/2/97	0.3640	bdl	bdl	0.0290	bdl	bdl	2.9480	bdl	bdl	0.0690	1.1480	0.0100	0.4570
Kenova Fire Station	970837	4/25/97	12/2/97	0.3160	bdl	bdl	0.0290	bdl	bdl	2.6020	0.0040	bdl	0.0880	2.0700	0.0260	0.4140
Kenova Fire Station	970841	5/6/97	12/3/97	0.3400	bdl	bdl	0.0260	bdl	bdl	1.9040	bdl	bdl	0.0620	0.7980	0.0090	0.5530
Kenova Fire Station	971001	5/18/97	11/21/97	0.4580	bdl	bdl	0.0420	bdl	bdl	1.3350	bdl	bdl	0.0450	0.9610	bdl	0.3110
Kenova Fire Station	971004	5/30/97	11/21/97	0.3470	bdl	bdl	0.0350	bdl	bdl	1.1960	bdl	bdl	0.0560	0.9700	0.0070	0.2510
Kenova Fire Station	971283	6/11/97	12/1/97	0.2180	0.0110	bdl	0.0250	bdl	bdl	2.7860	bdl	bdl	0.0790	1.0430	0.1200	0.3980
Kenova Fire Station	971284	6/23/97	12/1/97	0.1470	0.0100	bdl	0.0190	bdl	bdl	1.8540	0.0050	bdl	0.1100	1.9550	0.0150	0.2680
Kenova Fire Station	971296	7/9/97	12/3/97	0.2040	bdl	bdl	bdl	bdl	bdl	1.0880	bdl	bdl	0.0810	0.7500	0.0090	0.1950

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Kenova Fire Station	970812	3/8/97	11/13/97	0.0170	bdl	bdl	bdl	bdl	bdl	0.0040	bdl	bdl	bdl	0.0260
Kenova Fire Station	970801	3/20/97	11/17/97	0.0260	bdl	bdl	bdl	bdl	bdl	0.0030	bdl	bdl	bdl	0.1060
Kenova Fire Station	970823	4/3/97	12/2/97	0.0400	bdl	bdl	0.0040	bdl	bdl	0.0070	bdl	bdl	bdl	0.0630
Kenova Fire Station	970820	4/10/97	12/2/97	0.0420	bdl	bdl	0.0060	bdl	bdl	0.0060	bdl	bdl	bdl	0.0480
Kenova Fire Station	970837	4/25/97	12/2/97	0.0480	bdl	bdl	0.0050	bdl	bdl	0.0040	bdl	bdl	bdl	0.1040
Kenova Fire Station	970841	5/6/97	12/3/97	0.0230	bdl	bdl	bdl	bdl	bdl	0.0030	bdl	bdl	bdl	0.0320
Kenova Fire Station	971001	5/18/97	11/21/97	0.0280	bdl	bdl	bdl	bdl	bdl	0.0040	bdl	bdl	bdl	0.0280
Kenova Fire Station	971004	5/30/97	11/21/97	0.0140	bdl	bdl	bdl	bdl	bdl	0.0040	bdl	bdl	bdl	0.0290
Kenova Fire Station	971283	6/11/97	12/1/97	0.0280	bdl	bdl	0.0060	bdl	bdl	0.0060	bdl	bdl	bdl	0.0560
Kenova Fire Station	971284	6/23/97	12/1/97	0.0400	bdl	bdl	0.0080	bdl	bdl	0.0040	bdl	bdl	bdl	0.0730
Kenova Fire Station	971296	7/9/97	12/3/97	0.0170	bdl	bdl	0.0020	bdl	bdl	0.0030	bdl	bdl	bdl	0.0300

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Kenova Water Plant	961414	6/19/96	9/12/96	0.4732	bdl	bdl	0.0329	bdl	bdl	3.0069	bdl	bdl	0.1322	1.5088	0.0135	0.4347
Kenova Water Plant	961421	7/12/96	9/13/96	0.3975	bdl	bdl	0.0200	bdl	0.0008	1.7244	bdl	bdl	0.2266	1.7498	0.0165	0.3826
Kenova Water Plant	961513	8/3/96	10/22/96	0.3086	bdl	bdl	0.0203	bdl	0.0008	0.9758	bdl	bdl	0.1344	0.3803	0.0192	0.1969
Kenova Water Plant	961699	8/15/96	10/24/96	0.4273	bdl	bdl	0.0352	bdl	0.0009	1.9311	bdl	bdl	0.0792	0.7067	0.0133	0.3992
Kenova Water Plant	961696	8/27/96	10/24/96	0.5474	bdl	bdl	0.0406	bdl	0.0024	2.5618	bdl	bdl	0.0933	1.3054	0.0232	0.4285
Kenova Water Plant	961762	9/8/96	11/21/96	0.2948	bdl	bdl	0.0219	bdl	0.0010	0.7325	bdl	bdl	0.0921	0.4985	0.0141	0.3020
Kenova Water Plant	961876	9/20/96	11/21/96	0.3782	bdl	bdl	0.0310	bdl	0.0020	2.3235	bdl	bdl	0.0957	0.7047	0.0138	0.3873
Kenova Water Plant	961973	10/2/96	1/7/97	0.1976	bdl	bdl	bdl	bdl	0.0009	0.8702	0.0055	bdl	0.1080	0.7056	0.0149	0.1653
Kenova Water Plant	962053	10/14/96	1/8/97	0.1900	bdl	bdl	bdl	bdl	0.0012	2.4232	0.0055	bdl	0.1099	1.7360	0.0259	0.2228
Kenova Water Plant	962089	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0068	0.4668	0.0050	bdl	0.1097	0.5822	0.0103	0.1054
Kenova Water Plant	962158	11/7/96	2/6/97	0.4705	bdl	bdl	bdl	bdl	bdl	1.0153	bdl	bdl	0.0485	1.4235	0.0170	0.2142
Kenova Water Plant	962256	11/19/96	2/12/97	0.1059	bdl	bdl	bdl	bdl	0.0031	0.7151	bdl	bdl	0.0655	0.3956	0.0232	0.1143
Kenova Water Plant	962309	12/2/96	3/10/97	0.1518	bdl	bdl	bdl	bdl	0.0025	0.8527	bdl	bdl	0.0871	0.4150	bdl	0.1130
Kenova Water Plant	962443	12/13/96	3/12/97	0.1187	bdl	bdl	0.4566	bdl	0.0007	0.6043	bdl	bdl	0.0599	0.3831	0.0129	0.1370
Kenova Water Plant	970044	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.5310	bdl	bdl	0.0700	0.0880	bdl	0.0740
Kenova Water Plant	970192	1/18/97	11/12/97	bdl	bdl	bdl	bdl	bdl	bdl	0.8380	bdl	bdl	0.0500	0.1640	bdl	0.1110
Kenova Water Plant	970313	1/31/97	10/28/97	0.2960	bdl	bdl	bdl	bdl	bdl	2.6200	bdl	bdl	bdl	bdl	bdl	0.2470
Kenova Water Plant	970356	2/11/97	11/13/97	0.1360	bdl	bdl	bdl	bdl	bdl	0.4440	bdl	bdl	0.0730	0.1230	0.0100	0.0730
Kenova Water Plant	970419	2/23/97	11/13/97	0.1300	bdl	bdl	bdl	bdl	bdl	0.4560	bdl	bdl	0.0710	0.2150	0.0060	0.1000
Kenova Water Plant	970809	3/8/97	11/17/97	0.2110	bdl	bdl	0.0180	bdl	bdl	1.3600	bdl	bdl	0.0640	0.6640	0.0080	0.1770
Kenova Water Plant	970802	3/20/97	11/17/97	0.1720	0.0060	bdl	bdl	bdl	bdl	1.2350	bdl	bdl	0.0830	0.8340	0.0110	0.1940
Kenova Water Plant	970828	4/3/97	12/2/97	0.4100	bdl	bdl	0.0270	bdl	bdl	2.7630	bdl	bdl	0.1010	1.2900	0.0210	0.3310
Kenova Water Plant	970818	4/10/97	12/2/97	0.3870	bdl	bdl	0.0280	bdl	bdl	4.0150	bdl	bdl	0.1230	5.2830	0.0250	0.5160
Kenova Water Plant	970832	4/25/97	12/2/97	0.2570	bdl	bdl	0.0240	bdl	bdl	1.7330	bdl	bdl	0.1040	0.8560	0.0070	0.2530
Kenova Water Plant	970840	5/6/97	11/19/97	0.3670	bdl	bdl	0.0560	bdl	bdl	1.0670	bdl	bdl	0.0780	0.7920	0.0030	0.2140
Kenova Water Plant	971002	5/18/97	11/21/97	0.5930	bdl	bdl	0.0410	bdl	bdl	1.6160	bdl	bdl	0.0820	0.5650	0.0100	0.3250
Kenova Water Plant	971005	5/30/97	11/21/97	0.4180	bdl	bdl	0.0340	bdl	bdl	1.5830	bdl	bdl	0.1090	0.7740	0.0080	0.2480
Kenova Water Plant	971285	6/11/97	12/1/97	0.2260	bdl	bdl	0.0180	bdl	bdl	1.5640	bdl	bdl	0.1310	0.7620	0.0090	0.2380
Kenova Water Plant	971286	6/23/97	12/1/97	0.2100	bdl	bdl	0.0230	bdl	bdl	1.5940	bdl	bdl	0.1140	1.0120	0.0100	0.2060
Kenova Water Plant	971297	7/9/97	12/3/97	0.2900	bdl	bdl	0.0220	bdl	bdl	1.5100	bdl	bdl	0.0920	0.6940	0.0090	0.2150

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Kenova Water Plant	961414	6/19/96	9/12/96	0.0226	bdl	bdl	0.0102	bdl	bdl	0.0066	bdl	bdl	bdl	0.1206
Kenova Water Plant	961421	7/12/96	9/13/96	0.0292	bdl	bdl	0.0079	bdl	bdl	0.0055	bdl	bdl	bdl	0.1380
Kenova Water Plant	961513	8/3/96	10/22/96	0.0124	bdl	0.0140	0.0061	bdl	bdl	0.0068	bdl	bdl	bdl	0.0719
Kenova Water Plant	961699	8/15/96	10/24/96	0.0177	bdl	bdl	0.0047	bdl	bdl	0.0048	bdl	bdl	bdl	0.0547
Kenova Water Plant	961696	8/27/96	10/24/96	0.0280	bdl	0.0062	0.0108	bdl	bdl	0.0097	bdl	bdl	bdl	0.1099
Kenova Water Plant	961762	9/8/96	11/21/96	0.0131	bdl	bdl	0.0043	bdl	bdl	0.0023	bdl	bdl	bdl	0.0470
Kenova Water Plant	961876	9/20/96	11/21/96	0.0166	bdl	bdl	0.0238	bdl	bdl	0.0077	bdl	bdl	bdl	0.0619
Kenova Water Plant	961973	10/2/96	1/7/97	0.0131	bdl	bdl	0.0112	bdl	bdl	0.0045	bdl	bdl	bdl	0.0600
Kenova Water Plant	962053	10/14/96	1/8/97	0.0280	bdl	bdl	0.0099	bdl	bdl	0.0065	bdl	bdl	bdl	0.0621
Kenova Water Plant	962089	10/26/96	1/8/97	0.0129	bdl	0.0120	0.0064	bdl	bdl	0.0020	bdl	bdl	bdl	bdl
Kenova Water Plant	962158	11/7/96	2/6/97	0.0143	bdl	0.0024	0.0044	bdl	bdl	0.0079	bdl	bdl	bdl	0.0553
Kenova Water Plant	962256	11/19/96	2/12/97	0.0133	bdl	0.0086	0.0058	bdl	bdl	0.0023	bdl	bdl	bdl	0.0810
Kenova Water Plant	962309	12/2/96	3/10/97	0.0065	bdl	bdl	0.0019	bdl	bdl	0.0026	bdl	bdl	bdl	0.0476
Kenova Water Plant	962443	12/13/96	3/12/97	0.0123	bdl	bdl	0.0021	bdl	bdl	0.0020	bdl	bdl	bdl	0.0361
Kenova Water Plant	970044	1/6/97	11/10/97	0.0030	bdl	bdl	0.0020	bdl	bdl	0.0010	bdl	bdl	bdl	0.0170
Kenova Water Plant	970192	1/18/97	11/12/97	0.0060	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0260
Kenova Water Plant	970313	1/31/97	10/28/97	bdl	bdl	bdl	bdl	bdl	bdl	0.0080	bdl	bdl	bdl	bdl
Kenova Water Plant	970356	2/11/97	11/13/97	0.0070	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0250
Kenova Water Plant	970419	2/23/97	11/13/97	0.0060	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0150
Kenova Water Plant	970809	3/8/97	11/17/97	0.0110	bdl	bdl	0.0070	bdl	bdl	0.0040	bdl	bdl	bdl	0.0260
Kenova Water Plant	970802	3/20/97	11/17/97	0.0110	bdl	bdl	bdl	bdl	bdl	0.0030	bdl	bdl	bdl	0.0400
Kenova Water Plant	970828	4/3/97	12/2/97	0.0220	bdl	bdl	0.0080	bdl	bdl	0.0070	bdl	bdl	bdl	0.0510
Kenova Water Plant	970818	4/10/97	12/2/97	0.0280	bdl	bdl	0.0070	bdl	bdl	0.0080	bdl	bdl	bdl	0.0570
Kenova Water Plant	970832	4/25/97	12/2/97	0.0150	bdl	bdl	0.0070	bdl	bdl	0.0040	bdl	bdl	bdl	0.0390
Kenova Water Plant	970840	5/6/97	11/19/97	0.0130	bdl	bdl	0.0020	bdl	bdl	0.0030	bdl	bdl	bdl	0.0240
Kenova Water Plant	971002	5/18/97	11/21/97	0.0220	bdl	bdl	0.0050	bdl	bdl	0.0070	bdl	bdl	bdl	0.0340
Kenova Water Plant	971005	5/30/97	11/21/97	0.0130	bdl	bdl	0.0040	bdl	bdl	0.0060	bdl	bdl	bdl	0.0450
Kenova Water Plant	971285	6/11/97	12/1/97	0.0150	bdl	bdl	0.0060	bdl	bdl	0.0040	bdl	bdl	bdl	0.0410
Kenova Water Plant	971286	6/23/97	12/1/97	0.0130	bdl	bdl	0.0040	bdl	bdl	0.0050	bdl	bdl	bdl	0.0540
Kenova Water Plant	971297	7/9/97	12/3/97	0.0120	bdl	bdl	0.0040	bdl	bdl	0.0050	bdl	bdl	bdl	0.0380

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Lockwood Estates	961413	6/19/96	9/12/96	0.4934	bdl	bdl	0.0320	bdl	bdl	2.5117	bdl	bdl	0.0916	0.5104	0.0082	0.3649
Lockwood Estates	961420	7/12/96	9/13/96	0.2415	bdl	bdl	bdl	bdl	bdl	1.8415	bdl	bdl	0.0713	0.5232	0.0101	0.4017
Lockwood Estates	961461	7/23/96	9/16/96	0.2065	bdl	bdl	bdl	bdl	bdl	0.6639	bdl	bdl	0.0889	0.2399	0.0115	0.2270
Lockwood Estates	961509	8/3/96	10/22/96	0.2014	bdl	bdl	bdl	bdl	bdl	0.7267	bdl	bdl	0.1059	0.2021	0.0127	0.1466
Lockwood Estates	961704	8/15/96	10/24/96	0.3229	bdl	bdl	0.0360	bdl	bdl	1.1885	0.0057	bdl	0.0712	0.3355	bdl	0.2861
Lockwood Estates	961697	8/27/96	10/24/96	0.4957	bdl	bdl	0.0442	bdl	0.0009	1.6495	0.0052	bdl	0.0902	0.5260	0.0169	0.3196
Lockwood Estates	961763	9/8/96	11/21/96	0.1671	bdl	bdl	0.0189	bdl	bdl	0.5225	bdl	bdl	0.1085	0.1604	bdl	0.1463
Lockwood Estates	961874	9/20/96	11/21/96	0.1819	bdl	bdl	bdl	bdl	bdl	0.8120	bdl	bdl	0.0961	0.2154	0.0083	0.1725
Lockwood Estates	961974	10/2/96	1/8/97	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	0.0928	0.1563	bdl	bdl
Lockwood Estates	962051	10/14/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0008	1.1271	bdl	bdl	0.1031	0.6127	0.0308	0.0966
Lockwood Estates	962088	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0034	bdl	bdl	bdl	0.0602	0.1847	0.0113	bdl
Lockwood Estates	962162	11/7/96	2/6/97	0.1235	bdl	bdl	bdl	bdl	bdl	0.3924	bdl	bdl	0.0236	0.2538	bdl	0.0991
Lockwood Estates	962162	11/19/96	2/12/97	0.2711	bdl	bdl	bdl	bdl	bdl	2.0614	bdl	bdl	0.0708	0.9540	0.0310	0.5092
Lockwood Estates	962313	12/2/96	3/10/97	0.1148	bdl	bdl	bdl	bdl	bdl	0.3932	bdl	bdl	0.0222	0.1554	bdl	0.0584
Lockwood Estates	962439	12/13/96	3/12/97	0.0318	bdl	bdl	bdl	bdl	bdl	0.2292	bdl	bdl	0.0368	0.1920	0.0078	0.0533
Lockwood Estates	970046	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.4620	bdl	bdl	0.0270	0.0770	bdl	0.0710
Lockwood Estates	970195	1/18/97	10/28/97	0.1370	bdl	bdl	bdl	bdl	bdl	0.8940	bdl	bdl	0.0220	0.1300	0.0080	0.1120
Lockwood Estates	970310	1/31/97	10/28/97	0.1840	bdl	bdl	bdl	bdl	bdl	1.3950	bdl	bdl	0.0500	0.6500	0.0140	0.1760
Lockwood Estates	970353	2/11/97	11/13/97	bdl	bdl	bdl	bdl	bdl	bdl	0.3180	bdl	bdl	0.0150	0.0610	0.0080	0.0790
Lockwood Estates	970424	2/23/97	11/13/97	0.1470	bdl	bdl	bdl	bdl	bdl	0.4770	bdl	bdl	0.0230	0.1100	0.0060	0.1040
Lockwood Estates	970811	3/8/97	11/17/97	0.1750	bdl	bdl	bdl	bdl	bdl	1.1360	bdl	bdl	0.0360	1.1580	0.0090	0.1530
Lockwood Estates	970805	3/20/97	11/17/97	0.1320	bdl	bdl	bdl	bdl	bdl	0.7970	bdl	bdl	0.0290	0.9930	0.0100	0.1540
Lockwood Estates	970822	4/3/97	12/2/97	0.3880	bdl	bdl	0.0300	bdl	bdl	2.3030	bdl	bdl	0.0450	0.7170	0.0070	0.2820
Lockwood Estates	970817	4/10/97	11/19/97	0.3690	bdl	bdl	0.0270	bdl	bdl	2.3290	bdl	bdl	0.0580	1.1280	0.0150	0.4020
Lockwood Estates	970835	4/25/97	11/19/97	0.2250	bdl	bdl	0.0230	bdl	bdl	0.9970	bdl	bdl	0.0380	0.2620	0.0060	0.2000
Lockwood Estates	971008	5/30/97	12/2/97	0.3300	bdl	bdl	0.0320	bdl	bdl	0.8220	bdl	bdl	0.0710	0.2620	0.0060	0.1960
Lockwood Estates	971288	6/23/97	12/1/97	bdl	bdl	bdl	bdl	bdl	bdl	0.8150	bdl	bdl	0.0880	0.2340	0.0060	0.1280
Lockwood Estates	971298	7/9/97	12/3/97	0.2130	bdl	0.0100	0.0180	bdl	bdl	0.9470	0.0020	bdl	0.0630	0.4030	0.0110	0.1670

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Lockwood Estates	961413	6/19/96	9/12/96	0.0207	bdl	bdl	0.0075	bdl	bdl	0.0037	bdl	bdl	bdl	0.0690
Lockwood Estates	961420	7/12/96	9/13/96	0.0204	bdl	bdl	0.0045	bdl	bdl	0.0054	bdl	bdl	bdl	0.0437
Lockwood Estates	961461	7/23/96	9/16/96	0.0141	bdl	bdl	0.0038	bdl	bdl	0.0017	bdl	bdl	bdl	0.0667
Lockwood Estates	961509	8/3/96	10/22/96	0.0087	bdl	0.0086	0.0044	bdl	bdl	0.0037	bdl	bdl	bdl	0.0610
Lockwood Estates	961704	8/15/96	10/24/96	0.0108	bdl	bdl	0.0046	bdl	bdl	0.0022	bdl	bdl	bdl	bdl
Lockwood Estates	961697	8/27/96	10/24/96	0.0179	bdl	0.0078	0.0077	bdl	bdl	0.0065	bdl	bdl	bdl	0.0736
Lockwood Estates	961763	9/8/96	11/21/96	0.0055	bdl	bdl	0.0029	bdl	bdl	0.0010	bdl	bdl	bdl	bdl
Lockwood Estates	961874	9/20/96	11/21/96	0.0098	bdl	bdl	0.0032	bdl	bdl	0.0017	bdl	bdl	bdl	bdl
Lockwood Estates	961974	10/2/96	1/8/97	0.0036	0.0092	bdl	0.0067	bdl	bdl	0.0007	bdl	bdl	bdl	bdl
Lockwood Estates	962051	10/14/96	1/8/97	0.0151	bdl	bdl	0.0066	bdl	bdl	0.0032	bdl	bdl	bdl	0.0580
Lockwood Estates	962088	10/26/96	1/8/97	0.0051	bdl	0.0082	0.0049	bdl	bdl	0.0010	bdl	bdl	bdl	bdl
Lockwood Estates	962162	11/7/96	2/6/97	0.0062	bdl	bdl	bdl	bdl	bdl	0.0013	bdl	bdl	bdl	bdl
Lockwood Estates	962162	11/19/96	2/12/97	0.0340	bdl	0.0120	0.0045	bdl	bdl	0.0064	bdl	bdl	bdl	0.0763
Lockwood Estates	962313	12/2/96	3/10/97	0.0037	bdl	bdl	0.0023	bdl	bdl	0.0011	bdl	bdl	bdl	bdl
Lockwood Estates	962439	12/13/96	3/12/97	0.0086	bdl	bdl	bdl	bdl	bdl	0.0009	bdl	bdl	bdl	bdl
Lockwood Estates	970046	1/6/97	11/10/97	0.0030	bdl	bdl	0.0020	bdl	bdl	0.0010	bdl	bdl	bdl	0.0220
Lockwood Estates	970195	1/18/97	10/28/97	0.0070	bdl	bdl	0.0040	bdl	bdl	0.0020	bdl	bdl	bdl	0.0320
Lockwood Estates	970310	1/31/97	10/28/97	0.0310	bdl	bdl	0.0050	0.0150	bdl	0.0040	bdl	bdl	bdl	0.0580
Lockwood Estates	970353	2/11/97	11/13/97	0.0080	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0290
Lockwood Estates	970424	2/23/97	11/13/97	0.0040	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0180
Lockwood Estates	970811	3/8/97	11/17/97	0.0080	bdl	bdl	0.0030	bdl	bdl	0.0030	bdl	bdl	bdl	0.0300
Lockwood Estates	970805	3/20/97	11/17/97	0.0100	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0610
Lockwood Estates	970822	4/3/97	12/2/97	0.0170	bdl	bdl	0.0080	bdl	bdl	0.0050	bdl	bdl	bdl	0.0430
Lockwood Estates	970817	4/10/97	11/19/97	0.0180	bdl	bdl	0.0080	bdl	bdl	0.0070	bdl	bdl	bdl	0.0390
Lockwood Estates	970835	4/25/97	11/19/97	0.0100	bdl	bdl	0.0040	bdl	bdl	0.0020	bdl	bdl	bdl	0.0330
Lockwood Estates	971008	5/30/97	12/2/97	0.0080	bdl	bdl	0.0050	bdl	bdl	0.0030	bdl	bdl	bdl	0.0270
Lockwood Estates	971288	6/23/97	12/1/97	0.0080	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0350
Lockwood Estates	971298	7/9/97	12/3/97	0.0100	bdl	bdl	0.0040	bdl	bdl	0.0030	bdl	bdl	bdl	0.0400

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Sweet Run	961464	7/23/96	9/27/96	0.5252	bdl	bdl	0.0794	bdl	0.0008	1.7359	bdl	bdl	0.3886	0.4816	0.0116	0.4535
Sweet Run	961510	8/3/96	10/22/96	0.1764	0.0176	bdl	bdl	bdl	0.0015	1.1684	0.0077	bdl	0.2496	0.2784	0.0315	0.1843
Sweet Run	961698	8/15/96	10/24/96	0.2979	bdl	bdl	0.0240	bdl	0.0016	1.8303	bdl	bdl	0.2411	0.5977	0.0181	0.4390
Sweet Run	961695	8/27/96	10/24/96	0.3214	bdl	bdl	0.0340	bdl	0.0016	1.5056	0.0055	bdl	0.4426	0.5156	0.0299	0.2826
Sweet Run	961761	9/8/96	11/21/96	0.1114	bdl	bdl	bdl	bdl	bdl	0.5538	bdl	bdl	0.2021	0.1643	0.0078	0.1092
Sweet Run	961878	9/20/96	11/21/96	0.2269	bdl	bdl	0.0264	bdl	0.0008	1.2268	bdl	bdl	0.2804	0.2550	0.0109	0.2498
Sweet Run	961969	10/2/96	1/7/97	bdl	bdl	bdl	bdl	bdl	0.0009	0.6138	bdl	bdl	0.3822	0.2810	bdl	bdl
Sweet Run	962090	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	0.0109	0.2508	0.0038	bdl	0.1689	0.3033	0.0090	bdl
Sweet Run	962156	11/7/96	2/6/97	0.0854	bdl	bdl	bdl	bdl	0.0009	0.3489	bdl	bdl	0.1688	0.4324	0.0047	0.0738
Sweet Run	962258	11/19/96	2/12/97	0.0311	bdl	bdl	bdl	bdl	0.0032	0.4352	bdl	bdl	0.1678	0.2466	0.0175	0.0555
Sweet Run	962310	12/2/96	3/10/97	0.1108	bdl	bdl	bdl	bdl	bdl	0.8448	bdl	bdl	0.0970	0.7806	0.0144	0.0926
Sweet Run	962436	12/13/96	3/14/97	0.0796	bdl	bdl	bdl	bdl	0.0013	0.9334	bdl	bdl	0.0927	0.3362	0.0139	0.1224
Sweet Run	970045	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.8510	bdl	bdl	0.0590	0.1390	0.0060	0.1130
Sweet Run	970314	1/31/97	11/10/97	0.2190	bdl	bdl	0.0220	bdl	bdl	1.9920	bdl	bdl	0.1160	0.9080	0.0380	0.2770
Sweet Run	970354	2/11/97	11/12/97	bdl	bdl	bdl	bdl	bdl	bdl	0.5820	bdl	bdl	0.0750	0.1790	0.0080	0.0730
Sweet Run	970807	3/8/97	11/17/97	0.1760	bdl	bdl	bdl	bdl	bdl	1.3850	bdl	bdl	0.1380	0.3930	0.0110	0.1810
Sweet Run	970803	3/20/97	11/17/97	0.1270	bdl	bdl	bdl	bdl	bdl	1.0430	bdl	bdl	0.1530	0.1460	0.0140	0.1580
Sweet Run	970824	4/3/97	11/17/97	0.2560	bdl	bdl	0.0190	bdl	bdl	2.4050	bdl	bdl	0.1110	1.6570	0.0110	0.2800
Sweet Run	970819	4/10/97	11/17/97	0.1870	bdl	bdl	bdl	bdl	bdl	2.0070	bdl	bdl	0.0930	0.4210	0.0250	0.2780
Sweet Run	970831	4/25/97	11/18/97	0.2350	bdl	bdl	0.0210	bdl	bdl	2.0830	bdl	bdl	0.2150	0.8090	0.0090	0.3890
Sweet Run	970842	5/6/97	12/3/97	0.2980	bdl	bdl	0.0250	bdl	bdl	0.9580	bdl	bdl	0.1890	0.2780	bdl	0.2190
Sweet Run	970998	5/18/97	11/21/97	0.3810	bdl	bdl	0.0340	bdl	bdl	0.9020	bdl	bdl	0.0550	0.3330	0.0060	0.2150
Sweet Run	971003	5/30/97	11/21/97	0.3570	bdl	bdl	0.0420	bdl	bdl	1.2610	bdl	bdl	0.3130	0.3580	0.0060	0.2530
Sweet Run	971276	6/23/97	12/1/97	bdl	bdl	bdl	bdl	bdl	bdl	0.9200	bdl	bdl	0.2400	0.3740	0.0090	0.1510
Sweet Run	971292	7/9/97	12/3/97	0.1690	bdl	bdl	0.0170	bdl	bdl	0.8290	bdl	bdl	0.4790	0.2870	0.0060	0.1410

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Sweet Run	961464	7/23/96	9/27/96	0.0114	bdl	bdl	0.0033	bdl	bdl	0.0023	bdl	bdl	bdl	0.0515
Sweet Run	961510	8/3/96	10/22/96	0.0165	bdl	0.0290	0.0082	bdl	bdl	0.0021	bdl	0.0084	bdl	0.1200
Sweet Run	961698	8/15/96	10/24/96	0.0155	bdl	bdl	0.0052	bdl	bdl	0.0038	bdl	bdl	bdl	0.0628
Sweet Run	961695	8/27/96	10/24/96	0.0217	bdl	0.0058	0.0097	bdl	bdl	0.0040	bdl	bdl	bdl	0.1049
Sweet Run	961761	9/8/96	11/21/96	0.0061	bdl	bdl	0.0027	bdl	bdl	0.0014	bdl	bdl	bdl	0.0380
Sweet Run	961878	9/20/96	11/21/96	0.0124	bdl	bdl	0.0044	bdl	bdl	0.0020	bdl	bdl	bdl	0.0633
Sweet Run	961969	10/2/96	1/7/97	0.0119	bdl	bdl	0.0047	bdl	bdl	0.0018	bdl	bdl	bdl	0.0540
Sweet Run	962090	10/26/96	1/8/97	0.0085	bdl	0.0143	0.0049	bdl	bdl	0.0007	bdl	bdl	bdl	0.0328
Sweet Run	962156	11/7/96	2/6/97	0.0057	bdl	bdl	0.0017	bdl	bdl	0.0015	bdl	bdl	bdl	bdl
Sweet Run	962258	11/19/96	2/12/97	0.0102	bdl	0.0037	0.0036	bdl	bdl	0.0013	bdl	bdl	bdl	0.0473
Sweet Run	962310	12/2/96	3/10/97	0.0069	bdl	bdl	0.0017	bdl	bdl	0.0025	bdl	bdl	bdl	bdl
Sweet Run	962436	12/13/96	3/14/97	0.0135	bdl	bdl	0.0019	bdl	bdl	0.0019	bdl	bdl	bdl	0.0474
Sweet Run	970045	1/6/97	11/10/97	0.0050	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0250
Sweet Run	970314	1/31/97	11/10/97	0.0390	bdl	bdl	0.0050	bdl	bdl	0.0050	bdl	bdl	bdl	0.0850
Sweet Run	970354	2/11/97	11/12/97	0.0040	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0240
Sweet Run	970807	3/8/97	11/17/97	0.0100	bdl	bdl	0.0020	bdl	bdl	0.0030	bdl	bdl	bdl	0.0370
Sweet Run	970803	3/20/97	11/17/97	0.0110	bdl	bdl	bdl	0.0010	bdl	0.0020	bdl	bdl	bdl	0.0440
Sweet Run	970824	4/3/97	11/17/97	0.0180	bdl	bdl	0.0070	bdl	bdl	0.0060	bdl	bdl	bdl	0.0440
Sweet Run	970819	4/10/97	11/17/97	0.0200	bdl	bdl	0.0050	bdl	bdl	0.0040	bdl	bdl	bdl	0.0360
Sweet Run	970831	4/25/97	11/18/97	0.0180	bdl	bdl	0.0060	bdl	bdl	0.0040	bdl	bdl	bdl	0.0520
Sweet Run	970842	5/6/97	12/3/97	0.0110	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0270
Sweet Run	970998	5/18/97	11/21/97	0.0170	bdl	bdl	0.0030	bdl	bdl	0.0020	bdl	bdl	bdl	0.0290
Sweet Run	971003	5/30/97	11/21/97	0.0090	bdl	bdl	bdl	bdl	bdl	0.0030	bdl	bdl	bdl	0.0470
Sweet Run	971276	6/23/97	12/1/97	0.0090	bdl	bdl	0.0020	bdl	bdl	0.0020	bdl	bdl	bdl	0.0380
Sweet Run	971292	7/9/97	12/3/97	0.0080	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0310

Metals Data
(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium
Webbville	961415	6/19/96	9/13/96	0.1194	bdl	bdl	bdl	bdl	bdl	0.5381	bdl	bdl	0.3006	0.2054	bdl	0.1385
Webbville	961422	7/12/96	9/16/96	0.2371	bdl	bdl	0.0233	bdl	bdl	1.3528	bdl	bdl	0.1540	0.2788	bdl	0.2588
Webbville	961463	7/23/96	9/16/96	0.2588	bdl	bdl	0.0189	bdl	0.0054	0.5099	bdl	bdl	0.3827	0.1413	0.0159	0.1376
Webbville	961516	8/3/96	10/22/96	0.1457	bdl	bdl	bdl	bdl	bdl	0.6076	bdl	bdl	0.1343	0.0948	0.0107	0.1356
Webbville	961701	8/15/96	10/24/96	0.2663	bdl	bdl	0.0340	bdl	bdl	0.8324	0.0052	bdl	0.2189	0.1116	bdl	0.2228
Webbville	961690	8/27/96	10/24/96	0.2705	bdl	bdl	0.0327	bdl	bdl	0.8503	bdl	bdl	0.1761	0.1049	bdl	0.2084
Webbville	961759	9/8/96	11/21/96	0.1537	bdl	bdl	bdl	bdl	bdl	0.6260	bdl	bdl	0.1775	0.0725	bdl	0.1585
Webbville	961879	9/20/96	11/21/96	0.0715	bdl	bdl	bdl	bdl	bdl	0.4131	bdl	bdl	0.1152	0.0911	bdl	0.1310
Webbville	961970	10/2/96	1/7/97	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	0.1426	0.0433	bdl	bdl
Webbville	962085	10/26/96	1/8/97	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	bdl	0.6062	1.8032	bdl	bdl
Webbville	962155	11/7/96	2/6/97	0.0742	bdl	bdl	bdl	bdl	bdl	0.2606	bdl	bdl	0.1432	0.1519	bdl	0.0676
Webbville	962255	11/19/96	2/12/97	0.0072	bdl	bdl	bdl	bdl	bdl	0.3118	bdl	bdl	0.1589	0.1894	0.0161	0.0526
Webbville	962314	12/2/96	3/10/97	0.1024	bdl	bdl	bdl	bdl	bdl	0.3093	bdl	bdl	0.1141	0.0849	bdl	0.0451
Webbville	962440	12/13/96	3/14/97	0.0384	bdl	bdl	bdl	bdl	bdl	0.3384	bdl	bdl	0.1075	0.1073	0.0082	0.0384
Webbville	970047	1/6/97	11/10/97	bdl	bdl	bdl	bdl	bdl	bdl	0.4400	bdl	bdl	0.0960	0.0590	bdl	0.0650
Webbville	970196	1/18/97	10/28/97	bdl	0.0390	bdl	0.0490	0.0420	bdl	0.6770	0.0420	0.0440	0.0680	0.0870	bdl	0.0810
Webbville	970311	1/31/97	10/28/97	bdl	bdl	bdl	bdl	bdl	bdl	1.1360	bdl	bdl	0.0870	0.1260	0.0110	0.0590
Webbville	970350	2/11/97	11/13/97	bdl	bdl	bdl	bdl	bdl	bdl	0.2720	bdl	bdl	0.0890	0.0770	0.0070	0.0590
Webbville	970423	2/23/97	11/13/97	bdl	bdl	bdl	bdl	bdl	bdl	0.3930	bdl	bdl	0.1100	0.0710	bdl	0.0690
Webbville	970810	3/8/97	11/17/97	0.1290	bdl	bdl	bdl	bdl	bdl	0.8790	bdl	bdl	0.0900	0.1320	0.0160	0.1160
Webbville	970806	3/20/97	11/17/97	bdl	bdl	bdl	bdl	bdl	bdl	0.4910	bdl	bdl	0.1260	0.0820	0.0110	0.0770
Webbville	970821	4/3/97	11/19/97	0.2250	bdl	bdl	0.0210	bdl	bdl	1.1420	bdl	bdl	0.1030	0.2100	bdl	0.1710
Webbville	970816	4/10/97	11/19/97	0.3040	bdl	bdl	0.0240	bdl	bdl	1.4770	bdl	bdl	0.0890	0.2760	bdl	0.2780
Webbville	970836	4/25/97	11/19/97	0.2070	bdl	bdl	0.0240	bdl	bdl	1.0120	bdl	bdl	0.1190	0.1280	bdl	0.1730
Webbville	970844	5/6/97	11/21/97	0.4480	bdl	bdl	0.0380	bdl	bdl	1.0020	bdl	bdl	0.1020	0.2950	bdl	0.2540
Webbville	971000	5/18/97	11/21/97	0.3960	bdl	bdl	0.0390	bdl	bdl	0.8850	bdl	bdl	0.1500	0.2140	bdl	0.2160
Webbville	971009	5/30/97	12/3/97	0.1120	bdl	bdl	bdl	bdl	bdl	0.2940	bdl	bdl	0.1370	0.0650	bdl	0.0800
Webbville	971291	6/11/97	12/1/97	0.0820	bdl	bdl	bdl	bdl	bdl	0.3170	bdl	bdl	0.1360	0.0650	bdl	0.0790
Webbville	971290	6/23/97	12/3/97	bdl	bdl	bdl	bdl	bdl	bdl	0.6030	bdl	bdl	0.1120	0.1100	bdl	0.0800
Webbville	971299	7/9/97	12/3/97	0.1430	bdl	bdl	bdl	bdl	bdl	0.3630	bdl	bdl	0.0910	0.1090	bdl	0.1180

Note:

Metals Data

(ug/m^3)

SITE	LOG #	Sampling Date	Analysis Date	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc
Webbville	961415	6/19/96	9/13/96	0.0079	bdl	bdl	0.0053	bdl	bdl	0.0013	bdl	bdl	bdl	bdl
Webbville	961422	7/12/96	9/16/96	0.0132	bdl	bdl	0.0027	bdl	bdl	0.0024	bdl	bdl	bdl	bdl
Webbville	961463	7/23/96	9/16/96	0.0072	bdl	bdl	0.0028	bdl	bdl	0.0010	bdl	bdl	bdl	0.1295
Webbville	961516	8/3/96	10/22/96	0.0046	bdl	bdl	0.0022	bdl	bdl	0.0011	bdl	bdl	bdl	bdl
Webbville	961701	8/15/96	10/24/96	0.0052	bdl	bdl	0.0024	bdl	bdl	0.0011	bdl	bdl	bdl	0.0614
Webbville	961690	8/27/96	10/24/96	0.0050	bdl	bdl	0.0020	bdl	bdl	0.0011	bdl	bdl	bdl	bdl
Webbville	961759	9/8/96	11/21/96	0.0043	bdl	bdl	bdl	bdl	bdl	0.0009	bdl	bdl	bdl	bdl
Webbville	961879	9/20/96	11/21/96	0.0089	bdl	bdl	0.0020	bdl	bdl	0.0008	bdl	bdl	bdl	bdl
Webbville	961970	10/2/96	1/7/97	0.0024	bdl	bdl	0.0019	bdl	bdl	0.0004	bdl	bdl	bdl	bdl
Webbville	962085	10/26/96	1/8/97	0.0080	bdl	bdl	0.0028	bdl	bdl	0.0005	bdl	bdl	bdl	bdl
Webbville	962155	11/7/96	2/6/97	0.0039	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0418
Webbville	962255	11/19/96	2/12/97	0.0102	bdl	bdl	bdl	bdl	bdl	0.0011	bdl	bdl	bdl	0.0524
Webbville	962314	12/2/96	3/10/97	0.0021	bdl	bdl	0.0024	bdl	bdl	0.0009	bdl	bdl	bdl	bdl
Webbville	962440	12/13/96	3/14/97	0.0050	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	bdl
Webbville	970047	1/6/97	11/10/97	0.0030	bdl	bdl	0.0030	bdl	bdl	0.0010	bdl	bdl	bdl	0.0170
Webbville	970196	1/18/97	10/28/97	0.0030	bdl	0.0420	0.0020	0.0370	bdl	0.0010	0.0420	bdl	0.0400	0.0290
Webbville	970311	1/31/97	10/28/97	0.0110	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0380
Webbville	970350	2/11/97	11/13/97	0.0030	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0250
Webbville	970423	2/23/97	11/13/97	0.0020	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0150
Webbville	970810	3/8/97	11/17/97	0.0060	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0270
Webbville	970806	3/20/97	11/17/97	0.0040	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0250
Webbville	970821	4/3/97	11/19/97	0.0070	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0290
Webbville	970816	4/10/97	11/19/97	0.0090	bdl	bdl	bdl	bdl	bdl	0.0040	bdl	bdl	bdl	0.0230
Webbville	970836	4/25/97	11/19/97	0.0050	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0200
Webbville	970844	5/6/97	11/21/97	0.0140	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0210
Webbville	971000	5/18/97	11/21/97	0.0150	bdl	bdl	bdl	bdl	bdl	0.0020	bdl	bdl	bdl	0.0190
Webbville	971009	5/30/97	12/3/97	0.0030	bdl	bdl	bdl	bdl	bdl	0.0000	bdl	bdl	bdl	0.0170
Webbville	971291	6/11/97	12/1/97	0.0030	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0180
Webbville	971290	6/23/97	12/3/97	0.0030	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0190
Webbville	971299	7/9/97	12/3/97	0.0050	bdl	bdl	bdl	bdl	bdl	0.0010	bdl	bdl	bdl	0.0220

Note:

"bdl" indicates that the result is below the discrimintation limit. Blank subtraction was applied as required.

All Cu concentrations are suspect since the Hi-Vol instruments containg graphite brushes which are in contact with Cu commutators.

Samples were analyzed by following the WV OAQ-SOP-ICP-2; Standard Operating Procedure for the Inductively Coupled Argon Plasma Atomic Emission Spectrometer Determination of Trace Elements in Suspended Particulate Matter Collected on Glass-Fiber Filters.

MOBILE SAMPLER DATA

TRI-STATE DATA FILES

All data presented in this Appendix have been data validated.

Data from Mobile Laboratory

1. The data set contains the qualifiers J, and Q. These data qualifiers indicate that the data are qualified as estimated during data validation.

2. The data set contains the qualifier L. This should be used with water samples only. No modification to the data set was made on this basis.

3. The data set contains the qualifier B indicating that the analyte was found in blanks. These data have been used in the risk assessment as one half the sample specific quantitation limit of 1 ug/m^3.

4. Sample time is given as military time.

5. Several of the data have the < qualifier. The < means that the associated value is a non-detected result.

Kentucky Division of Environmental Services - Data Quality Flags

Qualifier	Meaning
A	Average Value
B	Analyte Found In Blank
C	Confirmed by GC/MS
F	No Field Blank
G	Tentative on GC/MS
I	Improper Container
J	Estimated Value
L	Exceeds Drinking Water MCL
M	Instrument Failure
N	Presumptive Identification
P	Improper Preservative
Q	QC Limits Exceeded
R	Insufficient Resources
S	Insufficient Sample
T	Exceeded Holding Time
U	Analyte Not Detected
Z	Laboratory Accident

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9603772	10/16/96	1625	Kenova Fire Station	8.53	J	1.85	J	1.38		1.16		<1		<1		<1		<1		<1	Q	<1		<1	
9603773	10/16/96	1728	Kenova Fire Station	8.63	J	1.74	J	1.4		1.13		<1		<1		<1		<1		<1	Q	<1		<1	
9603774	10/16/96	1830	Kenova Fire Station	9.35	J	1.73	J	1.53		<1		1.49		4.61		1.19		1.54		4.03	JQ	1.79		<1	
9603775	10/16/96	1932	Kenova Fire Station	10	J	1.74	J	1.54		<1		3.36		7.49		1.73		2.44		6.07	JQ	3.04		1.01	
9603776	10/16/96	2034	Kenova Fire Station	10.3	J	1.83	J	1.49		<1		4.2		18.3		2.37		3.52		7.49	JQ	4.41		1.33	
9603777	10/16/96	2137	Kenova Fire Station	12.3	J	3.2	J	1.87		<1		5.28		14.1		2.54		3.19		3.24	JQ	4.73		1.5	
9603778	10/16/96	2239	Kenova Fire Station	11.3	J	3.07	J	1.86		<1		2.88		8.79		1.13		<1		4.06	JQ	1.71		<1	
9603779	10/16/96	2341	Kenova Fire Station	35.6	J	7.04	J	2.16		<1		7.5		16.1		2.2		3.19		7.66	JQ	3.65		1.2	
9603780	10/17/96	0043	Kenova Fire Station	12.4	J	3.8	J	2		<1		3.58		7.78		4.44		1.96		1.26	JQ	1.9		1	
9603781	10/17/96	0145	Kenova Fire Station	14.2	J	3.21	J	2.05		<1		1.72		1.15		1.09		<1		1.33	JQ	1.65		<1	
9603782	10/17/96	0247	Kenova Fire Station	12.8	J	2.02	J	1.89		<1		1.3		<1		<1		<1		2.06	JQ	1.44		<1	
9603783	10/17/96	1559	Kenova Fire Station	8.88	J	2.57	JQ	1.68		1.12		<1		<1		<1		<1		<1		<1		<1	Q
9603784	10/17/96	1716	Kenova Fire Station	9.22	J	1.81	JQ	1.87		1.14		<1		<1		<1		<1		<1		<1		<1	Q
9603785	10/17/96	1821	Kenova Fire Station	9.98	J	1.59	JQ	2.13		1.16		<1		<1		<1		<1		<1		<1		<1	Q
9603786	10/17/96	1926	Kenova Fire Station	9.12	J	3.16	JQ	1.73		1.15		<1		1.25		<1		<1		<1		<1		<1	Q
9603787	10/17/96	2031	Kenova Fire Station	16.1	J	1.4	JQ	1.78		<1		3.49		7.96		1.92		2.65		6.27	J	3.56		<1	Q
9603788	10/17/96	2136	Kenova Fire Station	11.4	J	1.06	JQ	1.76		1.09		3.29		8.1		1.73		2.35		6.08	J	3.46		<1	Q
9603789	10/17/96	2241	Kenova Fire Station	18.2	J	6.67	JQ	1.84		1.03		4.54		10.2		2.31		3.39		7.96	J	4.44		1.18<	Q
9603790	10/17/96	2346	Kenova Fire Station	10.8	J	1	Q	1.79		1.09		1.49		5.23		1.14		1.54		3.89	J	1.91		<1	Q
9603791	10/18/96	0051	Kenova Fire Station	10.8	J	4.01	JQ	1.79		1.16		<1		2.89		<1		<1		2.18	J	1.12		<1	Q
9603792	10/18/96	0156	Kenova Fire Station	13.5	J	1.52	JQ	1.81		1.14		1.22		4.69		<1		1.32		3.3	J	1.55		<1	Q
9603793	10/18/96	0301	Kenova Fire Station	13.6	J	2.16	JQ	1.85		1.12		1.47		7.79		1.23		1.66		4	J	2.18		<1	Q
9603794	10/18/96	0406	Kenova Fire Station	14.5	J	2.06	JQ	1.8		1.19		1.18		5.24		<1		1.13		2.8	J	1.55		<1	Q
9603795	10/18/96	1229	Kenova Fire Station	8.88	J	2.11	J	1.72		1.11		3.73		<1		<1		<1	Q	<1		<1	Q	<1	Q
9603796	10/18/96	1343	Kenova Fire Station	8.98	J	1.4	J	1.73		1.16		<1		<1		<1		<1	Q	<1		<1		<1	Q
9603797	10/19/96	1454	Kenova Fire Station	<1		<1	Q	<1		<1		<1		<1		<1		<1		1		<1	Q	<1	
9603798	10/19/96	1610	Kenova Fire Station	<1		<1	Q	<1		<1		<1		<1		<1		<1		<1		<1	Q	<1	
9603799	10/19/96	1715	Kenova Fire Station	<1		<1	Q	<1		<1		<1		<1		<1		<1		<1		<1	Q	<1	
9603800	10/19/96	1822	Kenova Fire Station	9.23	J	2.94	JQ	1.77		1.13		<1		1.6		<1		<1		1.05		<1	Q	<1	
9603801	10/19/96	1927	Kenova Fire Station	9.37	J	3.06	JQ	1.73		<1		1.34		3.08		<1		<1		1.59		<1	Q	<1	
9603802	10/19/96	2035	Kenova Fire Station	9.34	J	2.08	JQ	1.75		1.12		<1		1.97		<1		<1		1.71		<1	Q	<1	
9603803	10/19/96	2140	Kenova Fire Station	9.39	J	2.02	JQ	1.77		1.14		<1		1.76		<1		<1		1.5		<1	Q	<1	
9603804	10/19/96	2245	Kenova Fire Station	9.66	J	2.6	JQ	1.76		1.18		<1		1.03		<1		<1		<1		<1	Q	<1	
9603805	10/19/96	2350	Kenova Fire Station	9.47	J	1.93	JQ	1.77		1.13		<1		1.05		<1		<1		<1		<1	Q	<1	
9603806	10/20/96	0055	Kenova Fire Station	9.11	J	2.15	JQ	1.8		1.14		<1		<1		<1		<1		<1		<1	Q	<1	
9603807	10/20/96	1411	Kenova Fire Station	10.6	JQ	2.99	JQ	2.22	JQ	1.52	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603808	10/20/96	1459	Kenova Fire Station	10.3	JQ	1.98	JQ	2	JQ	1.42	JQ	<1	Q	1.07	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603809	10/20/96	1608	Kenova Fire Station	10.1	JQ	1.61	JQ	2.07	JQ	1.27	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603810	10/20/96	1713	Kenova Fire Station	10.1	JQ	1.87	JQ	2.12	JQ	1.32	JQ	<1	Q	1.02	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603811	10/20/96	1822	Kenova Fire Station	10.7	JQ	1.72	JQ	2.06	JQ	1.35	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603812	10/20/96	2036	Kenova Fire Station	10.4	JQ	1.63	JQ	2.17	JQ	1.38	JQ	<1	Q	1.02	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603813	10/20/96	2145	Kenova Fire Station	10.9	JQ	1	Q	2.16	JQ	1.29	JQ	<1	Q	2.08	JQ	<1	Q	<1	Q	1.86	JQ	<1	Q	<1	Q
9603814	10/20/96	2253	Kenova Fire Station	11.2	JQ	2.05	JQ	2.19	JQ	1.41	JQ	<1	Q	1.74	JQ	<1	Q	<1	Q	1.35	JQ	<1	Q	<1	Q
9603815	10/21/96	0001	Kenova Fire Station	10.8	JQ	2.87	JQ	2.16	JQ	1.37	JQ	<1	Q	1.78	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603816	10/21/96	0109	Kenova Fire Station	10.6	JQ	1.37	JQ	2.13	JQ	1.3	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9603772	10/16/96	1625	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603773	10/16/96	1728	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603774	10/16/96	1830	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603775	10/16/96	1932	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603776	10/16/96	2034	Kenova Fire Station	6.08		1.21	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603777	10/16/96	2137	Kenova Fire Station	1.78		2.5	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603778	10/16/96	2239	Kenova Fire Station	<1		1.5	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603779	10/16/96	2341	Kenova Fire Station	2.16		1.51	J	1.46		<1		<1		<1		<1		<1		<1		<1		<1	
9603780	10/17/96	0043	Kenova Fire Station	1.42		2.7	J	2.02		<1		<1		<1		<1		<1		<1		<1		<1	
9603781	10/17/96	0145	Kenova Fire Station	<1		1.16	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603782	10/17/96	0247	Kenova Fire Station	<1		1.22	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603783	10/17/96	1559	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603784	10/17/96	1716	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603785	10/17/96	1821	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603786	10/17/96	1926	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603787	10/17/96	2031	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603788	10/17/96	2136	Kenova Fire Station	<1	Q	1.53	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603789	10/17/96	2241	Kenova Fire Station	<1	Q	2.78	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603790	10/17/96	2346	Kenova Fire Station	<1	Q	2.81	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603791	10/18/96	0051	Kenova Fire Station	<1	Q	1.38	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603792	10/18/96	0156	Kenova Fire Station	<1	Q	1.1	J	<1		1.18		<1		<1		<1		<1		<1		<1		<1	
9603793	10/18/96	0301	Kenova Fire Station	<1	Q	2.53	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603794	10/18/96	0406	Kenova Fire Station	<1	Q	2.65		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603795	10/18/96	1229	Kenova Fire Station	<1	Q	<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	Q	<1	
9603796	10/18/96	1343	Kenova Fire Station	<1	Q	<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	Q	<1	
9603797	10/19/96	1454	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603798	10/19/96	1610	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603799	10/19/96	1715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603800	10/19/96	1822	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603801	10/19/96	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603802	10/19/96	2035	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603803	10/19/96	2140	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603804	10/19/96	2245	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603805	10/19/96	2350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603806	10/20/96	0055	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603807	10/20/96	1411	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603808	10/20/96	1459	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603809	10/20/96	1608	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603810	10/20/96	1713	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603811	10/20/96	1822	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603812	10/20/96	2036	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603813	10/20/96	2145	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	4.95	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603814	10/20/96	2253	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	1.44	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603815	10/21/96	0001	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603816	10/21/96	0109	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9603772	10/16/96	1625	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603773	10/16/96	1728	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603774	10/16/96	1830	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603775	10/16/96	1932	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603776	10/16/96	2034	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603777	10/16/96	2137	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603778	10/16/96	2239	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603779	10/16/96	2341	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603780	10/17/96	0043	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603781	10/17/96	0145	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603782	10/17/96	0247	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603783	10/17/96	1559	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603784	10/17/96	1716	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603785	10/17/96	1821	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603786	10/17/96	1926	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603787	10/17/96	2031	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603788	10/17/96	2136	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603789	10/17/96	2241	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603790	10/17/96	2346	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603791	10/18/96	0051	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603792	10/18/96	0156	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603793	10/18/96	0301	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603794	10/18/96	0406	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603795	10/18/96	1229	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603796	10/18/96	1343	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603797	10/19/96	1454	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603798	10/19/96	1610	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603799	10/19/96	1715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603800	10/19/96	1822	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603801	10/19/96	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603802	10/19/96	2035	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603803	10/19/96	2140	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603804	10/19/96	2245	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603805	10/19/96	2350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603806	10/20/96	0055	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603807	10/20/96	1411	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603808	10/20/96	1459	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603809	10/20/96	1608	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603810	10/20/96	1713	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603811	10/20/96	1822	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603812	10/20/96	2036	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603813	10/20/96	2145	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603814	10/20/96	2253	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603815	10/21/96	0001	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603816	10/21/96	0109	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9603817	10/21/96	0217	Kenova Fire Station	10.7	JQ	2.61	JQ	2.1	JQ	1.26	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603818	10/21/96	0324	Kenova Fire Station	10.8	JQ	1.98	JQ	2.09	JQ	1.5	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603819	10/21/96	1607	Kenova Fire Station	9.18	J	2.97	J	1.75	Q	1.13		<1		<1		<1		<1		<1		<1	Q	<1	
9603820	10/21/96	1700	Kenova Fire Station	9.49	J	2.19	J	1.72	Q	1.16		<1		<1		<1		<1		<1		<1	Q	<1	
9603821	10/21/96	1804	Kenova Fire Station	9.28	J	1.55	J	1.79	Q	1.09		<1		2.15		<1		<1		1.35		<1	Q	<1	
9603822	10/21/96	1908	Kenova Fire Station	9.32	J	2.59	J	1.83	Q	1.12		<1		1.08		<1		<1		<1		<1	Q	<1	
9603823	10/21/96	2013	Kenova Fire Station	9.49	J	2.61	J	1.68	Q	1.15		<1		1.14		<1		<1		<1		<1	Q	<1	
9603824	10/21/96	2118	Kenova Fire Station	10.4	J	2.17	J	1.86	Q	1.08		1.24		3.75		<1		1.09		2.07		1.22	Q	<1	
9603825	10/21/96	2223	Kenova Fire Station	11.1	J	2.76	J	1.85	Q	1.1		1.17		3.75		<1		1.21		2.97		3.31	Q	<1	
9603826	10/21/96	2328	Kenova Fire Station	10.9	J	2.79	J	1.73	Q	<1		2.72		6.12		1.38		2.02		4.84		3.6	Q	<1	
9603827	10/22/96	0033	Kenova Fire Station	10.1	J	1.97	J	1.75	Q	1.13		1.2		3.14		<1		<1		2.24		1.09	Q	<1	
9603828	10/22/96	0138	Kenova Fire Station	10.6	J	2.19	J	1.81	Q	1.18		<1		1.77		<1		<1		1.1		<1	Q	<1	
9603829	10/22/96	0243	Kenova Fire Station	10.2	J	2.18	J	1.75	Q	1.09		<1		1.45		<1		<1		1.09		<1	Q	<1	
9603830	10/22/96	0348	Kenova Fire Station	10.1	J	2.61	J	1.71	Q	1.16		<1		1.02		<1		<1		<1		<1	Q	<1	
9603831	10/22/96	0453	Kenova Fire Station	10.3	J	2.61	J	1.81	Q	1.16		<1		1.4		<1		<1		<1		<1	Q	<1	
9603832	10/22/96	0558	Kenova Fire Station	10	J	2.78	J	1.6	Q	1.2		<1		1.21		<1		<1		<1		<1	Q	<1	
9603833	10/22/96	0703	Kenova Fire Station	10.5	J	2.86	J	1.75	Q	1.18		1.07		2.74		<1		<1		2.04		1.19	Q	<1	
9603834	10/22/96	0808	Kenova Fire Station	10.3	J	2.02	J	1.81	Q	<1		3.57		6.83		1.45		2.04		5.19		2.41	Q	<1	
9603835	10/22/96	0914	Kenova Fire Station	11.7	J	2.8	J	1.76	Q	1.12		1.63		5.34		1.32		1.7		4.47		1.95	Q	<1	
9603836	10/22/96	1019	Kenova Fire Station	20.9	J	3.19	J	1.82	Q	1.12		2.79		6.74		1.63		2.02		5.45		2	Q	<1	
9603837	10/22/96	1642	Kenova Fire Station	9.67	J	2.8	J	1.83		<1		1.13		1.84		1.28		<1		1.46		<1		<1	
9603889	10/23/96	0759	Kenova Fire Station	17.2	J	5.64	J	3.9		2.38		<1		<1		<1		<1		<1		<1		<1	
9603890	10/23/96	0911	Kenova Fire Station	9.22	J	2.84	J	1.75		1.13		<1		1.16		<1		<1		<1		<1		<1	
9603891	10/23/96	1018	Kenova Fire Station	9.51	J	2.33	J	1.88		1.17		<1		2.83		<1		<1		<1		<1		<1	
9603892	10/23/96	1608	Kenova Fire Station	9.36	J	3.11	J	1.92		1.16		<1		<1		<1		<1		<1		<1		<1	
9603893	10/23/96	1720	Kenova Fire Station	10	J	2.86	J	1.87		1.16		<1		<1		<1		<1		<1		<1		<1	
9603894	10/23/96	1827	Kenova Fire Station	9.64	J	2.61	J	1.78		1.11		<1		<1		<1		<1		<1		<1		<1	
9603895	10/23/96	1934	Kenova Fire Station	10.2	J	2.41	J	1.81		1.08		1.11		3.27		<1		<1		1.98		<1		<1	
9603896	10/23/96	2043	Kenova Fire Station	11.5	J	2.57	J	1.85		1.04		4.25		10		2.13		2.99		7.54		3.04		<1	
9603897	10/23/96	2151	Kenova Fire Station	10.4	J	2.69	J	1.84		1.13		<1		1.39		<1		<1		1.2		<1		<1	
9603898	10/23/96	2259	Kenova Fire Station	9.85	J	2.72	J	1.84		1.17		<1		<1		<1		<1		<1		<1		<1	
9603899	10/24/96	1344	Kenova Fire Station	9.44	J	2.66	J	1.8		1.12		<1		<1		<1		<1		<1		<1		<1	
9603900	10/24/96	1456	Kenova Fire Station	9.44	J	2.75	J	1.82		1.18		<1		<1		<1		<1		<1		<1		<1	
9603901	10/24/96	1605	Kenova Fire Station	9.47	J	2.64	J	1.83		1.17		<1		<1		<1		<1		<1		<1		<1	
9603902	10/24/96	1723	Kenova Fire Station	9.59	J	2.64	J	1.78		1.13		<1		<1		<1		<1		<1		<1		<1	
9603903	10/24/96	1836	Kenova Fire Station	9.9	J	2.68	J	1.8		1.14		1.43		6.54		1.81		1.94		5.83		1.14		<1	
9603904	10/24/96	1946	Kenova Fire Station	9.93	J	2.67	J	1.81		1.11		<1		3.1		<1		1.06		2.68		1.09		<1	
9603905	10/24/96	2054	Kenova Fire Station	10.9	J	2.8	J	1.83		1.19		1.67		6.96		1.53		2.16		5.4		2.26		<1	
9603906	10/24/96	2204	Kenova Fire Station	11.6	J	2.47	J	1.9		1.07		3.34		14.4		1.94		2.75		6.8		3.19		<1	
9603907	10/24/96	2312	Kenova Fire Station	11.3	J	2.08	J	1.84		1.06		4.41		11.2		2.1		2.95		7.38		3.52		<1	
9603908	10/25/96	0023	Kenova Fire Station	11.5	J	2.18	J	1.85		<1		7.67		16.1		2.27		3.03		7.69		3.87		1.02	
9603909	10/25/96	0132	Kenova Fire Station	12	J	2.21	J	1.89		<1		4.72		8.83		1.43		1.89		4.94		2.12		<1	
9603910	10/25/96	0241	Kenova Fire Station	10.7	J	3.07	J	1.84		1.13		1.31		6.07		<1		1.11		2.76		2.95		<1	
9603911	10/25/96	0350	Kenova Fire Station	11.3	J	2.99	J	1.79		1.12		1.22		5.64		<1		<1		2.28		<1		<1	
9603912	10/25/96	0459	Kenova Fire Station	10.8	J	2.93	J	1.82		1.17		1.34		11.6		<1		1.08		2.91		1.12		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9603817	10/21/96	0217	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	2.98	JQ	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603818	10/21/96	0324	Kenova Fire Station	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q	<1	Q
9603819	10/21/96	1607	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603820	10/21/96	1700	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603821	10/21/96	1804	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603822	10/21/96	1908	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603823	10/21/96	2013	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603824	10/21/96	2118	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603825	10/21/96	2223	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603826	10/21/96	2328	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603827	10/22/96	0033	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603828	10/22/96	0138	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603829	10/22/96	0243	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603830	10/22/96	0348	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603831	10/22/96	0453	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603832	10/22/96	0558	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603833	10/22/96	0703	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603834	10/22/96	0808	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603835	10/22/96	0914	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603836	10/22/96	1019	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603837	10/22/96	1642	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603889	10/23/96	0759	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		1.18		<1		<1		<1		<1	
9603890	10/23/96	0911	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603891	10/23/96	1018	Kenova Fire Station	<1		<1		1.61		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603892	10/23/96	1608	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603893	10/23/96	1720	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603894	10/23/96	1827	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603895	10/23/96	1934	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603896	10/23/96	2043	Kenova Fire Station	<1		<1		<1		<1		<1		1.54		<1		<1		<1		<1		<1	
9603897	10/23/96	2151	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603898	10/23/96	2259	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603899	10/24/96	1344	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603900	10/24/96	1456	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603901	10/24/96	1605	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603902	10/24/96	1723	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603903	10/24/96	1836	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603904	10/24/96	1946	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603905	10/24/96	2054	Kenova Fire Station	<1		<1		<1		<1		<1		1.15		<1		<1		<1		<1		<1	
9603906	10/24/96	2204	Kenova Fire Station	<1		1.26	J	<1		<1		<1		1.45		<1		<1		<1		<1		<1	
9603907	10/24/96	2312	Kenova Fire Station	<1		2.97	J	1.08		<1		<1		1.58		<1		<1		<1		<1		<1	
9603908	10/25/96	0023	Kenova Fire Station	<1		3.2	J	3.72		<1		<1		1.63		<1		<1		<1		<1		<1	
9603909	10/25/96	0132	Kenova Fire Station	<1		2.6	J	2.01		<1		<1		1.01		<1		<1		<1		<1		<1	
9603910	10/25/96	0241	Kenova Fire Station	<1		1.29	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603911	10/25/96	0350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603912	10/25/96	0459	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9603817	10/21/96	0217	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603818	10/21/96	0324	Kenova Fire Station	<1	Q	<1		<1		<1		<1		<1		<1		<1		<1
9603819	10/21/96	1607	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603820	10/21/96	1700	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603821	10/21/96	1804	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603822	10/21/96	1908	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603823	10/21/96	2013	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603824	10/21/96	2118	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603825	10/21/96	2223	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603826	10/21/96	2328	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603827	10/22/96	0033	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603828	10/22/96	0138	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603829	10/22/96	0243	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603830	10/22/96	0348	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603831	10/22/96	0453	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603832	10/22/96	0558	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603833	10/22/96	0703	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603834	10/22/96	0808	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603835	10/22/96	0914	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603836	10/22/96	1019	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603837	10/22/96	1642	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603889	10/23/96	0759	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603890	10/23/96	0911	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603891	10/23/96	1018	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603892	10/23/96	1608	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603893	10/23/96	1720	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603894	10/23/96	1827	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603895	10/23/96	1934	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603896	10/23/96	2043	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603897	10/23/96	2151	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603898	10/23/96	2259	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603899	10/24/96	1344	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603900	10/24/96	1456	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603901	10/24/96	1605	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603902	10/24/96	1723	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603903	10/24/96	1836	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603904	10/24/96	1946	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603905	10/24/96	2054	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603906	10/24/96	2204	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603907	10/24/96	2312	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603908	10/25/96	0023	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603909	10/25/96	0132	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603910	10/25/96	0241	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603911	10/25/96	0350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603912	10/25/96	0459	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9603913	10/25/96	0608	Kenova Fire Station	11.5	J	2.34	J	1.87		1.14		3.04		7.66		1.28		1.75		4.6		1.92		<1	
9603914	10/25/96	1508	Kenova Fire Station	13.4	J	2.44	J	1.85		1.1		3.66		10		2.88		3.71		10.6		2.86		<1	
9603915	10/25/96	1619	Kenova Fire Station	12.5	J	2.33	J	1.82		<1		4.08		10.9		2.69		3.66		9.98		3.27		<1	
9603916	10/25/96	1729	Kenova Fire Station	13.1	J	2.22	J	1.83		<1		7.4		16.6		3.76		5.45		13.9		5.25		1.34	
9603917	10/25/96	1838	Kenova Fire Station	12.7	J	2.29	J	1.81		<1		14.1		25.4		4.21		5.93		15.6		5.24		1.31	
9603918	10/25/96	1948	Kenova Fire Station	10.7	J	2.38	J	1.76		1.12		2.99		5.91		1.32		1.78		4.69		1.93		<1	
9603919	10/25/96	2058	Kenova Fire Station	10.8	J	3.5	J	1.83		1.08		3.25		7.43		1.66		2.22		5.92		2.36		<1	
9603920	10/25/96	2208	Kenova Fire Station	11.7	J	2.43	J	1.81		<1		13.4		33.8		9.31		15.2		33.1		19		4.89	
9603921	10/25/96	2317	Kenova Fire Station	12.8	J	2.09	J	1.79		<1		14.8		54.4		13.1		19.2		49		14.5		4.8	
9603922	10/26/96	0028	Kenova Fire Station	16.4	J	3.6	J	1.82		<1		10.4		38.5		10.1		15.9		38.7		18.5		4.34	
9603940	10/26/96	1329	Kenova Fire Station	12.3	J	2.51	J	1.92		<1		8.37		11.5		2.61		3.53		8.92		3.99		<1	
9603941	10/26/96	1434	Kenova Fire Station	11.4	J	2.59	J	1.86		<1		4.47		10.1		2.27		3.23		7.76		3.58		<1	
9603942	10/26/96	1544	Kenova Fire Station	10.3	J	2.43	J	1.79		<1		2.77		8.2		1.48		1.93		5.03		1.88		<1	
9603943	10/26/96	1652	Kenova Fire Station	10.1	J	3.15	J	1.88		<1		1.67		5.27		1.14		1.54		3.74		1.58		<1	
9603944	10/26/96	1909	Kenova Fire Station	11.1	J	3.21	J	1.69		1.12		1.55		5.13		1.2		1.58		3.99		1.71		<1	
9603945	10/26/96	2019	Kenova Fire Station	10.9	J	3.38	J	1.84		1.06		1.75		6.62		1.42		1.94		4.94		2.01		<1	
9603946	10/26/96	2127	Kenova Fire Station	14.3	J	3.48	J	1.89		<1		2.83		6.19		1.38		1.93		4.8		1.96		<1	
9603947	10/26/96	2235	Kenova Fire Station	11.9	J	3.84	J	1.9		<1		2.93		6.93		1.64		2.16		5.4		2.06		<1	
9603948	10/26/96	2342	Kenova Fire Station	11.6	J	3.85	J	1.87		<1		3.37		8.27		2.18		2.67		7.27		2.67		<1	
9603949	10/27/96	0050	Kenova Fire Station	12.3	J	3.79	J	1.91		<1		3.74		10.4		2.37		3.02		8.12		3.16		<1	
9603950	10/27/96	0159	Kenova Fire Station	12.7	J	3.83	J	1.91		<1		3.65		9.05		2.02		2.89		7.15		3.44		<1	
9603951	10/27/96	0308	Kenova Fire Station	10.9	J	3.82	J	1.85		1.26		2.69		6.57		1.38		1.98		4.97		2.38		<1	
9603952	10/27/96	0416	Kenova Fire Station	10.3	J	3.19	J	1.82		1.11		<1		2.16		<1		<1		<1		<1		<1	
9603953	10/27/96	0525	Kenova Fire Station	11.4	J	3.2	J	1.58		1.11		<1		1.94		<1		<1		1.66		<1		<1	
9603954	10/27/96	0633	Kenova Fire Station	11.3	J	3.26	J	1.86		1.1		1.09		4.16		<1		1.14		2.79		1.33		<1	
9603955	10/27/96	0742	Kenova Fire Station	11.7	J	3.5	J	1.84		<1		1.11		3.76		<1		<1		2.47		1.1		<1	
9603956	10/27/96	1715	Kenova Fire Station	9.48	J	3.15	J	1.81		1.14		<1		1.79		<1		<1		1.42		<1		<1	
9603957	10/27/96	1823	Kenova Fire Station	11.4	J	3.54	J	1.85		1.11		3.2		8.47		1.88		2.53		6.62		2.07		<1	
9603958	10/27/96	1932	Kenova Fire Station	12	J	3.86	J	1.88		1.04		4.08		10.6		2.37		3.54		8.61		4.36		1.14	
9603959	10/27/96	2043	Kenova Fire Station	14.1	J	3.13	J	1.9		<1		8.32		21.4		3.78		5.88		14.3		6.1		1.63	
9603960	10/27/96	2153	Kenova Fire Station	13.5	J	3.02	J	1.88		<1		14.5		28.8		4.83		7.44		18.2		7.4		2.01	
9603961	10/27/96	2303	Kenova Fire Station	14.2	J	2.93	J	1.96		<1		8.43		20.9		3.59		5.47		13.6		6.11		1.57	
9603962	10/28/96	0014	Kenova Fire Station	15.4	J	2.95	J	1.99		<1		12.3		25.4		4.34		6.55		16.1		6.86		1.73	
9603963	10/28/96	0124	Kenova Fire Station	13.9	J	2.65	J	1.98		<1		9.12		18.4		3.05		4.54		11.3		<1		1.25	
9603964	10/28/96	0235	Kenova Fire Station	14.9	J	2.63	J	2.05		<1		<1		29.1		4.54		6.98		17.5		6.78		1.78	
9603965	10/28/96	0346	Kenova Fire Station	14.4	J	2.74	J	1.96		<1		10.2		16.7		2.71		4.13		10		4.25		1.15	
9603966	10/28/96	0456	Kenova Fire Station	10.6	J	2.65	J	1.84		1.07		2.81		4.75		<1		1.12		2.96		1.13		<1	
9603967	10/28/96	0607	Kenova Fire Station	9.83	J	3.61	J	1.83		1.17		<1		1.37		<1		<1		<1		<1		<1	
9603968	10/28/96	0719	Kenova Fire Station	9.47	J	3.18	J	1.83		1.16		<1		1.11		<1		<1		<1		<1		<1	
9603969	10/28/96	0830	Kenova Fire Station	9.51	J	3.13	J	1.77		1.1		<1		<1		<1		<1		<1		<1		<1	
9603970	10/28/96	0941	Kenova Fire Station	9.73	J	3.2	J	1.79		1.15		<1		1.19		<1		<1		1.03		<1		<1	
9603971	10/28/96	1052	Kenova Fire Station	9.64	J	3.23	J	1.84		1.15		<1		1.12		<1		<1		<1		<1		<1	
9603972	10/28/96	1204	Kenova Fire Station	9.39	J	3.06	J	1.74		1.13		<1		1.16		<1		<1		<1		<1		<1	
9604010	10/28/96	2342	Kenova Fire Station	13.3		3.06	J	1.99		<1		16.7		18.9		3.04		4.52		11.5		4.58		1.23	
9604011	10/29/96	1320	Kenova Fire Station	11		3.09	J	1.85		1.08		3.09		4.53		1.03		1.33		3.27		1.42		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9603913	10/25/96	0608	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603914	10/25/96	1508	Kenova Fire Station	1.72		<1		<1		<1		1.44		1.53		<1		<1		<1		<1		<1	
9603915	10/25/96	1619	Kenova Fire Station	1.6		<1		<1		<1		1.07		1.75		<1		<1		<1		<1		<1	
9603916	10/25/96	1729	Kenova Fire Station	<1		1.27		<1		<1		1.21		2.62		<1		<1		<1		<1		<1	
9603917	10/25/96	1838	Kenova Fire Station	1.02		2.42		<1		<1		1.06		2.78		<1		<1		<1		<1		<1	
9603918	10/25/96	1948	Kenova Fire Station	<1		2.76		<1		<1		<1		1.01		<1		<1		<1		<1		<1	
9603919	10/25/96	2058	Kenova Fire Station	<1		<1		<1		<1		<1		1.24		<1		<1		<1		<1		<1	
9603920	10/25/96	2208	Kenova Fire Station	<1		1.18		1.89		<1		<1		9.89		<1		1.06		<1		<1		<1	
9603921	10/25/96	2317	Kenova Fire Station	<1		1.45		2.02		<1		<1		9.1		<1		<1		1.43		<1		<1	
9603922	10/26/96	0028	Kenova Fire Station	<1		4.85		1.83		<1		<1		9.69		<1		1.06		1.83		<1		<1	
9603940	10/26/96	1329	Kenova Fire Station	1.44		<1		<1		<1		1.14	Q	1.97		<1		<1		<1		<1		<1	
9603941	10/26/96	1434	Kenova Fire Station	1.74		<1		<1		<1		1.25	Q	1.73		<1		<1		<1		<1		<1	
9603942	10/26/96	1544	Kenova Fire Station	<1		<1		<1		<1		<1	Q	1.04		<1		<1		<1		<1		<1	
9603943	10/26/96	1652	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603944	10/26/96	1909	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603945	10/26/96	2019	Kenova Fire Station	<1		<1		<1		<1		<1	Q	1.05		<1		<1		<1		<1		<1	
9603946	10/26/96	2127	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603947	10/26/96	2235	Kenova Fire Station	<1		<1		<1		<1		<1	Q	1.12		<1		<1		<1		<1		<1	
9603948	10/26/96	2342	Kenova Fire Station	<1		<1		<1		<1		<1	Q	1.31		<1		<1		<1		<1		<1	
9603949	10/27/96	0050	Kenova Fire Station	<1		<1		<1		<1		<1	Q	1.44		<1		<1		<1		<1		<1	
9603950	10/27/96	0159	Kenova Fire Station	<1		1.14	J	<1		<1		<1	Q	1.57		<1		<1		<1		<1		<1	
9603951	10/27/96	0308	Kenova Fire Station	<1		1.18	J	<1		<1		<1	Q	1.11		<1		<1		<1		<1		<1	
9603952	10/27/96	0416	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603953	10/27/96	0525	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603954	10/27/96	0633	Kenova Fire Station	<1		<1		<1		<1		<1	Q	<1		<1		<1		<1		<1		<1	
9603955	10/27/96	0742	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603956	10/27/96	1715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603957	10/27/96	1823	Kenova Fire Station	<1		<1		<1		<1		<1		1.18		<1		<1		<1		<1		<1	
9603958	10/27/96	1932	Kenova Fire Station	<1		1.53	J	<1		<1		<1		1.91		<1		<1		<1		<1		<1	
9603959	10/27/96	2043	Kenova Fire Station	<1		5.54	J	<1		1.21		<1		2.89		<1		<1		<1		<1		<1	
9603960	10/27/96	2153	Kenova Fire Station	<1		17.4	J	1.01		<1		<1		3.88		1.29		<1		<1		<1		<1	
9603961	10/27/96	2303	Kenova Fire Station	<1		9.92	J	1.27		1.58		<1		2.83		<1		<1		<1		<1		<1	
9603962	10/28/96	0014	Kenova Fire Station	<1		7.77	J	1.89		1.56		<1		3.27		1.34		<1		<1		<1		<1	
9603963	10/28/96	0124	Kenova Fire Station	<1		6.78	J	1.77		<1		<1		2.34		<1		<1		4.75		<1		<1	
9603964	10/28/96	0235	Kenova Fire Station	<1		6.35	J	1.66		2.72		<1		3.55		<1		<1		<1		<1		<1	
9603965	10/28/96	0346	Kenova Fire Station	<1		6.59	J	<1		1.27		<1		2.09		<1		<1		<1		<1		<1	
9603966	10/28/96	0456	Kenova Fire Station	<1		3.82	J	2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9603967	10/28/96	0607	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603968	10/28/96	0719	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603969	10/28/96	0830	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603970	10/28/96	0941	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603971	10/28/96	1052	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9603972	10/28/96	1204	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604010	10/28/96	2342	Kenova Fire Station	<1		6.65		<1		<1		<1		2.17	J	<1		<1		<1		<1		<1	
9604011	10/29/96	1320	Kenova Fire Station	<1		3.19		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9603913	10/25/96	0608	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603914	10/25/96	1508	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603915	10/25/96	1619	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603916	10/25/96	1729	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603917	10/25/96	1838	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603918	10/25/96	1948	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603919	10/25/96	2058	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603920	10/25/96	2208	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603921	10/25/96	2317	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603922	10/26/96	0028	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603940	10/26/96	1329	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603941	10/26/96	1434	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603942	10/26/96	1544	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603943	10/26/96	1652	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603944	10/26/96	1909	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603945	10/26/96	2019	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603946	10/26/96	2127	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603947	10/26/96	2235	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603948	10/26/96	2342	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603949	10/27/96	0050	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603950	10/27/96	0159	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603951	10/27/96	0308	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603952	10/27/96	0416	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603953	10/27/96	0525	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603954	10/27/96	0633	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603955	10/27/96	0742	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603956	10/27/96	1715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603957	10/27/96	1823	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603958	10/27/96	1932	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603959	10/27/96	2043	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603960	10/27/96	2153	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603961	10/27/96	2303	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603962	10/28/96	0014	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603963	10/28/96	0124	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603964	10/28/96	0235	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603965	10/28/96	0346	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603966	10/28/96	0456	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603967	10/28/96	0607	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603968	10/28/96	0719	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603969	10/28/96	0830	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603970	10/28/96	0941	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603971	10/28/96	1052	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9603972	10/28/96	1204	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604010	10/28/96	2342	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604011	10/29/96	1320	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9604012	10/29/96	1429	Kenova Fire Station	9.59		3	J	1.78		1.13		<1		12.9		<1		<1		<1		<1		<1	
9604013	10/29/96	1538	Kenova Fire Station	9.7		3.2	J	1.85		1.11		<1		1.08		<1		<1		<1		<1		<1	
9604014	10/29/96	1647	Kenova Fire Station	9.94		3.3	J	1.84		1.15		1.04		3.32		<1		1.16		2.97		1.08		<1	
9604015	10/29/96	1755	Kenova Fire Station	13.6		2.94	J	1.9		<1		16.3		35.6		9.13		15.5		34.6		18.4		4.55	
9604016	10/29/96	1905	Kenova Fire Station	10.9		3.4	J	1.89		1.04		4.09		10.5		2.6		3.77		9.44		5.76		1.36	
9604017	10/29/96	2014	Kenova Fire Station	10.8		3.88	J	1.87		1.06		3.24		7.4		1.84		2.74		6.79		3.52		<1	
9604018	10/29/96	2122	Kenova Fire Station	11.2		3.86	J	1.89		1.14		2.58		6.21		1.73		2.31		5.94		3.16		<1	
9604019	10/29/96	2231	Kenova Fire Station	9.73		3.53	J	1.84		1.17		<1		1.27		<1		<1		1.15		<1		<1	
9604020	10/29/96	2341	Kenova Fire Station	9.44		3.32	J	1.81		1.13		<1		<1		<1		<1		<1		<1		<1	
9604021	10/30/96	0049	Kenova Fire Station	9.48		3.31	J	1.84		1.2		<1		1.26		<1		<1		1.07		<1		<1	
9604042	10/28/96	0235	Kenova Fire Station	14.9		2.63	J	2.05		<1		17		29.1		4.54		6.98		17.5		6.78		1.78	
9604082	10/30/96	1708	Kenova Fire Station	9.2	J	2.66	Q	1.78		1.13		<1		<1		<1		<1		<1		<1		<1	
9604083	10/30/96	1927	Kenova Fire Station	9.28	J	2.6	Q	1.75		1.08		<1		<1		<1		<1		<1		<1		<1	
9604084	10/30/96	2039	Kenova Fire Station	9.49	J	2.63	Q	1.78		1.12		<1		1.31		<1		<1		<1		<1		<1	
9604085	10/30/96	2151	Kenova Fire Station	9.35	J	2.75	Q	1.77		1.13		<1		1.44		<1		<1		<1		<1		<1	
9604086	10/30/96	2303	Kenova Fire Station	9.44	J	2.6	Q	1.78		1.12		<1		<1		<1		<1		<1		<1		<1	
9604087	10/31/96	0014	Kenova Fire Station	9.12	J	2.41	Q	1.75		1.13		<1		<1		<1		<1		<1		<1		<1	
9604088	10/31/96	0126	Kenova Fire Station	9.67	J	2.56	Q	1.77		1.14		<1		<1		<1		<1		<1		<1		<1	
9604089	10/31/96	0237	Kenova Fire Station	10.3	J	2.47	Q	1.78		1.18		<1		<1		<1		<1		<1		<1		<1	
9604090	10/31/96	0349	Kenova Fire Station	10.2	J	3.12	Q	1.81		1.09		<1		1.01		<1		<1		<1		<1		<1	
9604091	10/31/96	0500	Kenova Fire Station	10.4	J	2.67	Q	1.88		1.12		<1		1.93		<1		<1		1.88		<1		<1	
9604092	10/31/96	0612	Kenova Fire Station	10.2	J	2.95	Q	1.81		1.14		<1		1.92		<1		<1		1.6		<1		<1	
9604093	10/31/96	0724	Kenova Fire Station	9.77	J	2.78	Q	1.82		1.08		1.58		4.97		1.21		1.88		4.48		2.13		<1	
9604097	10/31/96	1419	Kenova Fire Station	9.29		2.53		1.77		1.17		<1		<1		<1		<1		<1		<1		<1	
9604098	10/31/96	1534	Kenova Fire Station	9.38		2.75		1.8		1.13		<1		<1		<1		<1		<1		<1		<1	
9604099	10/31/96	1647	Kenova Fire Station	9.5		2.82		1.79		1.14		<1		1.3		<1		<1		<1		<1		<1	
9604100	10/31/96	1757	Kenova Fire Station	9.53		2.82		1.81		1.14		<1		3.19		<1		<1		2.96		<1		<1	
9604101	10/31/96	1908	Kenova Fire Station	9.78		2.87		1.77		1.04		1.26		4.59		1.16		1.63		4.01		1.47		<1	
9604102	10/31/96	2019	Kenova Fire Station	10.7		2.93		1.86		1.08		1.32		5.17		1.21		1.69		4.31		1.7		<1	
9604103	10/31/96	2130	Kenova Fire Station	9.77		2.89		1.82		1.16		<1		1.82		<1		<1		1.63		<1		<1	
9604104	10/31/96	2242	Kenova Fire Station	9.6		2.73		1.8		1.11		<1		1.48		<1		<1		1.38		<1		<1	
9604105	10/31/96	2353	Kenova Fire Station	9.88		3.13		1.81		1.13		<1		1.46		<1		<1		1.16		<1		<1	
9604106	11/01/96	0105	Kenova Fire Station	9.56		2.59		1.76		1.12		<1		1.03		<1		<1		<1		<1		<1	
9604107	11/01/96	0215	Kenova Fire Station	9.77		2.78		1.87		1.14		<1		1.54		<1		<1		1.19		<1		<1	
9604108	11/01/96	0327	Kenova Fire Station	9.4		2.45		1.77		1.13		<1		1.08		<1		<1		<1		<1		<1	
9604109	11/01/96	0438	Kenova Fire Station	9.78		2.75		1.79		1.15		<1		1.64		<1		<1		1.17		<1		<1	
9604110	11/01/96	2010	Kenova Fire Station	9.49	J	2.7		1.77		1.11		<1		1.29		<1		<1		1.33		<1		<1	
9604111	11/01/96	2124	Kenova Fire Station	9.24	J	2.72		1.77		1.09		<1		1.47		<1		<1		1.39		<1		<1	
9604112	11/01/96	2235	Kenova Fire Station	9.39	J	2.71		1.78		1.08		<1		1.69		<1		<1		1.58		<1		<1	
9604113	11/01/96	2346	Kenova Fire Station	9.34	J	2.85		1.76		1.09		<1		1.65		<1		<1		1.32		<1		<1	
9604114	11/02/96	0058	Kenova Fire Station	9.38	J	2.64		1.78		1.14		<1		1.17		<1		<1		<1		<1		<1	
9604115	11/02/96	0210	Kenova Fire Station	9.5	J	2.6		1.78		1.12		<1		1.26		<1		<1		<1		<1		<1	
9604116	11/02/96	0323	Kenova Fire Station	9.61	J	2.53		1.77		1.12		<1		1.19		<1		<1		<1		<1		<1	
9604117	11/02/96	0433	Kenova Fire Station	9.62	J	2.78		1.79		1.12		<1		1.15		<1		<1		<1		<1		<1	
9604118	11/02/96	0545	Kenova Fire Station	10.1	J	2.56		1.79		1.11		<1		2.2		<1		<1		1.97		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9604012	10/29/96	1429	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604013	10/29/96	1538	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604014	10/29/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604015	10/29/96	1755	Kenova Fire Station	<1		3.06		2.32		<1		<1		9.85	J	<1		1.39		<1		1.15		<1	
9604016	10/29/96	1905	Kenova Fire Station	<1		5.92		<1		<1		<1		2.45	J	<1		<1		<1		<1		<1	
9604017	10/29/96	2014	Kenova Fire Station	<1		5.15		<1		<1		<1		1.51	J	<1		<1		<1		<1		<1	
9604018	10/29/96	2122	Kenova Fire Station	<1		5.1		<1		<1		<1		1.27	J	<1		<1		<1		<1		<1	
9604019	10/29/96	2231	Kenova Fire Station	<1		4.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604020	10/29/96	2341	Kenova Fire Station	<1		1.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9604021	10/30/96	0049	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		1.17	
9604042	10/28/96	0235	Kenova Fire Station	<1		6.35		1.66		2.72		<1		3.55	J	<1		<1		<1		<1		<1	
9604082	10/30/96	1708	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604083	10/30/96	1927	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604084	10/30/96	2039	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604085	10/30/96	2151	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604086	10/30/96	2303	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604087	10/31/96	0014	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604088	10/31/96	0126	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604089	10/31/96	0237	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604090	10/31/96	0349	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604091	10/31/96	0500	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604092	10/31/96	0612	Kenova Fire Station	<1		<1	J	<1		<1		<1		<1	J	<1		<1		<1		<1		<1	
9604093	10/31/96	0724	Kenova Fire Station	<1		<1	J	<1		<1		<1		1.09	J	<1		<1		<1		<1		<1	
9604097	10/31/96	1419	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604098	10/31/96	1534	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604099	10/31/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604100	10/31/96	1757	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604101	10/31/96	1908	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604102	10/31/96	2019	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604103	10/31/96	2130	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604104	10/31/96	2242	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604105	10/31/96	2353	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604106	11/01/96	0105	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604107	11/01/96	0215	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604108	11/01/96	0327	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604109	11/01/96	0438	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604110	11/01/96	2010	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604111	11/01/96	2124	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604112	11/01/96	2235	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604113	11/01/96	2346	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604114	11/02/96	0058	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604115	11/02/96	0210	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604116	11/02/96	0323	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604117	11/02/96	0433	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604118	11/02/96	0545	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9604012	10/29/96	1429	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604013	10/29/96	1538	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604014	10/29/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604015	10/29/96	1755	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604016	10/29/96	1905	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604017	10/29/96	2014	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604018	10/29/96	2122	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604019	10/29/96	2231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604020	10/29/96	2341	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604021	10/30/96	0049	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604042	10/28/96	0235	Kenova Fire Station	2.7		<1		<1		<1		<1		<1		<1		<1		<1
9604082	10/30/96	1708	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604083	10/30/96	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604084	10/30/96	2039	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604085	10/30/96	2151	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604086	10/30/96	2303	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604087	10/31/96	0014	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604088	10/31/96	0126	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604089	10/31/96	0237	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604090	10/31/96	0349	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604091	10/31/96	0500	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604092	10/31/96	0612	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604093	10/31/96	0724	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604097	10/31/96	1419	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604098	10/31/96	1534	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604099	10/31/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604100	10/31/96	1757	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604101	10/31/96	1908	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604102	10/31/96	2019	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604103	10/31/96	2130	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604104	10/31/96	2242	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604105	10/31/96	2353	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604106	11/01/96	0105	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604107	11/01/96	0215	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604108	11/01/96	0327	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604109	11/01/96	0438	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604110	11/01/96	2010	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604111	11/01/96	2124	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604112	11/01/96	2235	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604113	11/01/96	2346	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604114	11/02/96	0058	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604115	11/02/96	0210	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604116	11/02/96	0323	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604117	11/02/96	0433	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604118	11/02/96	0545	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlridfltmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9604119	11/02/96	0657	Kenova Fire Station	9.95	J	2.52		1.8		1.14		<1		1.23		<1		<1		<1		<1		<1	
9604120	11/02/96	1448	Kenova Fire Station	8.64		2.39		1.6		1.05		<1		<1		<1		<1		<1		<1		<1	
9604121	11/02/96	1601	Kenova Fire Station	8.79		2.32		1.66		1.05		<1		<1		<1		<1		<1		<1		<1	
9604122	11/02/96	1711	Kenova Fire Station	8.81		2.62		1.64		1.01		<1		<1		<1		<1		<1		<1		<1	
9604123	11/02/96	1821	Kenova Fire Station	8.71		2.56		1.68		1		<1		1.18		<1		<1		<1		<1		<1	
9604124	11/02/96	1931	Kenova Fire Station	8.81		2.44		1.67		1		1.1		3.23		<1		1.05		2.76		<1		<1	
9604125	11/02/96	2042	Kenova Fire Station	9.01		2.81		1.71		1.05		<1		1.03		<1		<1		<1		<1		<1	
9604126	11/02/96	2153	Kenova Fire Station	8.95		3.05		1.69		1.07		<1		1.5		<1		<1		1.18		<1		<1	
9604127	11/02/96	2302	Kenova Fire Station	9.21		2.66		1.68		1.03		<1		1.78		<1		<1		1.54		<1		<1	
9604128	11/03/96	0012	Kenova Fire Station	9.27		2.62		1.68		1.02		<1		1.12		<1		<1		<1		<1		<1	
9604129	11/03/96	0123	Kenova Fire Station	9.05		2.56		1.69		1.03		<1		2.01		<1		<1		1.51		<1		<1	
9604130	11/03/96	0233	Kenova Fire Station	11.6		2.98		1.7		1.02		<1		1.14		<1		<1		<1		<1		<1	
9604131	11/03/96	0344	Kenova Fire Station	9.01		4.07		1.71		1.07		<1		1.31		<1		<1		<1		<1		<1	
9604132	11/03/96	0454	Kenova Fire Station	11.9		3.1		1.72		1.08		<1		1.1		<1		<1		<1		<1		<1	
9604144	11/03/96	1704	Kenova Fire Station	8.79		2.19		1.6		1.01		<1		<1		<1		<1		<1		<1		<1	
9604145	11/03/96	1816	Kenova Fire Station	9.41		2.56		1.66		1.01		1.08		3.04		<1		<1		2.52		1.08		<1	
9604146	11/03/96	1927	Kenova Fire Station	10.1		2.37		1.73		1		5.24		9.87		2.52		3.71		8.97		4.42		1.12	
9604147	11/03/96	2037	Kenova Fire Station	9.93		3.16		1.72		<1		4.03		8.9		2.13		3.2		7.66		3.7		<1	
9604148	11/03/96	2147	Kenova Fire Station	10.5		3.71		1.76		<1		6.12		11.7		2.65		3.95		9.87		4.43		1.14	
9604149	11/03/96	2257	Kenova Fire Station	9.5		2.33		1.67		<1		4.76		7.83		1.75		2.35		5.93		<1		<1	
9604150	11/04/96	0007	Kenova Fire Station	9.5		2.06		1.69		<1		2.94		4.41		<1		1.28		3.1		1.23		<1	
9604151	11/04/96	0117	Kenova Fire Station	9.72		2.35		1.7		<1		1.51		3.51		<1		<1		2.34		<1		<1	
9604152	11/04/96	0227	Kenova Fire Station	9.41		2.82		1.67		1.08		1.06		2.65		<1		<1		1.77		<1		<1	
9604153	11/04/96	0338	Kenova Fire Station	9.61		2.68		1.7		1.01		1		2.02		<1		<1		1.61		<1		<1	
9604154	11/04/96	0448	Kenova Fire Station	10.1		2.67		1.79		1.06		1.16		2.75		<1		<1		1.76		<1		<1	
9604155	11/04/96	0558	Kenova Fire Station	10.1		2.63		1.66		<1		2.61		4.83		<1		1.38		3.49		1.3		<1	
9604156	11/04/96	0708	Kenova Fire Station	11.3		1.91		1.65		<1		5.46		9.35		2.05		3.01		7.38		3.22		<1	
9604166	11/04/96	1333	Kenova Fire Station	8.65		2.73		1.62		1.06		<1		<1		<1		<1		<1		<1		<1	
9604167	11/04/96	1446	Kenova Fire Station	8.79		2.49		1.62		1.04		<1		1.08		<1		<1		<1		<1		<1	
9604168	11/04/96	1541	Kenova Fire Station	8.84		2.69		1.62		1		<1		<1		<1		<1		<1		<1		<1	
9604169	11/05/96	1239	Kenova Fire Station	8.82		2.47		1.69		1.04		1.32		4.34		<1		<1		1.46		<1		<1	
9604170	11/05/96	1337	Kenova Fire Station	8.45		2.7		1.64		1.05		<1		<1		<1		<1		<1		<1		<1	
9604171	11/05/96	1556	Kenova Fire Station	8.86		2.64		1.74		1.06		<1		<1		<1		<1		<1		<1		<1	
9604172	11/05/96	1657	Kenova Fire Station	8.83		2.68		1.64		1.05		<1		1.57		<1		<1		<1		<1		<1	
9604173	11/05/96	1803	Kenova Fire Station	11.2		2.29		1.7		<1		8.27		16.6		3.4		5.5		13.2		5.42		1.45	
9604174	11/05/96	1914	Kenova Fire Station	10.1		2.33		1.69		<1		8.27		16.7		3.59		5.99		14.2		6.89		1.7	
9604175	11/05/96	2025	Kenova Fire Station	11		2.35		1.74		<1		7.6		15.2		3.16		5.23		12.5		6.14		1.52	
9604176	11/05/96	2137	Kenova Fire Station	10.3		2.43		1.72		<1		4.67		10.2		2.15		3.22		7.92		3.57		<1	
9604177	11/06/96	1216	Kenova Fire Station	13.3	J	3.59		1.74		<1		6.41		15.6		4.23		5.59		15.9		5.04		1.29	
9604178	11/06/96	1320	Kenova Fire Station	12.6	J	2.51		1.82		<1		6.47		17.2		4.4		5.84		16.8		5.31		1.29	
9604179	11/06/96	1428	Kenova Fire Station	9.12	J	2.91		1.63		1.03		<1		2.6		<1		<1		2.07		<1		<1	
9604180	11/06/96	1536	Kenova Fire Station	9.4	J	2.89		1.64		1.04		1.28		4.23		<1		1.47		3.61		1.63		<1	
9604181	11/06/96	1647	Kenova Fire Station	9.57	J	2.84		1.65		1.02		1.65		5.66		1.25		1.82		4.68		1.78		<1	
9604182	11/06/96	1755	Kenova Fire Station	9.96	J	3.04		1.7		<1		3.56		8.32		2.37		3.2		8.45		2.89		<1	
9604183	11/06/96	1929	Kenova Fire Station	5.27	J	2.74		1.3		<1		7.35		16.3		3.41		5.52		13.1		6.2		1.66	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9604119	11/02/96	0657	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604120	11/02/96	1448	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604121	11/02/96	1601	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604122	11/02/96	1711	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604123	11/02/96	1821	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604124	11/02/96	1931	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604125	11/02/96	2042	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604126	11/02/96	2153	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604127	11/02/96	2302	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604128	11/03/96	0012	Kenova Fire Station	<1		<1		1.55		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604129	11/03/96	0123	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604130	11/03/96	0233	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604131	11/03/96	0344	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604132	11/03/96	0454	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604144	11/03/96	1704	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604145	11/03/96	1816	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604146	11/03/96	1927	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	2.03	J	<1		<1		<1		<1		<1	
9604147	11/03/96	2037	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	1.84	J	<1		<1		<1		<1		<1	
9604148	11/03/96	2147	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	2.09	J	<1		<1		<1		<1		<1	
9604149	11/03/96	2257	Kenova Fire Station	<1		<1		1.28		<1		<1	JQ	1.29	J	<1		<1		2.79		<1		<1	
9604150	11/04/96	0007	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604151	11/04/96	0117	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604152	11/04/96	0227	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604153	11/04/96	0338	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604154	11/04/96	0448	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604155	11/04/96	0558	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604156	11/04/96	0708	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	1.53	J	<1		<1		<1		<1		<1	
9604166	11/04/96	1333	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604167	11/04/96	1446	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604168	11/04/96	1541	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604169	11/05/96	1239	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		1.25	
9604170	11/05/96	1337	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604171	11/05/96	1556	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604172	11/05/96	1657	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	<1	J	<1		<1		<1		<1		<1	
9604173	11/05/96	1803	Kenova Fire Station	<1		<1		<1		<1		<1	JQ	2.83	J	<1		<1		<1		<1		<1	
9604174	11/05/96	1914	Kenova Fire Station	<1		1.16		<1		<1		<1	JQ	3.4	J	<1		<1		<1		<1		<1	
9604175	11/05/96	2025	Kenova Fire Station	<1		1.41		<1		<1		<1	JQ	2.9	J	<1		<1		<1		<1		<1	
9604176	11/05/96	2137	Kenova Fire Station	<1		1.23		<1		<1		<1	JQ	1.65	J	<1		<1		<1		<1		<1	
9604177	11/06/96	1216	Kenova Fire Station	3.56		1.32		<1		<1		<1	J	2.69	J	<1		<1		<1		<1		<1	
9604178	11/06/96	1320	Kenova Fire Station	3.49		1.45		<1		<1		1.22	J	2.84	J	1.01		<1		<1		<1		<1	
9604179	11/06/96	1428	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604180	11/06/96	1536	Kenova Fire Station	2.51		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604181	11/06/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604182	11/06/96	1755	Kenova Fire Station	<1		<1		<1		<1		<1	J	1.37	J	<1		<1		<1		<1		<1	
9604183	11/06/96	1929	Kenova Fire Station	<1		1.47		<1		<1		<1	J	2.93	J	<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9604119	11/02/96	0657	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604120	11/02/96	1448	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604121	11/02/96	1601	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604122	11/02/96	1711	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604123	11/02/96	1821	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604124	11/02/96	1931	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604125	11/02/96	2042	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604126	11/02/96	2153	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604127	11/02/96	2302	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604128	11/03/96	0012	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604129	11/03/96	0123	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604130	11/03/96	0233	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604131	11/03/96	0344	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604132	11/03/96	0454	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604144	11/03/96	1704	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604145	11/03/96	1816	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604146	11/03/96	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604147	11/03/96	2037	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604148	11/03/96	2147	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604149	11/03/96	2257	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604150	11/04/96	0007	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604151	11/04/96	0117	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604152	11/04/96	0227	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604153	11/04/96	0338	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604154	11/04/96	0448	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604155	11/04/96	0558	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604156	11/04/96	0708	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604166	11/04/96	1333	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604167	11/04/96	1446	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604168	11/04/96	1541	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604169	11/05/96	1239	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604170	11/05/96	1337	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604171	11/05/96	1556	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604172	11/05/96	1657	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604173	11/05/96	1803	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604174	11/05/96	1914	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604175	11/05/96	2025	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604176	11/05/96	2137	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604177	11/06/96	1216	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604178	11/06/96	1320	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604179	11/06/96	1428	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604180	11/06/96	1536	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604181	11/06/96	1647	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604182	11/06/96	1755	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604183	11/06/96	1929	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9604184	11/06/96	2051	Kenova Fire Station	10.6	J	3.5		1.7		<1		4.22		10.3		2.08		3.24		7.47		3.71		<1	
9604185	11/06/96	2150	Kenova Fire Station	10.5	J	3.42		1.76		1.05		3.6		7.56		1.63		2.43		5.81		3.01		<1	
9604186	11/06/96	2300	Kenova Fire Station	10.8	J	3.5		1.77		<1		3.45		7.96		1.82		2.61		6.57		2.88		<1	
9604187	11/07/96	0010	Kenova Fire Station	11.4	J	3.71		1.82		<1		4.4		10.9		2.59		3.62		9.41		4.1		1.11	
9604188	11/07/96	0120	Kenova Fire Station	11	J	3.31		1.79		<1		1.75		9.08		1.5		2.11		5.34		2.66		<1	
9604189	11/07/96	0231	Kenova Fire Station	9	J	2.95		1.7		1.08		<1		<1		<1		<1		<1		<1		<1	
9604190	11/07/96	0341	Kenova Fire Station	9.07	J	2.9		1.72		1.09		<1		<1		<1		<1		<1		<1		<1	
9604191	11/07/96	0452	Kenova Fire Station	9.03	J	2.66		1.7		1.08		<1		<1		<1		<1		<1		<1		<1	
9604192	11/07/96	0603	Kenova Fire Station	8.99	J	2.88		1.73		1.11		<1		<1		<1		<1		<1		<1		<1	
9701380	04/02/97	2258	Kenova Fire Station	<1		<1		<1		<1		<1		10.9		2.14		4.85		10.9		5.9		2.53	
9701381	04/02/97	2352	Kenova Fire Station	<1		<1		<1		<1		<1		11		1.96		4.07		9.93		5.34		2.14	
9701382	04/03/97	0045	Kenova Fire Station	<1		<1		<1		<1		<1		11.1		1.74		3.72		9.38		5.16		1.99	
9701383	04/03/97	0138	Kenova Fire Station	<1		<1		<1		<1		<1		10.9		2.03		3.37		10.6		5.77		2.31	
9701384	04/03/97	0231	Kenova Fire Station	<1		4.81		<1		<1		<1		10.9		8.94		4.08		10.2		6.31		2.7	
9701385	04/03/97	0324	Kenova Fire Station	<1		<1		<1		<1		<1		9.03		1.51		3.04		7.78		5.36		2.06	
9701386	04/03/97	0417	Kenova Fire Station	<1		2.04		<1		<1		<1		9.46		1.19		1.94		6.23		3.25		1.34	
9701387	04/03/97	2018	Kenova Fire Station	12		1.72		2.78		<1		1.7		3.97		<1		1.45		3.54		2.11		<1	
9701388	04/03/97	2113	Kenova Fire Station	12.1		<1		3.1		<1		<1		15.8		4.51		6.84		16.6		8.2		2.99	
9701389	04/03/97	2206	Kenova Fire Station	13.7		2.36		2.89		<1		3.77		6.57		1.26		2.82		6.7		3.82		1.82	
9701390	04/03/97	2300	Kenova Fire Station	11.3		2.32		2.94		<1		4.23		10.2		2.86		4.54		10.7		5.52		1.87	
9701391	04/03/97	2354	Kenova Fire Station	11.6		2.34		3.35		<1		3.53		7.84		2.02		3.32		8.17		4.22		1.5	
9701392	04/04/97	0050	Kenova Fire Station	14.5		2.23		2.96		<1		<1		32.4		9.36		14.3		32.1		16.4		5.57	
9701393	04/04/97	0413	Kenova Fire Station	12		1.76		3.06		<1		<1		11.3		1.97		3.19		8.04		3.97		1.38	
9701394	04/04/97	0237	Kenova Fire Station	13.7		2.72		2.94		<1		<1		15.6		2.87		4.4		11.2		5.81		1.92	
9701395	04/04/97	0330	Kenova Fire Station	12.9		2.04		2.96		<1		<1		14.3		7.6		3.47		8.63		4.34		1.98	
9701396	04/04/97	0426	Kenova Fire Station	13.4		2.08		2.95		<1		<1		9.57		1.45		2.28		5.82		3.04		1.17	
9701397	04/04/97	0520	Kenova Fire Station	12.9		2.36		2.9		<1		3.4		1.8		1.38		2.15		4.63		2.83		1.3	
9701398	04/04/97	0614	Kenova Fire Station	13.8		2.72		2.96		<1		3.56		6.39		1.21		2.23		5.73		2.76		1.14	
9701399	04/04/97	1203	Kenova Fire Station	10.6		2.08		2.6		<1		<1		1.72		<1		<1		<1		<1		<1	
9701400	04/04/97	1856	Kenova Fire Station	14.3		2.13		2.38		<1		<1		19		6.8		11		25.8		13.9		5.31	
9701401	04/04/97	1951	Kenova Fire Station	13.7		2.28		2.47		<1		<1		23.1		5.29		8.11		19.5		11.4		4.08	
9701402	04/04/97	2044	Kenova Fire Station	14.9		2.62		2.68		<1		<1		25.4		5.48		10.1		25.4		13.9		4.89	
9701403	04/04/97	2138	Kenova Fire Station	13.1		2.46		2.59		<1		<1		10.6		2.79		4.62		11.2		6.46		2.31	
9701404	04/04/97	2231	Kenova Fire Station	17.3		4.43		2.76		<1		<1		20.4		4.88		8.83		17.3		11.8		4.27	
9701405	04/04/97	2325	Kenova Fire Station	38.9		2.65		2.74		<1		<1		14.8		3.18		6.07		14.7		8.29		2.84	
9701406	04/05/97	0019	Kenova Fire Station	12.7		3.73		2.59		<1		<1		9.88		2.61		4.26		10.5		5.52		2.07	
9701407	04/05/97	0114	Kenova Fire Station	12.6		1.94		2.71		<1		<1		11.1	L	2.69	L	4.62		10.9		6.34		2.44	L
9701408	04/05/97	0207	Kenova Fire Station	12.1		3.41		2.69		<1		3.49	L	6.48	L	1.59	L	2.53		6.7		3.58		1.17	L
9701409	04/05/97	0300	Kenova Fire Station	11.3		2.23		2.7		<1		3.15	L	6.71	L	6.08	L	2.61		6.73		3.61		1.17	
9701410	04/05/97	0355	Kenova Fire Station	11.8		3.47		2.7		<1		3.8	L	9.44	L	2.25	L	3.44		9.4		4.57		1.54	
9701411	04/05/97	1151	Kenova Fire Station	10.6		2.05		2.16		<1		<1		<1		<1		<1		<1		<1		<1	
9701412	04/05/97	1246	Kenova Fire Station	10.5		2.12		2.28		<1		<1		<1		<1		<1		<1		<1		<1	
9701413	04/05/97	1339	Kenova Fire Station	11.4		1.83		2.37		<1		1.2	L	1.89	L	1.39	L	<1		1.6		<1		<1	
9701414	04/05/97	1433	Kenova Fire Station	10.9		2.06		2.45		<1		1.22	L	1.82	L	1.47	L	<1		1.83		<1		<1	
9701415	04/05/97	1657	Kenova Fire Station	8.69		1.79		2.12		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9604184	11/06/96	2051	Kenova Fire Station	<1		1.08		<1		<1		<1	J	1.83	J	<1		<1		<1		<1		<1	
9604185	11/06/96	2150	Kenova Fire Station	<1		1.08		<1		<1		<1	J	1.37	J	<1		<1		<1		<1		<1	
9604186	11/06/96	2300	Kenova Fire Station	<1		1.1		<1		<1		<1	J	1.41	J	<1		<1		<1		<1		<1	
9604187	11/07/96	0010	Kenova Fire Station	<1		1.25		<1		<1		<1	J	1.98	J	<1		<1		<1		<1		<1	
9604188	11/07/96	0120	Kenova Fire Station	<1		1.3		<1		<1		<1	J	1.3	J	<1		<1		<1		<1		<1	
9604189	11/07/96	0231	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604190	11/07/96	0341	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604191	11/07/96	0452	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9604192	11/07/96	0603	Kenova Fire Station	<1		<1		<1		<1		<1	J	<1	J	<1		<1		<1		<1		<1	
9701380	04/02/97	2258	Kenova Fire Station	<1		8.76		1.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701381	04/02/97	2352	Kenova Fire Station	<1		13.4		2.22		<1		<1		<1		<1		<1		<1		<1		<1	
9701382	04/03/97	0045	Kenova Fire Station	<1		11.9		3.25		<1		<1		<1		<1		<1		<1		<1		<1	
9701383	04/03/97	0138	Kenova Fire Station	<1		6.11		2.88		<1		<1		<1		<1		<1		<1		<1		<1	
9701384	04/03/97	0231	Kenova Fire Station	<1		8.94		2.89		<1		<1		<1		<1		<1		<1		<1		<1	
9701385	04/03/97	0324	Kenova Fire Station	<1		6.95		2.47		<1		<1		<1		<1		<1		<1		<1		<1	
9701386	04/03/97	0417	Kenova Fire Station	<1		6.16		3.8		<1		<1		<1		<1		<1		<1		<1		<1	
9701387	04/03/97	2018	Kenova Fire Station	<1		4		<1		<1		<1		<1		<1		<1		<1		2.68		<1	
9701388	04/03/97	2113	Kenova Fire Station	<1		8.1		1.12		<1		<1		1.42		<1		<1		<1		3.26		<1	
9701389	04/03/97	2206	Kenova Fire Station	<1		7.03		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701390	04/03/97	2300	Kenova Fire Station	<1		7.45		<1		1.29		<1		<1		<1		<1		<1		<1		<1	
9701391	04/03/97	2354	Kenova Fire Station	<1		7.59		1.65		1.11		<1		<1		<1		<1		<1		<1		<1	
9701392	04/04/97	0050	Kenova Fire Station	<1		19.1		11.9		2.62		<1		2.86		<1		<1		2.01		2.96		<1	
9701393	04/04/97	0413	Kenova Fire Station	<1		12.4		5.68		<1		<1		<1		<1		<1		<1		<1		<1	
9701394	04/04/97	0237	Kenova Fire Station	<1		6.14		7.1		<1		<1		<1		<1		<1		<1		1.01		<1	
9701395	04/04/97	0330	Kenova Fire Station	<1		12.3		6.32		<1		<1		<1		<1		<1		<1		<1		<1	
9701396	04/04/97	0426	Kenova Fire Station	<1		8.85		3.74		<1		<1		<1		<1		<1		<1		<1		<1	
9701397	04/04/97	0520	Kenova Fire Station	<1		7.67		2.69		<1		<1		<1		<1		<1		<1		<1		<1	
9701398	04/04/97	0614	Kenova Fire Station	<1		5.73		1.35		<1		<1		<1		<1		<1		<1		<1		<1	
9701399	04/04/97	1203	Kenova Fire Station	<1		1.94		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701400	04/04/97	1856	Kenova Fire Station	<1		6.99		1.31		<1		<1		2.87		<1		1.93		<1		2.67		<1	
9701401	04/04/97	1951	Kenova Fire Station	<1		12		<1		<1		<1		<1		<1		1.72		<1		1.33		<1	
9701402	04/04/97	2044	Kenova Fire Station	<1		9.62		1.06		<1		<1		2.48		<1		<1		<1		1.4		<1	
9701403	04/04/97	2138	Kenova Fire Station	<1		8.08		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701404	04/04/97	2231	Kenova Fire Station	1.92		7.88		1.31		1.33		<1		2.18		<1		<1		<1		1.36		<1	
9701405	04/04/97	2325	Kenova Fire Station	1.38		6.4		1		<1		<1		1.31		<1		<1		<1		<1		<1	
9701406	04/05/97	0019	Kenova Fire Station	4.46		12.9		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701407	04/05/97	0114	Kenova Fire Station	5.51	L	6.79		1.22		<1		<1		1.01		<1		<1		<1		<1		<1	
9701408	04/05/97	0207	Kenova Fire Station	3.08	L	8.88		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701409	04/05/97	0300	Kenova Fire Station	<1		8.42		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701410	04/05/97	0355	Kenova Fire Station	<1		8.01		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701411	04/05/97	1151	Kenova Fire Station	<1		1.41		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701412	04/05/97	1246	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701413	04/05/97	1339	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701414	04/05/97	1433	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701415	04/05/97	1657	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9604184	11/06/96	2051	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604185	11/06/96	2150	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604186	11/06/96	2300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604187	11/07/96	0010	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604188	11/07/96	0120	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604189	11/07/96	0231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604190	11/07/96	0341	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604191	11/07/96	0452	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9604192	11/07/96	0603	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701380	04/02/97	2258	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701381	04/02/97	2352	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701382	04/03/97	0045	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701383	04/03/97	0138	Kenova Fire Station	<1		<1		<1		3.15		<1		<1		<1		<1		<1
9701384	04/03/97	0231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701385	04/03/97	0324	Kenova Fire Station	4.58		<1		<1		<1		<1		<1		<1		<1		<1
9701386	04/03/97	0417	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701387	04/03/97	2018	Kenova Fire Station	<1		<1		1.36		<1		1.15		<1		<1		<1		<1
9701388	04/03/97	2113	Kenova Fire Station	7.49		<1		<1		<1		<1		<1		<1		<1		<1
9701389	04/03/97	2206	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701390	04/03/97	2300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701391	04/03/97	2354	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701392	04/04/97	0050	Kenova Fire Station	<1		<1		<1		<1		<1		1.06		<1		<1		<1
9701393	04/04/97	0413	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701394	04/04/97	0237	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701395	04/04/97	0330	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701396	04/04/97	0426	Kenova Fire Station	2.74		<1		<1		<1		<1		<1		<1		<1		<1
9701397	04/04/97	0520	Kenova Fire Station	2.55		<1		<1		<1		<1		<1		<1		<1		<1
9701398	04/04/97	0614	Kenova Fire Station	2.48		<1		<1		<1		<1		<1		<1		<1		<1
9701399	04/04/97	1203	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701400	04/04/97	1856	Kenova Fire Station	13.1		<1		<1		<1		<1		<1		<1		<1		<1
9701401	04/04/97	1951	Kenova Fire Station	10.5		<1		<1		<1		<1		<1		<1		<1		<1
9701402	04/04/97	2044	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701403	04/04/97	2138	Kenova Fire Station	5.89		<1		<1		<1		<1		<1		<1		<1		<1
9701404	04/04/97	2231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701405	04/04/97	2325	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701406	04/05/97	0019	Kenova Fire Station	5.16		<1		<1		<1		<1		<1		<1		<1		<1
9701407	04/05/97	0114	Kenova Fire Station	5.77		<1		<1		<1		<1		<1		<1		<1		<1
9701408	04/05/97	0207	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701409	04/05/97	0300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701410	04/05/97	0355	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701411	04/05/97	1151	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701412	04/05/97	1246	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701413	04/05/97	1339	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701414	04/05/97	1433	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701415	04/05/97	1657	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701416	04/05/97	1744	Kenova Fire Station	9.79		1.72		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9701417	04/05/97	1843	Kenova Fire Station	8.97		1.67		2.23		<1		1.34	L	2.25	L	<1		<1		1.84		<1		<1	
9701418	04/05/97	1941	Kenova Fire Station	8.6		1.73		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9701419	04/05/97	2040	Kenova Fire Station	8.69		1.84		2.9		<1		<1		<1		<1		<1		<1		<1		<1	
9701420	04/05/97	2135	Kenova Fire Station	8.04		1.74		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701421	04/05/97	2234	Kenova Fire Station	8.75		1.75		2.19		<1		<1		1.16	L	<1		<1		<1		<1		<1	
9701422	04/05/97	2332	Kenova Fire Station	8.66		1.55		2.05		<1		<1		<1		<1		<1		<1		<1		<1	
9701423	04/06/97	0030	Kenova Fire Station	8.91		1.67		2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9701424	04/06/97	1220	Kenova Fire Station	8.19		1.93		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9701425	04/06/97	1307	Kenova Fire Station	9.29		1.92		2.22		<1		1.31	L	4.08	L	<1		<1		1.05		<1		<1	
9701426	04/06/97	1406	Kenova Fire Station	8.15		1.9		2.14		<1		<1		1.32	L	<1		<1		<1		<1		<1	
9701427	04/06/97	1505	Kenova Fire Station	8.72		1.82		2.12		<1		1.51	L	4.5	L	<1		<1		1.05		<1		<1	
9701428	04/06/97	1616	Kenova Fire Station	8.56		1.89		2.07		<1		<1		1.33	L	<1		<1		<1		<1		<1	
9701429	04/06/97	1721	Kenova Fire Station	8.15		1.66		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701430	04/06/97	1837	Kenova Fire Station	10.5		2.14		2.37		<1		<1		<1		<1		<1		<1		<1		<1	
9701431	04/06/97	1923	Kenova Fire Station	17.6		3.22		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701433	04/06/97	2109	Kenova Fire Station	<1		4.42		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701434	04/06/97	2203	Kenova Fire Station	15.5		3.11		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701435	04/06/97	2256	Kenova Fire Station	<1		3.05		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701436	04/06/97	2349	Kenova Fire Station	16.7		2.72		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701437	04/07/97	0042	Kenova Fire Station	15.9		2.46		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701438	04/07/97	0135	Kenova Fire Station	16.7		2.64		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701439	04/07/97	0228	Kenova Fire Station	11.9		2.12		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701440	04/07/97	0321	Kenova Fire Station	<1		2.07		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701441	04/07/97	0414	Kenova Fire Station	11.9		2.02		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701442	04/07/97	0507	Kenova Fire Station	12		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701443	04/07/97	1223	Kenova Fire Station	12		2.27		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701444	04/07/97	1307	Kenova Fire Station	11.1		2.12		2.26		<1		<1		<1		<1		<1		<1		<1		<1	
9701445	04/07/97	1401	Kenova Fire Station	10.8		2.13		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9701446	04/08/97	2049	Kenova Fire Station	9.5		1.75		2.13		<1		<1		<1		<1		<1		<1		<1		<1	
9701447	04/08/97	2146	Kenova Fire Station	9.08		1.85		2.4		<1		1.95		5.04		<1		<1		2.55		1.69		<1	
9701448	04/08/97	2320	Kenova Fire Station	<1		2.07		2.36		<1		4.49		6.22		<1		<1		2.39		1.26		<1	
9701449	04/09/97	0001	Kenova Fire Station	8.61		1.97		2.02		<1		2.05		2.27		<1		<1		<1		<1		<1	
9701450	04/09/97	0056	Kenova Fire Station	8.84		1.94		2.22		<1		1.41		2.23		1.05		<1		1.2		<1		<1	
9701451	04/09/97	0152	Kenova Fire Station	8.9		1.73		2.05		<1		<1		1.19		<1		<1		<1		<1		<1	
9701452	04/09/97	0250	Kenova Fire Station	8.94		3.14		2.13		<1		1.31		1.85		<1		<1		<1		<1		<1	
9701453	04/09/97	1139	Kenova Fire Station	8.72		1.89		2.14		<1		2.65		1.44		<1		<1		<1		<1		<1	
9701454	04/09/97	1235	Kenova Fire Station	9.01		1.85		2.15		<1		1.27		<1		<1		<1		<1		<1		<1	
9701455	04/09/97	1331	Kenova Fire Station	9.57		2.36		2.19		<1		2.16		1.59		<1		<1		<1		<1		<1	
9701456	04/09/97	1425	Kenova Fire Station	9.27		1.84		2.15		<1		1.01		<1		<1		<1		<1		<1		<1	
9701457	04/09/97	1525	Kenova Fire Station	8.83		1.89		1.99		<1		1.53		<1		<1		<1		<1		<1		<1	
9701458	04/09/97	1620	Kenova Fire Station	10.3		2.48		2.35		<1		3.22		2.93		1.51		<1		1.8		<1		<1	
9701459	04/09/97	1715	Kenova Fire Station	8.31		1.8		2.13		<1		1.73		1.5		2.29		3.11		8.8		2.83		<1	
9701460	04/09/97	1811	Kenova Fire Station	8.98		1.85		2.1		<1		1.44		1.37		<1		1.09		3.25		1.25		<1	
9701461	04/09/97	1907	Kenova Fire Station	9.13		1.74		2.09		<1		1.62		1.01		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701416	04/05/97	1744	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701417	04/05/97	1843	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701418	04/05/97	1941	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701419	04/05/97	2040	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701420	04/05/97	2135	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701421	04/05/97	2234	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701422	04/05/97	2332	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701423	04/06/97	0030	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701424	04/06/97	1220	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701425	04/06/97	1307	Kenova Fire Station	<1		<1		2.64		<1		<1		<1		<1		<1		<1		<1		<1	
9701426	04/06/97	1406	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701427	04/06/97	1505	Kenova Fire Station	<1		<1		2.1		<1		<1		<1		<1		<1		<1		<1		<1	
9701428	04/06/97	1616	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701429	04/06/97	1721	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701430	04/06/97	1837	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701431	04/06/97	1923	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701433	04/06/97	2109	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701434	04/06/97	2203	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701435	04/06/97	2256	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701436	04/06/97	2349	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701437	04/07/97	0042	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701438	04/07/97	0135	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701439	04/07/97	0228	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701440	04/07/97	0321	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701441	04/07/97	0414	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701442	04/07/97	0507	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701443	04/07/97	1223	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701444	04/07/97	1307	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701445	04/07/97	1401	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701446	04/08/97	2049	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701447	04/08/97	2146	Kenova Fire Station	<1		<1		<1		<1		<1		<1		1.54		<1		<1		<1		<1	
9701448	04/08/97	2320	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701449	04/09/97	0001	Kenova Fire Station	<1		2.22		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701450	04/09/97	0056	Kenova Fire Station	<1		3.36		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701451	04/09/97	0152	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701452	04/09/97	0250	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701453	04/09/97	1139	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701454	04/09/97	1235	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701455	04/09/97	1331	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701456	04/09/97	1425	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701457	04/09/97	1525	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701458	04/09/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701459	04/09/97	1715	Kenova Fire Station	<1		1.5		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701460	04/09/97	1811	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701461	04/09/97	1907	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprptoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701416	04/05/97	1744	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701417	04/05/97	1843	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701418	04/05/97	1941	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701419	04/05/97	2040	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701420	04/05/97	2135	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701421	04/05/97	2234	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701422	04/05/97	2332	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701423	04/06/97	0030	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701424	04/06/97	1220	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701425	04/06/97	1307	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701426	04/06/97	1406	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701427	04/06/97	1505	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701428	04/06/97	1616	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701429	04/06/97	1721	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701430	04/06/97	1837	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701431	04/06/97	1923	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701433	04/06/97	2109	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701434	04/06/97	2203	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701435	04/06/97	2256	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701436	04/06/97	2349	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701437	04/07/97	0042	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701438	04/07/97	0135	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701439	04/07/97	0228	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701440	04/07/97	0321	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701441	04/07/97	0414	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701442	04/07/97	0507	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701443	04/07/97	1223	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701444	04/07/97	1307	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701445	04/07/97	1401	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701446	04/08/97	2049	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701447	04/08/97	2146	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701448	04/08/97	2320	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701449	04/09/97	0001	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701450	04/09/97	0056	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701451	04/09/97	0152	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701452	04/09/97	0250	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701453	04/09/97	1139	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701454	04/09/97	1235	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701455	04/09/97	1331	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701456	04/09/97	1425	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701457	04/09/97	1525	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701458	04/09/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701459	04/09/97	1715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701460	04/09/97	1811	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701461	04/09/97	1907	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701462	04/09/97	2002	Kenova Fire Station	8.84		1.99		2.04		<1		<1		1.15		<1		<1		<1		<1		<1	
9701463	04/09/97	2058	Kenova Fire Station	8.86		1.89		2.16		<1		1.04		1.32		<1		<1		1.07		<1		<1	
9701464	04/09/97	2156	Kenova Fire Station	9.28		1.95		2.13		<1		1.19		1.92		1.41		<1		1.67		<1		<1	
9701465	04/09/97	2251	Kenova Fire Station	9.69		1.7		2.1		<1		1.83		3.98		<1		1.15		2.5		1.45		<1	
9701466	04/09/97	2346	Kenova Fire Station	9.28		1.71		2.08		<1		1.88		2.68		<1		<1		1.78		<1		<1	
9701467	04/10/97	0041	Kenova Fire Station	9.34		1.74		2.06		<1		1.99		2.98		1.55		<1		1.85		<1		<1	
9701468	04/10/97	0137	Kenova Fire Station	9.64		1.9		2.08		<1		2.13		3.78		1.9		<1		2.26		1.15		<1	
9701469	04/10/97	0232	Kenova Fire Station	9.8		1.82		2.08		<1		1.98		2.03		1.09		<1		1.28		<1		<1	
9701470	04/10/97	0327	Kenova Fire Station	10		1.73		1.9		<1		1.84		2.97		1.4		<1		1.64		<1		<1	
9701471	04/10/97	0423	Kenova Fire Station	8.47		1.86		2.09		<1		1.07		1.49		<1		<1		<1		<1		<1	
9701472	04/10/97	1154	Kenova Fire Station	8.84		1.89		2.09		<1		<1		1.14		<1		<1		<1		<1		<1	
9701473	04/10/97	1517	Kenova Fire Station	<1		1.67		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701474	04/10/97	1636	Kenova Fire Station	8.03		1.88		1.93		<1		1.19		<1		<1		<1		<1		<1		<1	
9701475	04/10/97	1731	Kenova Fire Station	8.5		1.83		2.03		<1		1.19		1.56		<1		<1		1.16		<1		<1	
9701476	04/10/97	1818	Kenova Fire Station	8.63		1.79		1.85		<1		2.06		2.15		<1		<1		1.14		<1		<1	
9701477	04/10/97	1913	Kenova Fire Station	8.39		1.97		1.89		<1		1.99		1.55		<1		<1		<1		<1		<1	
9701478	04/10/97	2009	Kenova Fire Station	8.97		1.76		2		<1		1.99		3.01		<1		<1		1.4		<1		<1	
9701479	04/10/97	2104	Kenova Fire Station	7.93		1.71		1.93		<1		2.85		5.31		1.11		1.4		3.8		1.78		<1	
9701480	04/10/97	2159	Kenova Fire Station	8.52		1.78		1.9		<1		3.77		7.19		1.45		2.09		5.02		2.14		<1	
9701481	04/10/97	2255	Kenova Fire Station	8.65		1.85		2		<1		3		4.96		1.08		1.69		4.07		2.79		<1	
9701482	04/10/97	2350	Kenova Fire Station	7.28		1.5		1.83		<1		1.95		4.24		<1		1.21		3.02		1.87		<1	
9701483	04/11/97	0046	Kenova Fire Station	9.37		2.03		2.08		<1		1.47		2.2		1.41		<1		1.62		1.01		<1	
9701484	04/11/97	0141	Kenova Fire Station	8.47		1.64		1.87		<1		1.14		1.99		<1		<1		1.82		1.13		<1	
9701485	04/11/97	0236	Kenova Fire Station	9.46		1.84		2.01		<1		1.13		1.96		1.28		<1		1.41		<1		<1	
9701486	04/11/97	0332	Kenova Fire Station	8.4		1.85		2.02		<1		<1		1.84		1.18		<1		1.35		<1		<1	
9701487	04/11/97	0427	Kenova Fire Station	9.97		1.88		2.18		<1		1.08		1.72		1.14		<1		1.34		1.09		<1	
9701488	04/11/97	0522	Kenova Fire Station	9.58		1.58		1.93		<1		<1		29.7		3.21		3.58		9.7		2.6		<1	
9701489	04/11/97	1258	Kenova Fire Station	7.87		1.76		1.87		<1		1.25		1.89		<1		<1		1.19		<1		<1	
9701490	04/11/97	1344	Kenova Fire Station	23.4		8.27		1.82		<1		4.92		2.9		1.28		<1		<1		<1		<1	
9701491	04/11/97	1444	Kenova Fire Station	8.5		1.85		2.05		<1		10.2		1.8		<1		<1		<1		<1		<1	
9701492	04/11/97	1620	Kenova Fire Station	9.06		1.33		1.92		<1		<1		1.17		<1		<1		<1		<1		<1	
9701493	04/11/97	1754	Kenova Fire Station	7.66		1.62		1.83		<1		<1		4.57		<1		<1		<1		<1		<1	
9701494	04/11/97	1839	Kenova Fire Station	9.36		1.53		1.98		<1		1.21		2.75		<1		<1		2.14		<1		<1	
9701495	04/11/97	1927	Kenova Fire Station	9.27		2.6		1.96		<1		1.75		3.97		2.59		1.34		2.94		<1		<1	
9701496	04/11/97	2014	Kenova Fire Station	9.01		2.48		1.93		<1		2.22		4.75		1.05		1.59		3.51		1.91		<1	
9701497	04/11/97	2102	Kenova Fire Station	11.9		1.89		2.09		<1		<1		11		2.89		3.35		7.66		4.42		1.26	
9701498	04/11/97	2148	Kenova Fire Station	11.3		1.58		1.97		<1		<1		19.8		4.65		6.1		15.4		8.01		2.44	
9701499	04/11/97	2236	Kenova Fire Station	10.1		1.64		2.01		<1		5.66		8.39		2.13		2.83		6.76		4.08		1.13	
9701500	04/11/97	2323	Kenova Fire Station	10.8		3.28		1.95		<1		1.88		14.6		3.38		4.58		11		5.57		1.79	
9701501	04/12/97	0010	Kenova Fire Station	11.8		1.73		2.08		<1		<1		11.6		8.88		4.11		10.1		5.05		1.36	
9701502	04/12/97	0057	Kenova Fire Station	10.2		1.77		2.06		<1		2.62		4.68		1.15		1.49		3.79		2.26		<1	
9701503	04/12/97	0144	Kenova Fire Station	8.77		1.86		2.11		<1		2.62		5.04		1.16		1.57		3.89		2.17		<1	
9701504	04/12/97	0231	Kenova Fire Station	9.64		<1		1.98		<1		2.71		5.8		1.63		1.93		5.53		2.35		<1	
9701505	04/12/97	0318	Kenova Fire Station	9.38		1.89		2.08		<1		2.15		4.68		1.23		1.41		4.17		1.9		<1	
9701506	04/12/97	0404	Kenova Fire Station	9.03		1.9		1.96		<1		1.32		2.84		1.8		<1		2.09		1.23		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701462	04/09/97	2002	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701463	04/09/97	2058	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701464	04/09/97	2156	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701465	04/09/97	2251	Kenova Fire Station	<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701466	04/09/97	2346	Kenova Fire Station	<1		2.9		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701467	04/10/97	0041	Kenova Fire Station	<1		3.38		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701468	04/10/97	0137	Kenova Fire Station	<1		10.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701469	04/10/97	0232	Kenova Fire Station	<1		8.77		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701470	04/10/97	0327	Kenova Fire Station	<1		6.2		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701471	04/10/97	0423	Kenova Fire Station	<1		9.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701472	04/10/97	1154	Kenova Fire Station	<1		1.85		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701473	04/10/97	1517	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701474	04/10/97	1636	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701475	04/10/97	1731	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701476	04/10/97	1818	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701477	04/10/97	1913	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701478	04/10/97	2009	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701479	04/10/97	2104	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701480	04/10/97	2159	Kenova Fire Station	<1		1.75		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701481	04/10/97	2255	Kenova Fire Station	<1		3.16		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701482	04/10/97	2350	Kenova Fire Station	<1		2.2		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701483	04/11/97	0046	Kenova Fire Station	<1		1.22		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701484	04/11/97	0141	Kenova Fire Station	<1		1.29		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701485	04/11/97	0236	Kenova Fire Station	<1		1.23		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701486	04/11/97	0332	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701487	04/11/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701488	04/11/97	0522	Kenova Fire Station	<1		3.24		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701489	04/11/97	1258	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701490	04/11/97	1344	Kenova Fire Station	<1		1.11		1.22		<1		<1		<1		<1		<1		<1		<1		<1	
9701491	04/11/97	1444	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701492	04/11/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701493	04/11/97	1754	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701494	04/11/97	1839	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701495	04/11/97	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701496	04/11/97	2014	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701497	04/11/97	2102	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		5.55		<1	
9701498	04/11/97	2148	Kenova Fire Station	2.01		<1		<1		<1		<1		1.48		<1		<1		<1		2.6		<1	
9701499	04/11/97	2236	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		1.5		<1	
9701500	04/11/97	2323	Kenova Fire Station	<1		<1		<1		<1		<1		1.09		<1		<1		<1		1.24		<1	
9701501	04/12/97	0010	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701502	04/12/97	0057	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701503	04/12/97	0144	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701504	04/12/97	0231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701505	04/12/97	0318	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701506	04/12/97	0404	Kenova Fire Station	<1		5.06		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701462	04/09/97	2002	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701463	04/09/97	2058	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701464	04/09/97	2156	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701465	04/09/97	2251	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701466	04/09/97	2346	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701467	04/10/97	0041	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701468	04/10/97	0137	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701469	04/10/97	0232	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701470	04/10/97	0327	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701471	04/10/97	0423	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701472	04/10/97	1154	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701473	04/10/97	1517	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701474	04/10/97	1636	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701475	04/10/97	1731	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701476	04/10/97	1818	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701477	04/10/97	1913	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701478	04/10/97	2009	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701479	04/10/97	2104	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701480	04/10/97	2159	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701481	04/10/97	2255	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701482	04/10/97	2350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701483	04/11/97	0046	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701484	04/11/97	0141	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701485	04/11/97	0236	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701486	04/11/97	0332	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701487	04/11/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701488	04/11/97	0522	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701489	04/11/97	1258	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701490	04/11/97	1344	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701491	04/11/97	1444	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701492	04/11/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701493	04/11/97	1754	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701494	04/11/97	1839	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701495	04/11/97	1927	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701496	04/11/97	2014	Kenova Fire Station	1.58		<1		<1		<1		<1		<1		<1		<1		<1
9701497	04/11/97	2102	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701498	04/11/97	2148	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701499	04/11/97	2236	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701500	04/11/97	2323	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701501	04/12/97	0010	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701502	04/12/97	0057	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701503	04/12/97	0144	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701504	04/12/97	0231	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701505	04/12/97	0318	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701506	04/12/97	0404	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701507	04/12/97	1240	Kenova Fire Station	8.19		1.92		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9701508	04/12/97	1549	Kenova Fire Station	8.51		1.75		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9701509	04/12/97	1636	Kenova Fire Station	8.43		1.72		1.9		<1		<1		<1		<1		<1		<1		<1		<1	
9701510	04/12/97	1733	Kenova Fire Station	8.12		2.11		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9701511	04/12/97	1833	Kenova Fire Station	8.55		1.87		1.97		<1		<1		<1		<1		<1		<1		<1		<1	
9701512	04/12/97	1929	Kenova Fire Station	8.17		1.91		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9701513	04/12/97	2029	Kenova Fire Station	8.01		1.79		2.02		<1		<1		<1		<1		<1		<1		<1		<1	
9701514	04/12/97	2128	Kenova Fire Station	8.52		2.01		2.1		<1		<1		<1		<1		<1		<1		<1		<1	
9701515	04/12/97	2227	Kenova Fire Station	9		2.15		2.16		<1		<1		<1		<1		<1		<1		<1		<1	
9701516	04/12/97	2325	Kenova Fire Station	8.28		2.05		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9701517	04/13/97	0024	Kenova Fire Station	8.48		1.95		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9701518	04/13/97	0123	Kenova Fire Station	8.67		2.09		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701519	04/13/97	0222	Kenova Fire Station	8.95		1.96		2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9701520	04/13/97	0321	Kenova Fire Station	9.36		2.11		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9701521	04/13/97	0420	Kenova Fire Station	9.45		2.04		2.21		<1		<1		<1		<1		<1		<1		<1		<1	
9701522	04/13/97	0519	Kenova Fire Station	8.59		2.25		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9701523	04/13/97	0616	Kenova Fire Station	8.54		1.96		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701524	04/13/97	0715	Kenova Fire Station	9.02		1.76		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9701560	04/13/97	1220	Kenova Fire Station	8.31		1.94		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9701561	04/13/97	1306	Kenova Fire Station	8.15		1.79		1.93		<1		<1		<1		<1		<1		<1		<1		<1	
9701562	04/13/97	1356	Kenova Fire Station	8.18		1.65		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9701563	04/13/97	1443	Kenova Fire Station	8.47		1.77		1.99		<1		<1		<1		<1		<1		<1		<1		<1	
9701564	04/13/97	1531	Kenova Fire Station	8.68		2.04		2		<1		<1		<1		<1		<1		<1		<1		<1	
9701565	04/13/97	1619	Kenova Fire Station	8.74		1.74		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701566	04/13/97	1707	Kenova Fire Station	8.62		1.8		2.05		<1		<1		<1		<1		<1		<1		<1		<1	
9701567	04/13/97	1755	Kenova Fire Station	8.39		1.75		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9701568	04/13/97	1844	Kenova Fire Station	8.65		1.96		1.84		<1		<1		<1		<1		<1		<1		<1		<1	
9701569	04/13/97	1934	Kenova Fire Station	8.24		1.76		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9701570	04/13/97	2025	Kenova Fire Station	9.17		2.05		2.12		<1		1.14		<1		<1		<1		<1		<1		<1	
9701571	04/13/97	2129	Kenova Fire Station	8.45		1.99		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701572	04/13/97	2213	Kenova Fire Station	8.75		2.05		1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9701573	04/13/97	2302	Kenova Fire Station	8.47		1.97		2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9701574	04/13/97	2350	Kenova Fire Station	8.06		1.9		2.23		<1		<1		<1		<1		<1		<1		<1		<1	
9701575	04/14/97	0037	Kenova Fire Station	8.22		1.96		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9701576	04/14/97	0122	Kenova Fire Station	9.02		2.09		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9701577	04/14/97	0208	Kenova Fire Station	9.21		2.02		1.96		<1		<1		<1		<1		<1		<1		<1		<1	
9701578	04/14/97	0255	Kenova Fire Station	9.55		1.98		2.07		<1		<1		1.43		<1		<1		1.02		<1		<1	
9701579	04/14/97	0341	Kenova Fire Station	8.81		1.74		2.13		<1		<1		<1		<1		<1		<1		<1		<1	
9701580	04/14/97	0427	Kenova Fire Station	8.43		1.73		2.22		<1		1.02		1.61		1.07		<1		1.17		<1		<1	
9701581	04/14/97	0513	Kenova Fire Station	9		1.79		2.19		<1		1.16		1.41		<1		<1		<1		<1		<1	
9701582	04/14/97	0559	Kenova Fire Station	9.08		1.87		2.23		<1		1.28		1.88		1		<1		1.07		<1		<1	
9701583	04/14/97	0645	Kenova Fire Station	9.26		1.95		2.19		<1		3.81		4.31		1.76		<1		2.09		<1		<1	
9701584	04/14/97	0732	Kenova Fire Station	9.63		1.79		2.1		<1		3.64		6.01		1.24		1.74		4.42		2.43		<1	
9701585	04/14/97	0825	Kenova Fire Station	9.46		1.65		2.06		<1		5.78		10		1.97		2.79		6.67		3.85		2.38	
9701586	04/14/97	1232	Kenova Fire Station	9.4		2.03		2.17		<1		2.23		1.01		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701507	04/12/97	1240	Kenova Fire Station	<1		1.23		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701508	04/12/97	1549	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701509	04/12/97	1636	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701510	04/12/97	1733	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701511	04/12/97	1833	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701512	04/12/97	1929	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701513	04/12/97	2029	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701514	04/12/97	2128	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701515	04/12/97	2227	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701516	04/12/97	2325	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701517	04/13/97	0024	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701518	04/13/97	0123	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701519	04/13/97	0222	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701520	04/13/97	0321	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701521	04/13/97	0420	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701522	04/13/97	0519	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701523	04/13/97	0616	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701524	04/13/97	0715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701560	04/13/97	1220	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701561	04/13/97	1306	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701562	04/13/97	1356	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701563	04/13/97	1443	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701564	04/13/97	1531	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701565	04/13/97	1619	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701566	04/13/97	1707	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701567	04/13/97	1755	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701568	04/13/97	1844	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701569	04/13/97	1934	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701570	04/13/97	2025	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701571	04/13/97	2129	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701572	04/13/97	2213	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701573	04/13/97	2302	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701574	04/13/97	2350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701575	04/14/97	0037	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701576	04/14/97	0122	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701577	04/14/97	0208	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701578	04/14/97	0255	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701579	04/14/97	0341	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701580	04/14/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701581	04/14/97	0513	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701582	04/14/97	0559	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701583	04/14/97	0645	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701584	04/14/97	0732	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701585	04/14/97	0825	Kenova Fire Station	<1		4.61		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701586	04/14/97	1232	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701507	04/12/97	1240	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701508	04/12/97	1549	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701509	04/12/97	1636	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701510	04/12/97	1733	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701511	04/12/97	1833	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701512	04/12/97	1929	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701513	04/12/97	2029	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701514	04/12/97	2128	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701515	04/12/97	2227	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701516	04/12/97	2325	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701517	04/13/97	0024	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701518	04/13/97	0123	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701519	04/13/97	0222	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701520	04/13/97	0321	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701521	04/13/97	0420	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701522	04/13/97	0519	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701523	04/13/97	0616	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701524	04/13/97	0715	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701560	04/13/97	1220	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701561	04/13/97	1306	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701562	04/13/97	1356	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701563	04/13/97	1443	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701564	04/13/97	1531	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701565	04/13/97	1619	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701566	04/13/97	1707	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701567	04/13/97	1755	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701568	04/13/97	1844	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701569	04/13/97	1934	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701570	04/13/97	2025	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701571	04/13/97	2129	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701572	04/13/97	2213	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701573	04/13/97	2302	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701574	04/13/97	2350	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701575	04/14/97	0037	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701576	04/14/97	0122	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701577	04/14/97	0208	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701578	04/14/97	0255	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701579	04/14/97	0341	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701580	04/14/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701581	04/14/97	0513	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701582	04/14/97	0559	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701583	04/14/97	0645	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701584	04/14/97	0732	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701585	04/14/97	0825	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701586	04/14/97	1232	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701587	04/14/97	1915	Kenova Fire Station	8.4		1.72		1.94		<1		1.44		5.53		<1		<1		<1		<1		<1	
9701588	04/14/97	2021	Kenova Fire Station	12.4		2.05		<1		<1		2.93		1.06		<1		<1		2.77		1.64		<1	
9701589	04/14/97	2106	Kenova Fire Station	13.1		3.64		<1		<1		<1		6.27		<1		1.87		4.8		2.56		1.17	
9701590	04/14/97	2150	Kenova Fire Station	<1		2.26		<1		<1		<1		7.5		<1		1.55		4.17		2.45		1.94	
9701591	04/14/97	2234	Kenova Fire Station	<1		3.26		<1		<1		<1		7.85		<1		1.68		3.8		2.48		1.21	
9701592	04/14/97	2319	Kenova Fire Station	<1		3.22		<1		<1		<1		8.14		1.27		1.95		4.65		2.94		1.41	
9701593	04/15/97	0003	Kenova Fire Station	<1		5.27		<1		<1		<1		8.11		1.23		2.18		5.66		2.99		1.42	
9701594	04/15/97	0047	Kenova Fire Station	11.4		3.47		<1		<1		2.8		4.76		<1		1.23		2.79		1.85		<1	
9701595	04/15/97	0131	Kenova Fire Station	13.3		1.77		<1		<1		<1		15.8		2.23		3.36		9.42		2.87		1.65	
9701596	04/15/97	0216	Kenova Fire Station	14.5		1.59		<1		<1		<1		18.6		2.76		4.02		11		3.85		2.07	
9701597	04/15/97	0301	Kenova Fire Station	11.7		2.22		<1		<1		<1		28.4		4.29		6.66		17.8		5.76		2.9	
9701598	04/15/97	0346	Kenova Fire Station	13.8		2.36		<1		<1		<1		14.4		1.97		3.35		8.97		3.59		1.78	
9701599	04/15/97	0430	Kenova Fire Station	13.8		1.98		<1		<1		<1		9.2		1.78		2.32		7.56		3.3		1.59	
9701600	04/15/97	0514	Kenova Fire Station	13		2.01		<1		<1		2.83		5.16		1.13		1.6		4.73		1.96		<1	
9701601	04/15/97	0558	Kenova Fire Station	12.8		2.32		<1		<1		2.77		5.93		1.2		1.93		5.31		2.36		1.19	
9701697	04/15/97	1222	Kenova Fire Station	9.95		2.18		2.57		<1		<1		<1		<1		<1		<1		<1		<1	
9701698	04/15/97	1307	Kenova Fire Station	10.1		2.31		2.57		<1		<1		<1		<1		<1		<1		<1		<1	
9701699	04/15/97	1353	Kenova Fire Station	10.8		2.5		2.5		<1		<1		<1		<1		<1		<1		<1		<1	
9701700	04/15/97	1518	Kenova Fire Station	11.6		2.63		2.25		<1		<1		<1		<1		<1		<1		<1		<1	
9701701	04/15/97	1620	Kenova Fire Station	11.8		2.84		2.48		<1		<1		<1		<1		<1		<1		<1		<1	
9701702	04/15/97	1704	Kenova Fire Station	12		2.56		2.64		<1		<1		<1		<1		<1		<1		<1		<1	
9701703	04/15/97	1750	Kenova Fire Station	12.1		2.31		2.41		<1		<1		<1		<1		<1		<1		<1		<1	
9701704	04/15/97	1835	Kenova Fire Station	11.6		3		2.2		<1		<1		<1		<1		<1		<1		<1		<1	
9701705	04/15/97	1920	Kenova Fire Station	11.9		2.53		2.29		<1		<1		<1		<1		<1		<1		<1		<1	
9701706	04/15/97	2004	Kenova Fire Station	12.7		2.43		2.59		<1		1.3		1.61		<1		<1		1.56		<1		<1	
9701707	04/15/97	2049	Kenova Fire Station	12.8		2.67		2.63		<1		1.85		3.1		<1		1.35		3.46		1.66		<1	
9701708	04/15/97	2134	Kenova Fire Station	13.5		2.21		2.87		<1		1.91		3.26		<1		<1		3.53		2.06		<1	
9701709	04/15/97	2219	Kenova Fire Station	11.7		1.98		2.59		<1		1.68		2.78		<1		1.03		2.72		1.54		<1	
9701710	04/15/97	2304	Kenova Fire Station	12.9		1.98		2.94		<1		4.24		6.17		1.3		2.1		5.44		2.73		1.37	
9701711	04/15/97	2349	Kenova Fire Station	12.4		2.14		2.74		<1		2.14		4.41		<1		1.6		4.23		2.54		<1	
9701712	04/16/97	0033	Kenova Fire Station	12.6		2.19		2.78		<1		2.36		5.41		1.14		2.03		5.22		2.71		<1	
9701713	04/16/97	0118	Kenova Fire Station	13.9		1.93		2.88		<1		3.35		5.62		1.18		1.89		4.75		2.85		<1	
9701714	04/16/97	0203	Kenova Fire Station	12.5		2.13		2.85		<1		3.64		5.97		1.14		1.92		5.21		2.87		<1	
9701715	04/16/97	0248	Kenova Fire Station	14.3		1.96		3.01		<1		3.47		6.84		1.33		2.2		5.61		3.09		1.07	
9701716	04/16/97	0333	Kenova Fire Station	14.5		10.3		3.13		<1		3.78		9.7		1.67		2.67		5.35		<1		1.23	
9701717	04/16/97	0417	Kenova Fire Station	13.6		1.93		3.21		<1		3.99		12.8		1.76		2.28		5.81		3.12		1.68	
9701718	04/16/97	0502	Kenova Fire Station	13.1		1.72		3.14		<1		3.56		14.3		1.29		1.66		5.43		2.97		1.08	
9701719	04/16/97	0547	Kenova Fire Station	12		9.84		2.97		<1		2.91		13.6		<1		1.36		3.27		1.99		<1	
9701720	04/16/97	0631	Kenova Fire Station	12.3		1.93		3.03		<1		4.8		13.5		1.42		2.03		5.38		2.83		1.04	
9701721	04/16/97	0716	Kenova Fire Station	12.4		2.1		3.03		<1		6.33		13.6		1.75		2.58		6.54		3.73		1.82	
9701722	04/16/97	0802	Kenova Fire Station	10.5		2.36		2.98		<1		3.88		8.4		1.16		2.18		4.33		3.1		2.75	
9701723	04/17/97	1219	Kenova Fire Station	10.2		2.38		2.1		<1		1.03		1.08		<1		<1		<1		<1		<1	
9701724	04/17/97	1306	Kenova Fire Station	5.78		1.02		1.16		<1		<1		<1		<1		<1		<1		<1		<1	
9701725	04/17/97	1351	Kenova Fire Station	4.54		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701726	04/17/97	1435	Kenova Fire Station	3.79		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701587	04/14/97	1915	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701588	04/14/97	2021	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		3.73		<1	
9701589	04/14/97	2106	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701590	04/14/97	2150	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701591	04/14/97	2234	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701592	04/14/97	2319	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701593	04/15/97	0003	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701594	04/15/97	0047	Kenova Fire Station	<1		2.77		<1		<1		<1		<1		1.16		<1		<1		<1		<1	
9701595	04/15/97	0131	Kenova Fire Station	<1		3.15		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701596	04/15/97	0216	Kenova Fire Station	<1		5.62		1.07		<1		<1		<1		<1		<1		<1		<1		<1	
9701597	04/15/97	0301	Kenova Fire Station	<1		5.4		1.51		<1		<1		<1		<1		<1		<1		<1		<1	
9701598	04/15/97	0346	Kenova Fire Station	<1		5.22		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701599	04/15/97	0430	Kenova Fire Station	<1		4.42		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701600	04/15/97	0514	Kenova Fire Station	<1		2.05		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701601	04/15/97	0558	Kenova Fire Station	<1		2.81		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701697	04/15/97	1222	Kenova Fire Station	<1		<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701698	04/15/97	1307	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701699	04/15/97	1353	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701700	04/15/97	1518	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701701	04/15/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701702	04/15/97	1704	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701703	04/15/97	1750	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701704	04/15/97	1835	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701705	04/15/97	1920	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701706	04/15/97	2004	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701707	04/15/97	2049	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701708	04/15/97	2134	Kenova Fire Station	<1		1.57		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701709	04/15/97	2219	Kenova Fire Station	<1		1.91		<1		<1		<1		<1		1.11		<1		<1		<1		<1	
9701710	04/15/97	2304	Kenova Fire Station	<1		6.12		<1		<1		<1		<1		1.16		<1		<1		<1		<1	
9701711	04/15/97	2349	Kenova Fire Station	<1		8.74		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701712	04/16/97	0033	Kenova Fire Station	<1		7.62		<1		<1		<1		<1		1.2		<1		<1		<1		<1	
9701713	04/16/97	0118	Kenova Fire Station	<1		7.07		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701714	04/16/97	0203	Kenova Fire Station	<1		9.77		<1		<1		<1		<1		1.51		<1		<1		<1		<1	
9701715	04/16/97	0248	Kenova Fire Station	<1		9.59		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701716	04/16/97	0333	Kenova Fire Station	<1		10.6		1.81		<1		<1		<1		<1		<1		3.75		1.37		<1	
9701717	04/16/97	0417	Kenova Fire Station	<1		10.5		2.69		<1		<1		<1		<1		<1		<1		1.07		<1	
9701718	04/16/97	0502	Kenova Fire Station	<1		11.1		2.37		<1		<1		<1		<1		<1		<1		<1		<1	
9701719	04/16/97	0547	Kenova Fire Station	<1		8.15		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701720	04/16/97	0631	Kenova Fire Station	<1		11.1		1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9701721	04/16/97	0716	Kenova Fire Station	<1		6.24		2.57		<1		<1		<1		<1		<1		<1		<1		<1	
9701722	04/16/97	0802	Kenova Fire Station	<1		9.52		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701723	04/17/97	1219	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701724	04/17/97	1306	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701725	04/17/97	1351	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701726	04/17/97	1435	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701587	04/14/97	1915	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701588	04/14/97	2021	Kenova Fire Station	1.36		<1		<1		<1		<1		<1		<1		<1		<1
9701589	04/14/97	2106	Kenova Fire Station	2.1		<1		<1		<1		<1		<1		<1		<1		<1
9701590	04/14/97	2150	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701591	04/14/97	2234	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701592	04/14/97	2319	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701593	04/15/97	0003	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701594	04/15/97	0047	Kenova Fire Station	1.53		<1		<1		<1		<1		<1		<1		<1		<1
9701595	04/15/97	0131	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701596	04/15/97	0216	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701597	04/15/97	0301	Kenova Fire Station	<1		<1		<1		<1		<1		<1		4.92		<1		<1
9701598	04/15/97	0346	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701599	04/15/97	0430	Kenova Fire Station	2.83		<1		<1		<1		<1		<1		<1		<1		<1
9701600	04/15/97	0514	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701601	04/15/97	0558	Kenova Fire Station	1.94		<1		<1		<1		<1		<1		<1		<1		<1
9701697	04/15/97	1222	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701698	04/15/97	1307	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701699	04/15/97	1353	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701700	04/15/97	1518	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701701	04/15/97	1620	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701702	04/15/97	1704	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701703	04/15/97	1750	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701704	04/15/97	1835	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701705	04/15/97	1920	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701706	04/15/97	2004	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701707	04/15/97	2049	Kenova Fire Station	1.38		<1		<1		<1		<1		<1		<1		<1		<1
9701708	04/15/97	2134	Kenova Fire Station	1.7		<1		<1		<1		<1		<1		<1		<1		<1
9701709	04/15/97	2219	Kenova Fire Station	1.28		<1		<1		<1		<1		<1		<1		<1		<1
9701710	04/15/97	2304	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701711	04/15/97	2349	Kenova Fire Station	2.09		<1		<1		<1		<1		<1		<1		<1		<1
9701712	04/16/97	0033	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701713	04/16/97	0118	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701714	04/16/97	0203	Kenova Fire Station	2.34		<1		<1		<1		<1		<1		<1		<1		<1
9701715	04/16/97	0248	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701716	04/16/97	0333	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701717	04/16/97	0417	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701718	04/16/97	0502	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701719	04/16/97	0547	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701720	04/16/97	0631	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701721	04/16/97	0716	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701722	04/16/97	0802	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701723	04/17/97	1219	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701724	04/17/97	1306	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701725	04/17/97	1351	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701726	04/17/97	1435	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701727	04/17/97	1520	Kenova Fire Station	3.94		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701728	04/17/97	1605	Kenova Fire Station	3.83		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701729	04/17/97	1649	Kenova Fire Station	3.73		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701730	04/17/97	1734	Kenova Fire Station	6.18		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701731	04/17/97	1819	Kenova Fire Station	5.3		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701732	04/17/97	1903	Kenova Fire Station	5.2		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701733	04/17/97	1948	Kenova Fire Station	5.36		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701734	04/17/97	2032	Kenova Fire Station	5.26		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701735	04/17/97	2116	Kenova Fire Station	5.18		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701764	04/18/97	1856	Kenova Fire Station	9.16		2.08		2.13		<1		<1		<1		<1		<1		<1		<1		<1	
9701765	04/18/97	1957	Kenova Fire Station	9.19		2.1		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9701766	04/18/97	2046	Kenova Fire Station	9.27		2.02		2.22		<1		<1		1.06		<1		<1		<1		<1		<1	
9701767	04/18/97	2132	Kenova Fire Station	9.63		2.03		<1		<1		1.45		1.88		<1		<1		1.35		<1		<1	
9701768	04/18/97	2218	Kenova Fire Station	9.73		2.05		2.25		<1		1.46		2.63		<1		<1		<1		<1		<1	
9701769	04/18/97	2304	Kenova Fire Station	9.77		1.9		2.25		<1		1.73		3.41		<1		<1		2.16		1.22		<1	
9701770	04/18/97	2353	Kenova Fire Station	10.8		<1		2.3		<1		3.18		6.44		1.29		1.75		4.35		2.73		1.48	
9701771	04/19/97	0039	Kenova Fire Station	10.8		2.38		2.38		<1		2.29		4.92		<1		1.36		3.35		2.14		<1	
9701772	04/19/97	0127	Kenova Fire Station	10.7		<1		2.28		<1		2.03		4.54		<1		1.18		2.88		1.81		<1	
9701773	04/19/97	0214	Kenova Fire Station	9.94		3.72		2.39		<1		2.83		6.35		1.08		1.46		3.52		2.05		1.04	
9701774	04/19/97	0300	Kenova Fire Station	11.2		4.9		2.27		<1		3.79		7.75		1.32		<1		4.68		2.61		<1	
9701775	04/19/97	0347	Kenova Fire Station	10.2		3.45		2.33		<1		3.19		5.41		<1		1.3		3.31		1.9		<1	
9701776	04/19/97	0436	Kenova Fire Station	9.84		<1		2.27		<1		1.76		2.29		<1		<1		1.39		<1		<1	
9701777	04/19/97	0522	Kenova Fire Station	9.49		2.11		2.17		<1		<1		<1		<1		<1		<1		<1		<1	
9701778	04/19/97	1859	Kenova Fire Station	8.71		2.69		1.99		<1		<1		<1		<1		<1		<1		<1		<1	
9701779	04/19/97	1951	Kenova Fire Station	8.93		2.23		2.18		<1		1.98		2.74		<1		<1		1.17		<1		<1	
9701780	04/19/97	2037	Kenova Fire Station	9.05		<1		2.19		<1		1.77		1.74		<1		<1		1.09		<1		<1	
9701781	04/19/97	2123	Kenova Fire Station	10.1		2.77		2.18		<1		21.4		30.8		5		6.74		16.4		5.53		1.9	
9701782	04/19/97	2209	Kenova Fire Station	9.79		2.6		2.29		<1		10.1		16		2.49		3.66		8.82		3.41		<1	
9701783	04/19/97	2255	Kenova Fire Station	9.1		1.55		2.18		<1		2.77		4.87		<1		1.25		3.04		1.47		<1	
9701784	04/19/97	2342	Kenova Fire Station	10.6		<1		2.32		<1		2.75		6.1		1.31		2.02		4.76		2.73		<1	
9701785	04/20/97	0028	Kenova Fire Station	11.5		2.55		2.31		<1		3.52		6.69		1.34		1.96		4.72		2.88		<1	
9701786	04/20/97	0114	Kenova Fire Station	11.5		1.25		2.18		<1		3.48		8.83		2.21		3.5		8.14		4.06		1.23	
9701787	04/20/97	0200	Kenova Fire Station	11		2.94		2.23		<1		4.12		11.6		3.08		4.89		11.1		5.73		1.82	
9701788	04/20/97	0247	Kenova Fire Station	10.8		1.96		2.3		<1		4.14		11.3		2.68		4.12		9.79		4.84		1.47	
9701789	04/20/97	0333	Kenova Fire Station	10.3		2.99		2.17		<1		9.33		13.6		1.95		2.8		6.56		2.86		<1	
9701790	04/20/97	0419	Kenova Fire Station	9.91		2.49		2.21		<1		12.3		18.5		3.62		5.3		12.1		5.34		1.54	
9701791	04/20/97	0506	Kenova Fire Station	9.54		2.23		2.23		<1		5.8		11.6		2.48		3.53		8.68		4.3		1.26	
9701792	04/20/97	0552	Kenova Fire Station	11.1		2.53		2.34		<1		5.29		13.1		4.04		6.61		14.9		8.32		2.57	
9701793	04/20/97	0638	Kenova Fire Station	11.1		1.7		2.24		<1		21.6		32.1		5.27		7.33		17.7		7.4		2.3	
9701794	04/20/97	0725	Kenova Fire Station	10.1		1.45		2.19		<1		62.6	J	67.5	J	8.41		10.9		26		7.02		2.26	
9701795	04/20/97	0810	Kenova Fire Station	9.33		2.27		2.13		<1		27.7		30.6		4.28		6		13.6		18.8		1.43	
9701796	04/20/97	1631	Kenova Fire Station	8.84		1.9		2.15		<1		<1		<1		<1		<1		<1		<1		<1	
9701797	04/20/97	1722	Kenova Fire Station	8.89		1.86		2.19		<1		<1		<1		<1		<1		<1		<1		<1	
9701798	04/20/97	1809	Kenova Fire Station	9.19		2.05		2.22		<1		<1		<1		<1		<1		<1		<1		<1	
9701799	04/20/97	1857	Kenova Fire Station	9.15		2.16		2.24		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701727	04/17/97	1520	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701728	04/17/97	1605	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701729	04/17/97	1649	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701730	04/17/97	1734	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701731	04/17/97	1819	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701732	04/17/97	1903	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701733	04/17/97	1948	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701734	04/17/97	2032	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701735	04/17/97	2116	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701764	04/18/97	1856	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701765	04/18/97	1957	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701766	04/18/97	2046	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701767	04/18/97	2132	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701768	04/18/97	2218	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701769	04/18/97	2304	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701770	04/18/97	2353	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701771	04/19/97	0039	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701772	04/19/97	0127	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701773	04/19/97	0214	Kenova Fire Station	<1		<1		1.26		<1		<1		<1		<1		<1		<1		<1		<1	
9701774	04/19/97	0300	Kenova Fire Station	<1		<1		1.51		<1		<1		<1		<1		<1		<1		<1		<1	
9701775	04/19/97	0347	Kenova Fire Station	1.07		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701776	04/19/97	0436	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701777	04/19/97	0522	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701778	04/19/97	1859	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701779	04/19/97	1951	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701780	04/19/97	2037	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701781	04/19/97	2123	Kenova Fire Station	<1		<1		1.18		<1		<1		1.31		<1		<1		<1		<1		<1	
9701782	04/19/97	2209	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701783	04/19/97	2255	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701784	04/19/97	2342	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701785	04/20/97	0028	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701786	04/20/97	0114	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701787	04/20/97	0200	Kenova Fire Station	<1		<1		<1		<1		<1		1.03		<1		<1		<1		<1		<1	
9701788	04/20/97	0247	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701789	04/20/97	0333	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701790	04/20/97	0419	Kenova Fire Station	<1		<1		1.19		<1		<1		<1		<1		<1		<1		<1		<1	
9701791	04/20/97	0506	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701792	04/20/97	0552	Kenova Fire Station	<1		<1		1.81		<1		<1		1.43		<1		<1		<1		<1		<1	
9701793	04/20/97	0638	Kenova Fire Station	<1		<1		1.58		<1		<1		1.41		<1		<1		<1		<1		<1	
9701794	04/20/97	0725	Kenova Fire Station	<1		<1		1.74		<1		<1		1.69		<1		<1		<1		<1		<1	
9701795	04/20/97	0810	Kenova Fire Station	<1		<1		1.08		<1		<1		1.03		<1		<1		<1		<1		<1	
9701796	04/20/97	1631	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701797	04/20/97	1722	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701798	04/20/97	1809	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701799	04/20/97	1857	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701727	04/17/97	1520	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701728	04/17/97	1605	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701729	04/17/97	1649	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701730	04/17/97	1734	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701731	04/17/97	1819	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701732	04/17/97	1903	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701733	04/17/97	1948	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701734	04/17/97	2032	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701735	04/17/97	2116	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701764	04/18/97	1856	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701765	04/18/97	1957	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701766	04/18/97	2046	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701767	04/18/97	2132	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701768	04/18/97	2218	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701769	04/18/97	2304	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701770	04/18/97	2353	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701771	04/19/97	0039	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701772	04/19/97	0127	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701773	04/19/97	0214	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701774	04/19/97	0300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701775	04/19/97	0347	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701776	04/19/97	0436	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701777	04/19/97	0522	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701778	04/19/97	1859	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701779	04/19/97	1951	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701780	04/19/97	2037	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701781	04/19/97	2123	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701782	04/19/97	2209	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701783	04/19/97	2255	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701784	04/19/97	2342	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701785	04/20/97	0028	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701786	04/20/97	0114	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701787	04/20/97	0200	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701788	04/20/97	0247	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701789	04/20/97	0333	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701790	04/20/97	0419	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701791	04/20/97	0506	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701792	04/20/97	0552	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701793	04/20/97	0638	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701794	04/20/97	0725	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701795	04/20/97	0810	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701796	04/20/97	1631	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701797	04/20/97	1722	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701798	04/20/97	1809	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701799	04/20/97	1857	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701800	04/20/97	1943	Kenova Fire Station	9.27		1.71		2.18		<1		<1		1.21		<1		<1		<1		<1		<1	
9701801	04/20/97	2357	Kenova Fire Station	10.6		2.44		2.23		<1		10.1		15.8		2.44		3.23		8.5		3.64		1.05	
9701802	04/21/97	1300	Kenova Fire Station	11.3		1.58		2.25		<1		6.71		11.2		1.66		2.28		5.55		2.68		<1	
9701803	04/21/97	0148	Kenova Fire Station	10.9		1.5		2.29		<1		5.35		11.1		1.78		2.45		6.21		3.14		<1	
9701804	04/21/97	0237	Kenova Fire Station	9.44		1.68		2.17		<1		1.96		5.09		<1		1.11		2.81		1.62		<1	
9701805	04/21/97	0325	Kenova Fire Station	9.47		2.12		2.23		<1		1.86		4.53		<1		<1		2.33		1.35		<1	
9701806	04/21/97	0415	Kenova Fire Station	9.58		<1		2.2		<1		2.14		4.8		<1		1.13		2.88		1.78		<1	
9701807	04/21/97	0505	Kenova Fire Station	11.3		2.36		2.36		<1		4.27		7.11		1.26		1.72		4.24		2.49		<1	
9701808	04/21/97	0555	Kenova Fire Station	10.2		1.18		2.31		<1		1.84		4.18		<1		<1		2.41		1.33		<1	
9701809	04/21/97	0645	Kenova Fire Station	10.8		2.04		2.31		<1		3.09		6.19		1.06		1.44		3.7		2.1		<1	
9701810	04/21/97	0735	Kenova Fire Station	10.3		2.26		2.27		<1		5.05		6.76		1.19		1.6		4.1		2.39		<1	
9701811	04/21/97	0826	Kenova Fire Station	11.2		1.79		2.3		<1		13.2		15.8		3.35		4.29		10.3		5.56		1.6	
9701812	04/21/97	0917	Kenova Fire Station	9.34		1.66		2.3		<1		12.6		16.5		3.2		2.98		9.34		3.17		<1	
9701813	04/21/97	1006	Kenova Fire Station	9		1.69		2.05		<1		1.45		1.51		<1		<1		1.07		<1		<1	
9701896	04/21/97	1747	Kenova Fire Station	8.96		1.92		2.18		<1		1.3		1.84		<1		<1		1.22		<1		<1	
9701897	04/21/97	1843	Kenova Fire Station	9.13		1.93		2.18		<1		1.21		2.09		<1		<1		1.57		<1		<1	
9701898	04/21/97	2319	Kenova Fire Station	8.83		1.81		2.13		<1		1.65		2		<1		<1		1.47		<1		<1	
9701899	04/22/97	0008	Kenova Fire Station	10.4		2.08		2.28		<1		1.84		3.58		<1		<1		2.03		1.17		<1	
9701900	04/22/97	0053	Kenova Fire Station	9.77		1.29		<1		<1		69.8	J	69.8	J	7.84		8.08		23.2		3.79		2.03	
9701901	04/22/97	0439	Kenova Fire Station	10		1.41		<1		<1		58.4	J	57.6	J	6.72		7.09		19.5		3.58		2.66	
9701902	04/22/97	0225	Kenova Fire Station	11		1.62		2.42		<1		12.8		18.3		7.97		5.45		21		2.34		1.32	
9701903	04/22/97	0311	Kenova Fire Station	9.86		1.73		2.29		<1		4.92		7.87		2.65		2.17		7.45		1.57		<1	
9701904	04/22/97	0356	Kenova Fire Station	9.82		2.31		2.28		<1		24.7		31.5		8.77		6.63		24.1		2.94		1.36	
9701905	04/22/97	0442	Kenova Fire Station	10		1.85		2.33		<1		18.6		16.9		9.52		5.86		24.1		2.63		1.11	
9701906	04/22/97	0528	Kenova Fire Station	9.06		1.73		2.2		<1		27.6		27.5		5.49		4.71		14.8		2.77		1.92	
9701907	04/22/97	0615	Kenova Fire Station	9.95		1.75		2.21		<1		29.4		32.8		5.72		5.59		16.5		3.77		2.54	
9701908	04/22/97	0701	Kenova Fire Station	9.9		1.24		2.33		<1		52.2	J	47.4		7.29		7.2		21.6		4.64		3.22	
9701909	04/22/97	0747	Kenova Fire Station	10.5		1.6		2.27		<1		30.9		29.3		5.77		5.41		17.2		3.88		1.84	
9701910	04/23/97	1134	Kenova Fire Station	9.78		1.95		2.22		<1		3.53		3.16		<1		<1		1.45		<1		<1	
9701911	04/23/97	1225	Kenova Fire Station	9.63		1.73		2.15		<1		1.69		2.13		<1		<1		1.21		<1		<1	
9701912	04/23/97	1311	Kenova Fire Station	9.31		1.98		2.24		<1		1.99		2.84		1.32		<1		<1		<1		<1	
9701913	04/23/97	1357	Kenova Fire Station	9.64		1.92		2.12		<1		1.9		2.22		<1		<1		1.15		<1		<1	
9701914	04/23/97	1443	Kenova Fire Station	9.39		2.03		2.19		<1		1.43		2.06		<1		<1		1.09		<1		<1	
9701915	04/23/97	1942	Kenova Fire Station	8.55		1.51		2.03		<1		<1		1.07		<1		<1		<1		<1		<1	
9701916	04/23/97	2043	Kenova Fire Station	5.53		<1		1.35		<1		<1		<1		<1		<1		<1		<1		<1	
9701917	04/23/97	2129	Kenova Fire Station	5.96		<1		1.15		<1		<1		<1		<1		<1		<1		<1		<1	
9701918	04/23/97	2216	Kenova Fire Station	5.1		<1		1.06		<1		<1		<1		<1		<1		<1		<1		<1	
9701919	04/23/97	2302	Kenova Fire Station	5.28		<1		1.05		<1		<1		<1		<1		<1		<1		<1		<1	
9701920	04/23/97	2348	Kenova Fire Station	5.54		<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701921	04/24/97	0035	Kenova Fire Station	5.83		<1		1.08		<1		<1		<1		<1		<1		<1		<1		<1	
9701922	04/24/97	0121	Kenova Fire Station	5.38		<1		1.05		<1		<1		<1		<1		<1		<1		<1		<1	
9701923	04/24/97	0208	Kenova Fire Station	5.45		<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701924	04/24/97	0254	Kenova Fire Station	5.32		<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1	
9701925	04/24/97	0340	Kenova Fire Station	5.71		<1		1.05		<1		<1		<1		<1		<1		<1		<1		<1	
9701926	04/24/97	0427	Kenova Fire Station	5.88		<1		1.02		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701800	04/20/97	1943	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701801	04/20/97	2357	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701802	04/21/97	1300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701803	04/21/97	0148	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701804	04/21/97	0237	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701805	04/21/97	0325	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701806	04/21/97	0415	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701807	04/21/97	0505	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701808	04/21/97	0555	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701809	04/21/97	0645	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701810	04/21/97	0735	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701811	04/21/97	0826	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701812	04/21/97	0917	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701813	04/21/97	1006	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701896	04/21/97	1747	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701897	04/21/97	1843	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701898	04/21/97	2319	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701899	04/22/97	0008	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701900	04/22/97	0053	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701901	04/22/97	0439	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701902	04/22/97	0225	Kenova Fire Station	<1		<1		5.33		<1		<1		<1		<1		<1		<1		<1		<1	
9701903	04/22/97	0311	Kenova Fire Station	<1		<1		2.47		<1		<1		<1		<1		<1		<1		<1		<1	
9701904	04/22/97	0356	Kenova Fire Station	<1		<1		24.8		<1		<1		<1		<1		<1		<1		<1		<1	
9701905	04/22/97	0442	Kenova Fire Station	<1		<1		35.8		<1		<1		<1		<1		<1		<1		<1		<1	
9701906	04/22/97	0528	Kenova Fire Station	<1		<1		10.3		<1		<1		<1		<1		<1		<1		<1		<1	
9701907	04/22/97	0615	Kenova Fire Station	<1		<1		10.6		<1		<1		<1		<1		<1		<1		<1		<1	
9701908	04/22/97	0701	Kenova Fire Station	<1		<1		23		<1		<1		<1		<1		<1		<1		<1		<1	
9701909	04/22/97	0747	Kenova Fire Station	<1		<1		24.1		<1		<1		<1		<1		<1		<1		<1		<1	
9701910	04/23/97	1134	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701911	04/23/97	1225	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701912	04/23/97	1311	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701913	04/23/97	1357	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701914	04/23/97	1443	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701915	04/23/97	1942	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701916	04/23/97	2043	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701917	04/23/97	2129	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701918	04/23/97	2216	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701919	04/23/97	2302	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701920	04/23/97	2348	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701921	04/24/97	0035	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701922	04/24/97	0121	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701923	04/24/97	0208	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701924	04/24/97	0254	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701925	04/24/97	0340	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701926	04/24/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701800	04/20/97	1943	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701801	04/20/97	2357	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701802	04/21/97	1300	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701803	04/21/97	0148	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701804	04/21/97	0237	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701805	04/21/97	0325	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701806	04/21/97	0415	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701807	04/21/97	0505	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701808	04/21/97	0555	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701809	04/21/97	0645	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701810	04/21/97	0735	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701811	04/21/97	0826	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701812	04/21/97	0917	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701813	04/21/97	1006	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701896	04/21/97	1747	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701897	04/21/97	1843	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701898	04/21/97	2319	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701899	04/22/97	0008	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701900	04/22/97	0053	Kenova Fire Station	3.24		<1		<1		<1		<1		<1		<1		<1		<1
9701901	04/22/97	0439	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701902	04/22/97	0225	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701903	04/22/97	0311	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701904	04/22/97	0356	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701905	04/22/97	0442	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701906	04/22/97	0528	Kenova Fire Station	2.68		<1		<1		<1		<1		<1		<1		<1		<1
9701907	04/22/97	0615	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701908	04/22/97	0701	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701909	04/22/97	0747	Kenova Fire Station	3.32		<1		<1		<1		<1		<1		<1		<1		<1
9701910	04/23/97	1134	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701911	04/23/97	1225	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701912	04/23/97	1311	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701913	04/23/97	1357	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701914	04/23/97	1443	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701915	04/23/97	1942	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701916	04/23/97	2043	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701917	04/23/97	2129	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701918	04/23/97	2216	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701919	04/23/97	2302	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701920	04/23/97	2348	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701921	04/24/97	0035	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701922	04/24/97	0121	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701923	04/24/97	0208	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701924	04/24/97	0254	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701925	04/24/97	0340	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701926	04/24/97	0427	Kenova Fire Station	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
			Min	**3.73**		**1**		**1.02**		**1**		**1**		**1.01**		**1**		**1.03**	**0**	**1**	**0**	**1.01**	**0**	**1**	**0**
			MAX	**38.9**		**10.3**		**3.9**		**2.38**		**69.8**		**69.8**		**13.1**		**19.2**	**0**	**49**	**0**	**19**	**0**	**5.57**	**0**
			Count	**521**		**501**		**490**		**170**		**264**		**380**		**206**		**215**	**0**	**315**	**0**	**232**	**0**	**109**	**0**
9700748	03/12/97	2112	Kenova Water Plant	9.42		1.06		1.68		<1		1.35		1.29		<1		<1		1.04		<1		<1	
9700749	03/12/97	2209	Kenova Water Plant	9.65		1.04		1.8		<1		1.37		1.24		<1		<1		<1		<1		<1	
9700750	03/12/97	2307	Kenova Water Plant	9.24		1.14		1.72		<1		1.71		1.41		<1		<1		<1		<1		<1	
9700751	03/13/97	0004	Kenova Water Plant	9.45		1		1.69		<1		1.53		1.74		<1		<1		1.24		<1		<1	
9700752	03/13/97	0102	Kenova Water Plant	9.46		1.12		1.69		<1		1.06		1.08		<1		<1		<1		<1		<1	
9700753	03/13/97	0159	Kenova Water Plant	9.58		1.02		1.69		<1		1.12		1.26		<1		<1		<1		<1		<1	
9700754	03/13/97	0257	Kenova Water Plant	10.1		1.17		1.75		<1		1.15		1.16		<1		<1		<1		<1		<1	
9700755	03/13/97	0354	Kenova Water Plant	9.75		1.24		<1		<1		1		1.13		<1		<1		<1		<1		<1	
9700756	03/13/97	0451	Kenova Water Plant	9.16		1.06		1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9700757	03/13/97	0549	Kenova Water Plant	9.73		1.18		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700758	03/13/97	0646	Kenova Water Plant	9.73		1.22		1.71		<1		1.08		<1		<1		<1		<1		<1		<1	
9700760	03/14/97	0828	Kenova Water Plant	9.37		1.22		1.76		<1		1.47		1.22		<1		<1		1.04		<1		<1	
9700761	03/14/97	0950	Kenova Water Plant	9.79		1.3		1.73		<1		1.04		<1		<1		<1		<1		<1		<1	
9700779	03/14/97	1057	Kenova Water Plant	9.33		1.25		1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9700780	03/14/97	1155	Kenova Water Plant	9.7		1.35		1.78		<1		<1		1.15		<1		<1		<1		<1		<1	
9700781	03/14/97	1656	Kenova Water Plant	9.53		1.27	J	1.87		<1		<1		1.78		<1		<1		1.09		<1		<1	
9700782	03/14/97	1756	Kenova Water Plant	9.75		1.15	J	1.89		<1		<1		1.21		<1		<1		<1		<1		<1	
9700783	03/14/97	1855	Kenova Water Plant	9.22		1.15	J	1.7		<1		<1		<1		<1		<1		<1		<1		<1	
9700784	03/14/97	1955	Kenova Water Plant	9.72		1.1	J	1.8		<1		<1		1.11		<1		<1		<1		<1		<1	
9700785	03/14/97	2054	Kenova Water Plant	9.63		1.04	J	1.76		<1		<1		<1		<1		<1		<1		<1		<1	
9700786	03/14/97	2152	Kenova Water Plant	9.28		1.03	J	1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9700787	03/14/97	2249	Kenova Water Plant	9.53		1.03	J	1.64		<1		<1		<1		<1		<1		<1		<1		<1	
9700788	03/14/97	2348	Kenova Water Plant	9.55		<1		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9700789	03/15/97	0048	Kenova Water Plant	9.25		<1		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9700790	03/15/97	0146	Kenova Water Plant	9.34		<1		1.73		<1		<1		<1		<1		<1		<1		<1		<1	
9700791	03/15/97	1444	Kenova Water Plant	9.78		<1		1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9700792	03/15/97	0343	Kenova Water Plant	9.32		<1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9700793	03/15/97	0442	Kenova Water Plant	9.65		<1		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9700794	03/15/97	0540	Kenova Water Plant	9.44		<1		1.7		<1		<1		<1		<1		<1		<1		<1		<1	
9700795	03/15/97	1618	Kenova Water Plant	8.26		1.33	J	1.54		<1		<1		2.49		<1		<1		<1		<1		<1	
9700796	03/15/97	1725	Kenova Water Plant	9		<1		1.76		<1		<1		1.06		<1		<1		<1		<1		<1	
9700797	03/16/97	1505	Kenova Water Plant	9.36	Q	1.06	Q	1.65	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9700798	03/16/97	1606	Kenova Water Plant	9.54	Q	1.1	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700799	03/16/97	1701	Kenova Water Plant	9.46	Q	1.16	Q	1.77	Q	<1		<1		1.04	Q	<1		<1		<1		<1		<1	
9700800	03/16/97	1701	Kenova Water Plant	9.22	Q	1	Q	1.66	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9700801	03/16/97	1851	Kenova Water Plant	9.14	Q	1.06	Q	1.57	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9700802	03/16/97	1946	Kenova Water Plant	9.13	Q	<1		1.71	Q	<1		1.15	QL	<1		<1		<1		<1		<1		<1	
9700803	03/16/97	2010	Kenova Water Plant	8.83	Q	<1		1.66	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9700804	03/16/97	2136	Kenova Water Plant	9.36	Q	<1		1.79	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9700805	03/16/97	2232	Kenova Water Plant	9.04	Q	<1		1.65	Q	<1		1.25	QL	1.08	QL	<1		<1		<1		<1		<1	
9700806	03/16/97	2329	Kenova Water Plant	8.7	Q	<1		1.69	Q	<1		1.04	QL	<1		<1		<1		<1		<1		<1	
9700807	03/17/97	0026	Kenova Water Plant	8.99	Q	<1		1.7	Q	<1		1.14	QL	<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
			Min	**1.02**	**0**	**1.04**	**0**	**1**	**0**	**1.11**	**0**	**1.06**	**0**	**1.01**	**0**	**1.01**	**0**	**1.06**	**0**	**1.43**	**0**	**1.01**	**0**	**1.17**	**0**
			MAX	**6.08**	**0**	**19.1**	**0**	**35.8**	**0**	**2.72**	**0**	**4.95**	**0**	**9.89**	**0**	**1.54**	**0**	**1.93**	**0**	**4.75**	**0**	**5.55**	**0**	**1.25**	**0**
			Count	**19**	**0**	**133**	**0**	**67**	**0**	**11**	**0**	**10**	**0**	**73**	**0**	**10**	**0**	**5**	**0**	**6**	**0**	**16**	**0**	**2**	**0**
9700748	03/12/97	2112	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700749	03/12/97	2209	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700750	03/12/97	2307	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700751	03/13/97	0004	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700752	03/13/97	0102	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700753	03/13/97	0159	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700754	03/13/97	0257	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700755	03/13/97	0354	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700756	03/13/97	0451	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700757	03/13/97	0549	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700758	03/13/97	0646	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700760	03/14/97	0828	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700761	03/14/97	0950	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700779	03/14/97	1057	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700780	03/14/97	1155	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700781	03/14/97	1656	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700782	03/14/97	1756	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700783	03/14/97	1855	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700784	03/14/97	1955	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700785	03/14/97	2054	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700786	03/14/97	2152	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700787	03/14/97	2249	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700788	03/14/97	2348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700789	03/15/97	0048	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700790	03/15/97	0146	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700791	03/15/97	1444	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700792	03/15/97	0343	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700793	03/15/97	0442	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700794	03/15/97	0540	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700795	03/15/97	1618	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700796	03/15/97	1725	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700797	03/16/97	1505	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700798	03/16/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700799	03/16/97	1701	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700800	03/16/97	1701	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700801	03/16/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700802	03/16/97	1946	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700803	03/16/97	2010	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700804	03/16/97	2136	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700805	03/16/97	2232	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700806	03/16/97	2329	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700807	03/17/97	0026	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
			Min	**1.28**	**0**	**0**	**0**	**1.36**	**0**	**3.15**	**0**	**1.15**		**1.06**		**4.92**		**0**		**0**
			MAX	**13.1**	**0**	**0**	**0**	**1.36**	**0**	**3.15**	**0**	**1.15**		**1.06**		**4.92**		**0**		**0**
			Count	**25**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**1**		**1**		**1**		**0**		**0**
9700748	03/12/97	2112	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700749	03/12/97	2209	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700750	03/12/97	2307	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700751	03/13/97	0004	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700752	03/13/97	0102	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700753	03/13/97	0159	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700754	03/13/97	0257	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700755	03/13/97	0354	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700756	03/13/97	0451	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700757	03/13/97	0549	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700758	03/13/97	0646	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700760	03/14/97	0828	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700761	03/14/97	0950	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700779	03/14/97	1057	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700780	03/14/97	1155	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700781	03/14/97	1656	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700782	03/14/97	1756	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700783	03/14/97	1855	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700784	03/14/97	1955	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700785	03/14/97	2054	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700786	03/14/97	2152	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700787	03/14/97	2249	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700788	03/14/97	2348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700789	03/15/97	0048	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700790	03/15/97	0146	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700791	03/15/97	1444	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700792	03/15/97	0343	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700793	03/15/97	0442	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700794	03/15/97	0540	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700795	03/15/97	1618	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700796	03/15/97	1725	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700797	03/16/97	1505	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700798	03/16/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700799	03/16/97	1701	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700800	03/16/97	1701	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700801	03/16/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700802	03/16/97	1946	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700803	03/16/97	2010	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700804	03/16/97	2136	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700805	03/16/97	2232	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700806	03/16/97	2329	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700807	03/17/97	0026	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA

(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9700808	03/17/97	1301	Kenova Water Plant	12.5		1.47		2.43		<1		<1		<1		<1		<1		<1		<1		<1	
9700809	03/17/97	1355	Kenova Water Plant	12.3		1.37		2.38		<1		<1		<1		<1		<1		<1		<1		<1	
9700810	03/17/97	1448	Kenova Water Plant	12.4		1.12		2.42		<1		<1		<1		<1		<1		<1		<1		<1	
9700811	03/17/97	1542	Kenova Water Plant	12.1		1.49		2.32		<1		<1		<1		<1		<1		<1		<1		<1	
9700812	03/17/97	1636	Kenova Water Plant	12.5		1.49		2.5		<1		<1		<1		<1		<1		<1		<1		<1	
9700813	03/17/97	1732	Kenova Water Plant	9.21		1.16		1.66		<1		<1		<1		<1		<1		<1		<1		<1	
9700814	03/17/97	1832	Kenova Water Plant	9.02		1.11		1.61		<1		<1		<1		<1		<1		<1		<1		<1	
9700815	03/17/97	1932	Kenova Water Plant	9.11		1.08		1.7		<1		<1		<1		<1		<1		<1		<1		<1	
9700816	03/17/97	2032	Kenova Water Plant	9.12		1.07		1.73		<1		<1		<1		<1		<1		<1		<1		<1	
9700817	03/17/97	2131	Kenova Water Plant	9.27		1.09		1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9700818	03/17/97	2231	Kenova Water Plant	9.47		1.02		1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9700819	03/17/97	2329	Kenova Water Plant	9.33		<1		1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9700879	03/18/97	1644	Kenova Water Plant	10		1.22		1.79		<1		1		1.67		<1		<1		1.31		<1		<1	
9700880	03/18/97	1742	Kenova Water Plant	9.94		1.23		1.86		<1		1.05		1.57		<1		<1		1.35		<1		<1	
9700881	03/18/97	1841	Kenova Water Plant	9.28		1.19		1.73		<1		<1		1.01		<1		<1		<1		<1		<1	
9700882	03/18/97	1939	Kenova Water Plant	8.86		<1		1.63		<1		<1		<1		<1		<1		<1		<1		<1	
9700883	03/18/97	2038	Kenova Water Plant	9.72		1.14		1.84		<1		<1		<1		<1		<1		<1		<1		<1	
9700884	03/18/97	2137	Kenova Water Plant	10.1		1.2		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9700885	03/18/97	2236	Kenova Water Plant	9.29		1.15		1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9700886	03/18/97	2334	Kenova Water Plant	9.6		1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700887	03/19/97	1227	Kenova Water Plant	9.6		<1		1.71		<1		1.57		1.24		<1		<1		<1		<1		<1	
9700888	03/19/97	1617	Kenova Water Plant	8.96		<1		1.64		<1		1.73		3.53		<1		<1		1.04		<1		<1	
9700889	03/19/97	1740	Kenova Water Plant	8.99		<1		1.58		<1		1.87		3.51		<1		<1		<1		<1		<1	
9700890	03/19/97	1846	Kenova Water Plant	10.4		<1		1.83		<1		2.28		2.98		<1		<1		1		<1		<1	
9700891	03/19/97	1939	Kenova Water Plant	10.1		1.38		1.78		<1		1.86		2.25		<1		<1		<1		<1		<1	
9700892	03/20/97	1755	Kenova Water Plant	9.69		<1		1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9700893	03/20/97	1851	Kenova Water Plant	9.83		1.08		1.69		<1		<1		1.02		<1		<1		<1		<1		<1	
9700894	03/20/97	1950	Kenova Water Plant	9.56		1.17		1.7		<1		1.27		1.64		<1		<1		1.04		<1		<1	
9700895	03/20/97	2049	Kenova Water Plant	9.89		1.08		1.77		<1		1.32		2.05		<1		<1		1.37		<1		<1	
9700896	03/21/97	1449	Kenova Water Plant	10.2		<1		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9700897	03/21/97	1606	Kenova Water Plant	10		1		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9700929	03/21/97	1719	Kenova Water Plant	10.4		<1		1.66		<1		<1		<1		<1		<1		<1		<1		<1	
9700930	03/21/97	1824	Kenova Water Plant	10.2		1.13		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9700931	03/21/97	1922	Kenova Water Plant	10.9		1.15		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9700932	03/21/97	2021	Kenova Water Plant	9.9		1.07		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9700933	03/21/97	2120	Kenova Water Plant	10.5		1.04		1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9700934	03/21/97	2219	Kenova Water Plant	2.18		2.68		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700935	03/21/97	2317	Kenova Water Plant	10.3		<1		1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9700936	03/22/97	0017	Kenova Water Plant	10.2		<1		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9700937	03/22/97	0116	Kenova Water Plant	10.1		<1		1.7		<1		<1		<1		<1		<1		<1		<1		<1	
9700938	03/22/97	0215	Kenova Water Plant	9.73		<1		1.67		<1		<1		<1		<1		<1		<1		<1		<1	
9700939	03/22/97	0314	Kenova Water Plant	10.3		<1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9700940	03/22/97	1316	Kenova Water Plant	10.8		<1		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9700941	03/22/97	1411	Kenova Water Plant	10.6		1.08		1.92		<1		<1		<1		<1		<1		<1		<1		<1	
9700942	03/22/97	1509	Kenova Water Plant	10.2		1.19		1.89		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9700808	03/17/97	1301	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700809	03/17/97	1355	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700810	03/17/97	1448	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700811	03/17/97	1542	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700812	03/17/97	1636	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700813	03/17/97	1732	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700814	03/17/97	1832	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700815	03/17/97	1932	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700816	03/17/97	2032	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700817	03/17/97	2131	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700818	03/17/97	2231	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700819	03/17/97	2329	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700879	03/18/97	1644	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700880	03/18/97	1742	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700881	03/18/97	1841	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700882	03/18/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700883	03/18/97	2038	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700884	03/18/97	2137	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700885	03/18/97	2236	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700886	03/18/97	2334	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700887	03/19/97	1227	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700888	03/19/97	1617	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700889	03/19/97	1740	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700890	03/19/97	1846	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700891	03/19/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700892	03/20/97	1755	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700893	03/20/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700894	03/20/97	1950	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700895	03/20/97	2049	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700896	03/21/97	1449	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700897	03/21/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700929	03/21/97	1719	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700930	03/21/97	1824	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700931	03/21/97	1922	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700932	03/21/97	2021	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700933	03/21/97	2120	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700934	03/21/97	2219	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700935	03/21/97	2317	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700936	03/22/97	0017	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700937	03/22/97	0116	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700938	03/22/97	0215	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700939	03/22/97	0314	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700940	03/22/97	1316	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700941	03/22/97	1411	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700942	03/22/97	1509	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9700808	03/17/97	1301	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700809	03/17/97	1355	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700810	03/17/97	1448	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700811	03/17/97	1542	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700812	03/17/97	1636	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700813	03/17/97	1732	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700814	03/17/97	1832	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700815	03/17/97	1932	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700816	03/17/97	2032	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700817	03/17/97	2131	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700818	03/17/97	2231	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700819	03/17/97	2329	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700879	03/18/97	1644	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700880	03/18/97	1742	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700881	03/18/97	1841	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700882	03/18/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700883	03/18/97	2038	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700884	03/18/97	2137	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700885	03/18/97	2236	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700886	03/18/97	2334	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700887	03/19/97	1227	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700888	03/19/97	1617	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700889	03/19/97	1740	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700890	03/19/97	1846	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700891	03/19/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700892	03/20/97	1755	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700893	03/20/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700894	03/20/97	1950	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700895	03/20/97	2049	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700896	03/21/97	1449	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700897	03/21/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700929	03/21/97	1719	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700930	03/21/97	1824	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700931	03/21/97	1922	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700932	03/21/97	2021	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700933	03/21/97	2120	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700934	03/21/97	2219	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700935	03/21/97	2317	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700936	03/22/97	0017	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700937	03/22/97	0116	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700938	03/22/97	0215	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700939	03/22/97	0314	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700940	03/22/97	1316	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700941	03/22/97	1411	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700942	03/22/97	1509	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichiflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9700943	03/22/97	1914	Kenova Water Plant	9.98		1.21		1.79		<1		1.05		1.03		<1		<1		<1		<1		<1	
9700944	03/22/97	1919	Kenova Water Plant	10.4		1.21		1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9700945	03/22/97	2015	Kenova Water Plant	10.7		1.27		1.98		<1		<1		<1		<1		<1		<1		<1		<1	
9700946	03/22/97	2113	Kenova Water Plant	<1		<1		<1		<1		1.13		<1		<1		<1		<1		<1		<1	
9700947	03/22/97	2210	Kenova Water Plant	10.6		<1		1.84		<1		1.75		1.07		<1		<1		<1		<1		<1	
9700948	03/22/97	2313	Kenova Water Plant	10.7		1.05		2.04		<1		2.83		<1		<1		<1		<1		<1		<1	
9700949	03/23/97	2348	Kenova Water Plant	9.61		1.34		1.69		<1		1.71		1.88		<1		<1		<1		<1		<1	
9700950	03/24/97	0053	Kenova Water Plant	9.87		1.02		1.72		<1		<1		1.08		<1		<1		<1		<1		<1	
9700951	03/24/97	0151	Kenova Water Plant	9.76		1.03		1.7		<1		1.1		1.01		<1		<1		<1		<1		<1	
9700952	03/24/97	0250	Kenova Water Plant	9.93		<1		1.65		<1		<1		<1		<1		<1		<1		<1		<1	
9700953	03/24/97	0348	Kenova Water Plant	10.1		<1		1.81		<1		<1		<1		<1		<1		<1		<1		<1	
9700954	03/24/97	0446	Kenova Water Plant	11.1		<1		1.92		<1		<1		<1		<1		<1		<1		<1		<1	
9700955	03/24/97	1257	Kenova Water Plant	9.79		<1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9700956	03/24/97	1404	Kenova Water Plant	8.59		1.01		1.68		<1		<1		<1		<1		<1		<1		<1		<1	
9700957	03/24/97	1503	Kenova Water Plant	10.6		1.14		1.61		<1		<1		<1		<1		<1		<1		<1		<1	
9700958	03/24/97	1601	Kenova Water Plant	10.5		1.04		1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9700959	03/24/97	1657	Kenova Water Plant	10.1		1.08		1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9700960	03/24/97	1753	Kenova Water Plant	10.2		1.13		1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9700961	03/24/97	1903	Kenova Water Plant	10.8		1.49		1.76		<1		1.89		3.38		<1		<1		2.13		<1		<1	
9700962	03/24/97	2009	Kenova Water Plant	11.2		1.31		1.9		<1		1.47		2.03		<1		<1		1.47		<1		<1	
9700963	03/24/97	2107	Kenova Water Plant	10.5		1.03		1.8		<1		1.27		1.76		<1		<1		1.12		<1		<1	
9700964	03/24/97	2205	Kenova Water Plant	11.2		1.1		1.89		<1		1.43		1.88		<1		<1		1.33		<1		<1	
9700965	03/24/97	2303	Kenova Water Plant	10.7		1.04		1.85		<1		1.3		1.51		<1		<1		<1		<1		<1	
9700966	03/24/97	0001	Kenova Water Plant	11.2		1.06		1.9		<1		1.45		2.08		<1		<1		1.57		<1		<1	
9700967	03/24/97	0058	Kenova Water Plant	10.7		<1		1.88		<1		1.21		1.72		<1		<1		1.24		<1		<1	
9700968	03/25/97	0156	Kenova Water Plant	11.3		1.02		<1		<1		1.2		1.79		<1		<1		1.28		<1		<1	
9700969	03/25/97	0253	Kenova Water Plant	11.1		<1		2.01		<1		1.13		1.55		<1		<1		<1		<1		<1	
9700970	03/25/97	0352	Kenova Water Plant	11		<1		1.93		<1		1.06		1.55		<1		<1		1.02		<1		<1	
9700971	03/25/97	0449	Kenova Water Plant	10.8		<1		1.96		<1		1.07		1.61		<1		<1		<1		<1		<1	
9700972	03/25/97	0548	Kenova Water Plant	11.4		<1		1.87		<1		1.17		1.53		<1		<1		<1		<1		<1	
9700973	03/25/97	0645	Kenova Water Plant	10.9		<1		1.92		<1		1.67		2.1		<1		<1		1.62		<1		<1	
9701043	03/25/97	1330	Kenova Water Plant	9.45		<1		2.11		<1		<1		2.59		<1		<1		1.54		<1		<1	
9701044	03/25/97	1423	Kenova Water Plant	10.6		<1		2		<1		<1		1.5		<1		<1		<1		<1		<1	
9701045	03/25/97	1522	Kenova Water Plant	11.9		1.06		2.32		<1		<1		1.28		<1		<1		<1		<1		<1	
9701046	03/26/97	1654	Kenova Water Plant	10.1		<1		1.73		<1		<1		<1		<1		<1		<1		<1		<1	
9701047	03/26/97	1755	Kenova Water Plant	10.2		1.02		1.64		<1		<1		<1		<1		<1		<1		<1		<1	
9701048	03/26/97	1851	Kenova Water Plant	9.99		1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9701049	03/26/97	1947	Kenova Water Plant	10.4		<1		1.75		<1		<1		<1		<1		<1		<1		<1		<1	
9701050	03/26/97	2044	Kenova Water Plant	10.7		<1		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9701051	03/26/97	2140	Kenova Water Plant	10.5		<1		1.85		<1		<1		<1		<1		<1		<1		<1		<1	
9701052	03/26/97	2236	Kenova Water Plant	10.3		<1		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9701053	03/26/97	2333	Kenova Water Plant	10.7		<1		1.83		<1		<1		1.08		<1		<1		<1		<1		<1	
9701054	03/27/97	0029	Kenova Water Plant	9.3		<1		1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9701055	03/27/97	0126	Kenova Water Plant	10		<1		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9701180	03/27/97	1229	Kenova Water Plant	9.99		<1		1.72		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9700943	03/22/97	1914	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700944	03/22/97	1919	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700945	03/22/97	2015	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700946	03/22/97	2113	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700947	03/22/97	2210	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700948	03/22/97	2313	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700949	03/23/97	2348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700950	03/24/97	0053	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700951	03/24/97	0151	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700952	03/24/97	0250	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700953	03/24/97	0348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700954	03/24/97	0446	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700955	03/24/97	1257	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700956	03/24/97	1404	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700957	03/24/97	1503	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700958	03/24/97	1601	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700959	03/24/97	1657	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700960	03/24/97	1753	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700961	03/24/97	1903	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700962	03/24/97	2009	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700963	03/24/97	2107	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700964	03/24/97	2205	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700965	03/24/97	2303	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700966	03/24/97	0001	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700967	03/24/97	0058	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700968	03/25/97	0156	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700969	03/25/97	0253	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700970	03/25/97	0352	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700971	03/25/97	0449	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700972	03/25/97	0548	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9700973	03/25/97	0645	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701043	03/25/97	1330	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1.38		<1		<1		<1		<1	
9701044	03/25/97	1423	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1		<1		<1		<1		<1	
9701045	03/25/97	1522	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1.02		<1		<1		<1		<1	
9701046	03/26/97	1654	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701047	03/26/97	1755	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701048	03/26/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701049	03/26/97	1947	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701050	03/26/97	2044	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701051	03/26/97	2140	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701052	03/26/97	2236	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701053	03/26/97	2333	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701054	03/27/97	0029	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701055	03/27/97	0126	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701180	03/27/97	1229	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9700943	03/22/97	1914	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700944	03/22/97	1919	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700945	03/22/97	2015	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700946	03/22/97	2113	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700947	03/22/97	2210	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700948	03/22/97	2313	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700949	03/23/97	2348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700950	03/24/97	0053	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700951	03/24/97	0151	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700952	03/24/97	0250	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700953	03/24/97	0348	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700954	03/24/97	0446	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700955	03/24/97	1257	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700956	03/24/97	1404	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700957	03/24/97	1503	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700958	03/24/97	1601	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700959	03/24/97	1657	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700960	03/24/97	1753	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700961	03/24/97	1903	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700962	03/24/97	2009	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700963	03/24/97	2107	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700964	03/24/97	2205	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700965	03/24/97	2303	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700966	03/24/97	0001	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700967	03/24/97	0058	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700968	03/25/97	0156	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700969	03/25/97	0253	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700970	03/25/97	0352	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700971	03/25/97	0449	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700972	03/25/97	0548	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9700973	03/25/97	0645	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701043	03/25/97	1330	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701044	03/25/97	1423	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701045	03/25/97	1522	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701046	03/26/97	1654	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701047	03/26/97	1755	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701048	03/26/97	1851	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701049	03/26/97	1947	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701050	03/26/97	2044	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701051	03/26/97	2140	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701052	03/26/97	2236	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701053	03/26/97	2333	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701054	03/27/97	0029	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701055	03/27/97	0126	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701180	03/27/97	1229	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701181	03/27/97	1340	Kenova Water Plant	10		<1		1.68		<1		<1		<1		<1		<1		<1		<1		<1	
9701182	03/27/97	1444	Kenova Water Plant	9.82		<1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9701183	03/27/97	1554	Kenova Water Plant	9.95		<1		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9701184	03/27/97	1651	Kenova Water Plant	11.4		<1		1.89		<1		<1		<1		<1		<1		<1		<1		<1	
9701185	03/28/97	0754	Kenova Water Plant	11		<1		1.78		<1		2.01		1.55		<1		<1		1.06		<1		<1	
9701186	03/28/97	0900	Kenova Water Plant	11.9		<1		1.88		<1		1.95		2.6		<1		<1		1.91		<1		<1	
9701187	03/28/97	0956	Kenova Water Plant	10.5		<1		1.91		<1		1.28		1.38		<1		<1		<1		<1		<1	
9701188	03/28/97	1053	Kenova Water Plant	10.3		<1		1.94		<1		<1		<1		<1		<1		<1		<1		<1	
9701189	03/28/97	1148	Kenova Water Plant	9.98		<1		1.94		<1		<1		1.77		<1		<1		<1		<1		<1	
9701190	03/28/97	1245	Kenova Water Plant	10.1		<1		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9701191	03/28/97	2224	Kenova Water Plant	11.3		<1		2.41		<1		<1		<1		<1		<1		<1		<1		<1	
9701192	03/28/97	2324	Kenova Water Plant	11.6		<1		2.34		<1		<1		<1		<1		<1		<1		<1		<1	
9701193	03/29/97	0018	Kenova Water Plant	12.8		<1		2.64		<1		<1		1.56		<1		<1		<1		<1		<1	
9701194	03/29/97	0111	Kenova Water Plant	13.7		<1		2.69		<1		<1		<1		<1		<1		<1		<1		<1	
9701195	03/29/97	0822	Kenova Water Plant	11		<1		2.28		<1		<1		<1		<1		<1		<1		<1		<1	
9701196	03/29/97	0916	Kenova Water Plant	11.8		<1		2.38		<1		<1		<1		<1		<1		<1		<1		<1	
9701197	03/29/97	1606	Kenova Water Plant	11.2		<1		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9701198	03/29/97	1706	Kenova Water Plant	11		<1		1.92		<1		<1		<1		<1		<1		<1		<1		<1	
9701199	03/29/97	1801	Kenova Water Plant	10.4		<1		2.02		<1		<1		<1		<1		<1		<1		<1		<1	
9701200	03/29/97	1855	Kenova Water Plant	11.1		<1		2.23		<1		<1		<1		<1		<1		<1		<1		<1	
9701201	03/29/97	2027	Kenova Water Plant	12.5		<1		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9701202	03/29/97	2130	Kenova Water Plant	13.8		<1		2.21		<1		<1		<1		<1		<1		<1		<1		<1	
9701203	03/29/97	2223	Kenova Water Plant	11.5		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701204	03/29/97	2317	Kenova Water Plant	14.5		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701205	03/30/97	0011	Kenova Water Plant	17.3		<1		<1		<1		3.81		1.38		<1		<1		<1		<1		<1	
9701206	03/30/97	0105	Kenova Water Plant	18.2		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701207	03/30/97	0159	Kenova Water Plant	11.6		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701208	03/30/97	0252	Kenova Water Plant	12.8		<1		1.36		<1		<1		1		<1		<1		<1		<1		<1	
9701209	03/30/97	0347	Kenova Water Plant	17		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701210	03/30/97	0440	Kenova Water Plant	13.6		<1		1.41		<1		<1		<1		<1		<1		<1		<1		<1	
9701211	03/30/97	0534	Kenova Water Plant	<1		<1		1.37		<1		<1		<1		<1		<1		<1		<1		<1	
9701212	03/30/97	0628	Kenova Water Plant	14.6		<1		1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9701213	03/30/97	0722	Kenova Water Plant	11.7		<1		1.84		<1		<1		<1		<1		<1		<1		<1		<1	
9701214	03/30/97	1319	Kenova Water Plant	13.2		<1		2.29		<1		<1		<1		<1		<1		<1		<1		<1	
9701215	03/30/97	1401	Kenova Water Plant	14.4		<1		2.43		<1		<1		<1		<1		<1		<1		<1		<1	
9701216	03/30/97	1456	Kenova Water Plant	14		<1		2.54		<1		<1		<1		<1		<1		<1		<1		<1	
9701217	03/30/97	1550	Kenova Water Plant	14.2		<1		2.65		<1		<1		<1		<1		<1		<1		<1		<1	
9701218	03/30/97	1644	Kenova Water Plant	14.1		1		2.85		<1		<1		1.8		<1		<1		1.02		<1		<1	
9701219	03/30/97	1737	Kenova Water Plant	12.5		<1		2.26		<1		<1		1.01		<1		<1		<1		<1		<1	
9701220	03/30/97	1833	Kenova Water Plant	13.1		<1		2.32		<1		<1		<1		<1		<1		<1		<1		<1	
9701221	03/30/97	1927	Kenova Water Plant	12.5		<1		2.19		<1		<1		<1		<1		<1		<1		<1		<1	
9701222	03/30/97	2022	Kenova Water Plant	12.6		<1		2.06		<1		<1		<1		<1		<1		<1		<1		<1	
9701223	03/30/97	2118	Kenova Water Plant	12.5		<1		2.21		<1		<1		<1		<1		<1		<1		<1		<1	
9701224	03/30/97	2212	Kenova Water Plant	13.2		<1		2.28		<1		<1		<1		<1		<1		<1		<1		<1	
9701225	03/30/97	2305	Kenova Water Plant	12.4		<1		2.28		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701181	03/27/97	1340	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701182	03/27/97	1444	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701183	03/27/97	1554	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701184	03/27/97	1651	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701185	03/28/97	0754	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701186	03/28/97	0900	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701187	03/28/97	0956	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701188	03/28/97	1053	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701189	03/28/97	1148	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701190	03/28/97	1245	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701191	03/28/97	2224	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701192	03/28/97	2324	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701193	03/29/97	0018	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701194	03/29/97	0111	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701195	03/29/97	0822	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701196	03/29/97	0916	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701197	03/29/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701198	03/29/97	1706	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701199	03/29/97	1801	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701200	03/29/97	1855	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701201	03/29/97	2027	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701202	03/29/97	2130	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701203	03/29/97	2223	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701204	03/29/97	2317	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701205	03/30/97	0011	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701206	03/30/97	0105	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701207	03/30/97	0159	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701208	03/30/97	0252	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701209	03/30/97	0347	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701210	03/30/97	0440	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701211	03/30/97	0534	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701212	03/30/97	0628	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701213	03/30/97	0722	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701214	03/30/97	1319	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701215	03/30/97	1401	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701216	03/30/97	1456	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701217	03/30/97	1550	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701218	03/30/97	1644	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1.12		<1		<1		<1		<1	
9701219	03/30/97	1737	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701220	03/30/97	1833	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701221	03/30/97	1927	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701222	03/30/97	2022	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701223	03/30/97	2118	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701224	03/30/97	2212	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701225	03/30/97	2305	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701181	03/27/97	1340	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701182	03/27/97	1444	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701183	03/27/97	1554	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701184	03/27/97	1651	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701185	03/28/97	0754	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701186	03/28/97	0900	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701187	03/28/97	0956	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701188	03/28/97	1053	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701189	03/28/97	1148	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701190	03/28/97	1245	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701191	03/28/97	2224	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701192	03/28/97	2324	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701193	03/29/97	0018	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701194	03/29/97	0111	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701195	03/29/97	0822	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701196	03/29/97	0916	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701197	03/29/97	1606	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701198	03/29/97	1706	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701199	03/29/97	1801	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701200	03/29/97	1855	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701201	03/29/97	2027	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701202	03/29/97	2130	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701203	03/29/97	2223	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701204	03/29/97	2317	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701205	03/30/97	0011	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701206	03/30/97	0105	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701207	03/30/97	0159	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701208	03/30/97	0252	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701209	03/30/97	0347	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701210	03/30/97	0440	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701211	03/30/97	0534	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701212	03/30/97	0628	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701213	03/30/97	0722	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701214	03/30/97	1319	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701215	03/30/97	1401	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701216	03/30/97	1456	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701217	03/30/97	1550	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701218	03/30/97	1644	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701219	03/30/97	1737	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701220	03/30/97	1833	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701221	03/30/97	1927	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701222	03/30/97	2022	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701223	03/30/97	2118	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701224	03/30/97	2212	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701225	03/30/97	2305	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9701226	03/31/97	0001	Kenova Water Plant	13.1		<1		2.44		<1		<1		<1		<1		<1		<1		<1		<1	
9701227	03/31/97	0055	Kenova Water Plant	12.7		<1		2.39		<1		<1		<1		<1		<1		<1		<1		<1	
9701228	03/31/97	0150	Kenova Water Plant	12.7		<1		2.41		<1		<1		<1		<1		<1		<1		<1		<1	
9701229	03/31/97	0244	Kenova Water Plant	12.4		<1		2.37		<1		<1		<1		<1		<1		<1		<1		<1	
9701230	03/31/97	0337	Kenova Water Plant	12.7		<1		2.34		<1		<1		<1		<1		<1		<1		<1		<1	
9701231	03/31/97	0431	Kenova Water Plant	13		<1		2.46		<1		<1		<1		<1		<1		<1		<1		<1	
9701232	03/31/97	0525	Kenova Water Plant	12.4		<1		2.33		<1		<1		<1		<1		<1		<1		<1		<1	
9701233	03/31/97	0620	Kenova Water Plant	12.8		<1		2.52		<1		<1		<1		<1		<1		<1		<1		<1	
9701234	03/31/97	1320	Kenova Water Plant	11.3		<1		2.43		<1		<1		<1		<1		<1		<1		<1		<1	
9701235	03/31/97	1415	Kenova Water Plant	12.3		<1		2.8		<1		<1		1.35		<1		<1		<1		<1		<1	
9701236	03/31/97	1509	Kenova Water Plant	13.1		<1		2.81		<1		<1		1.76		<1		<1		1.35		<1		<1	
9701237	03/31/97	1603	Kenova Water Plant	13.4		<1		3.01		<1		1.16		1.97		<1		<1		1.47		<1		<1	
9701238	03/31/97	1657	Kenova Water Plant	11.7		<1		2.72		<1		<1		1.84		<1		<1		1.35		<1		<1	
9701239	03/31/97	1751	Kenova Water Plant	12.6		<1		2.87		<1		<1		1.87		<1		<1		1.42		<1		<1	
9701240	03/31/97	1845	Kenova Water Plant	12.4		<1		2.65		<1		<1		<1		<1		<1		<1		<1		<1	
9701241	03/31/97	1939	Kenova Water Plant	12.8		<1		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9701242	03/31/97	2033	Kenova Water Plant	13.3		<1		2.51		<1		<1		<1		<1		<1		<1		<1		<1	
9701243	03/31/97	2127	Kenova Water Plant	12.8		<1		2.56		<1		<1		<1		<1		<1		<1		<1		<1	
9701244	03/31/97	2221	Kenova Water Plant	12.6		<1		2.47		<1		1.56		<1		<1		<1		<1		<1		<1	
9701245	03/31/97	2315	Kenova Water Plant	11.8		<1		2.36		<1		<1		<1		<1		<1		<1		<1		<1	
9701246	04/01/97	0009	Kenova Water Plant	11.6		<1		2.46		<1		<1		<1		<1		<1		<1		<1		<1	
9701247	04/01/97	0102	Kenova Water Plant	11.9		<1		2.37		<1		<1		<1		<1		<1		<1		<1		<1	
9701248	04/01/97	0156	Kenova Water Plant	11.8		<1		2.45		<1		1.36		<1		<1		<1		<1		<1		<1	
9701249	04/01/97	0250	Kenova Water Plant	11.2		<1		2.28		<1		1.74		1.19		<1		<1		<1		<1		<1	
9701250	04/01/97	0344	Kenova Water Plant	13.4		<1		2.62		<1		<1		<1		<1		<1		<1		<1		<1	
9701251	04/01/97	0438	Kenova Water Plant	11.7		1.03		2.32		<1		<1		<1		<1		<1		<1		<1		<1	
9701252	04/01/97	0532	Kenova Water Plant	11.6		<1		2.36		<1		2.12		2.13		<1		<1		1.6		<1		<1	
			Min	**2.18**		**1**		**1.36**		**0**	**0**	**1**		**1**		**0**		**0**		**1**		**0**		**0**	**0**
			MAX	**18.2**		**2.68**		**3.01**		**0**	**0**	**3.81**		**3.53**		**0**		**0**		**2.13**		**0**		**0**	**0**
			Count	**202**		**82**		**191**		**0**	**0**	**52**		**66**		**0**		**0**		**28**		**0**		**0**	**0**
9702008	04/30/97	2038	Cornfield Site	8.8		1.88		2.17		<1		<1		<1		<1		<1		<1		<1		<1	
9702009	05/01/97	0854	Cornfield Site	6.59		1.7		1.71		1.97		2.58		<1		<1		<1		<1		<1		<1	
9702010	05/01/97	1009	Cornfield Site	9.64		1.83		2.01		<1		<1		1.55		<1		<1		1.26		<1		<1	
9702011	05/01/97	1054	Cornfield Site	9.76		1.96		1.99		<1		<1		1.23		<1		<1		<1		<1		<1	
9702012	05/01/97	1815	Cornfield Site	9.96		1.77		1.88		<1		<1		<1		<1		<1		<1		<1		<1	
9702013	05/01/97	1905	Cornfield Site	9.86		1.64		1.87		<1		<1		<1		<1		<1		<1		<1		<1	
9702014	05/01/97	1952	Cornfield Site	10.1		1.64		1.89		<1		<1		<1		<1		<1		<1		<1		<1	
9702015	05/01/97	2039	Cornfield Site	10.1		1.74		1.99		<1		<1		<1		<1		<1		<1		<1		<1	
9702016	05/01/97	2139	Cornfield Site	10.1		1.74		1.96		<1		<1		1.08		<1		<1		<1		<1		<1	
9702017	05/01/97	2216	Cornfield Site	10.5		1.69		1.96		<1		<1		1.34		<1		<1		<1		<1		<1	
9702018	05/01/97	2303	Cornfield Site	10.5		1.68		1.91		<1		<1		1.62		<1		<1		1.18		<1		<1	
9702019	05/01/97	2351	Cornfield Site	10.4		1.67		1.94		<1		<1		1.34		<1		<1		<1		<1		<1	
9702020	05/02/97	0038	Cornfield Site	10.1		<1		1.9		<1		<1		1.81		<1		<1		<1		<1		<1	
9702021	05/02/97	0127	Cornfield Site	10.1		1.6		1.97		<1		<1		1.19		<1		<1		<1		<1		<1	
9702022	05/02/97	0215	Cornfield Site	9.83		1.57		1.9		<1		<1		2		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9701226	03/31/97	0001	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701227	03/31/97	0055	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701228	03/31/97	0150	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701229	03/31/97	0244	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701230	03/31/97	0337	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701231	03/31/97	0431	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701232	03/31/97	0525	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701233	03/31/97	0620	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701234	03/31/97	1320	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701235	03/31/97	1415	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701236	03/31/97	1509	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1.06		<1		<1		<1		<1	
9701237	03/31/97	1603	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701238	03/31/97	1657	Kenova Water Plant	<1		<1		<1		<1		<1		<1		1		<1		<1		<1		<1	
9701239	03/31/97	1751	Kenova Water Plant	<1		1.2		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701240	03/31/97	1845	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701241	03/31/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701242	03/31/97	2033	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701243	03/31/97	2127	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701244	03/31/97	2221	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701245	03/31/97	2315	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701246	04/01/97	0009	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701247	04/01/97	0102	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701248	04/01/97	0156	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701249	04/01/97	0250	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701250	04/01/97	0344	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701251	04/01/97	0438	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9701252	04/01/97	0532	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
			Min	**0**	**0**	**1.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1**		**0**		**0**		**0**		**0**	
			MAX	**0**	**0**	**1.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**1.38**		**0**		**0**		**0**		**0**	
			Count	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**6**		**0**		**0**		**0**		**0**	
9702008	04/30/97	2038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702009	05/01/97	0854	Cornfield Site	1.07		<1		<1		<1		<1		<1		1.99		<1		<1		<1		<1	
9702010	05/01/97	1009	Cornfield Site	6.28		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702011	05/01/97	1054	Cornfield Site	4.2		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702012	05/01/97	1815	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702013	05/01/97	1905	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702014	05/01/97	1952	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702015	05/01/97	2039	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702016	05/01/97	2139	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702017	05/01/97	2216	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702018	05/01/97	2303	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702019	05/01/97	2351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702020	05/02/97	0038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702021	05/02/97	0127	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702022	05/02/97	0215	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9701226	03/31/97	0001	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701227	03/31/97	0055	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701228	03/31/97	0150	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701229	03/31/97	0244	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701230	03/31/97	0337	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701231	03/31/97	0431	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701232	03/31/97	0525	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701233	03/31/97	0620	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701234	03/31/97	1320	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701235	03/31/97	1415	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701236	03/31/97	1509	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701237	03/31/97	1603	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701238	03/31/97	1657	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701239	03/31/97	1751	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701240	03/31/97	1845	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701241	03/31/97	1939	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701242	03/31/97	2033	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701243	03/31/97	2127	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701244	03/31/97	2221	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701245	03/31/97	2315	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701246	04/01/97	0009	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701247	04/01/97	0102	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701248	04/01/97	0156	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701249	04/01/97	0250	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701250	04/01/97	0344	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701251	04/01/97	0438	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
9701252	04/01/97	0532	Kenova Water Plant	<1		<1		<1		<1		<1		<1		<1		<1		<1
			Min	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**		**0**
			MAX	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**		**0**
			Count	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**0**		**0**
9702008	04/30/97	2038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702009	05/01/97	0854	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702010	05/01/97	1009	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702011	05/01/97	1054	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702012	05/01/97	1815	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702013	05/01/97	1905	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702014	05/01/97	1952	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702015	05/01/97	2039	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702016	05/01/97	2139	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702017	05/01/97	2216	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702018	05/01/97	2303	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702019	05/01/97	2351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702020	05/02/97	0038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702021	05/02/97	0127	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702022	05/02/97	0215	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702023	05/02/97	0302	Cornfield Site	10.5		1.58		1.97		<1		1.33		5.19		<1		<1		2.31		<1		<1	
9702024	05/02/97	0349	Cornfield Site	10.7		1.36		1.97		<1		1.8		4.13		<1		<1		2.16		1.12		<1	
9702025	05/02/97	0436	Cornfield Site	9.92		2.22		1.94		<1		1.53		3.3		<1		<1		1.34		<1		<1	
9702026	05/02/97	0526	Cornfield Site	10.7		1.48		1.99		<1		1.38		2.78		<1		<1		1.44		<1		<1	
9702027	05/02/97	0614	Cornfield Site	11.5		1.54		1.96		<1		2.09		3.79		<1		<1		2.4		1.24		<1	
9702028	05/02/97	0701	Cornfield Site	10.8		1.02		1.97		<1		1.63		4.49		<1		<1		2.07		1.17		<1	
9702029	05/02/97	1347	Cornfield Site	10.1		1.62		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702030	05/02/97	1454	Cornfield Site	10.3		1.77		1.9		<1		1		<1		<1		<1		<1		<1		<1	
9702031	05/02/97	1541	Cornfield Site	10		1.77		1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9702032	05/02/97	1629	Cornfield Site	10.8		1.72		1.89		<1		<1		<1		<1		<1		<1		<1		<1	
9702033	05/02/97	1723	Cornfield Site	10.3		1.6		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9702034	05/02/97	1826	Cornfield Site	10.6		1.76		1.94		<1		<1		<1		<1		<1		<1		<1		<1	
9702035	05/02/97	1916	Cornfield Site	10.4		1.7		1.96		<1		<1		<1		<1		<1		<1		<1		<1	
9702036	05/02/97	2002	Cornfield Site	10.2		1.78		1.94		<1		1.1		1.11		<1		<1		<1		<1		<1	
9702037	05/02/97	2050	Cornfield Site	9.95		1.77		1.83		<1		2.17		6.37		<1		<1		1.99		1.6		<1	
9702038	05/02/97	2139	Cornfield Site	10.7		1.79		1.92		<1		<1		<1		<1		<1		<1		<1		<1	
9702039	05/02/97	2226	Cornfield Site	11.1		1.78		1.94		<1		<1		<1		<1		<1		<1		<1		<1	
9702040	05/02/97	2313	Cornfield Site	10.5		1.74		1.96		<1		1.86		5.21		1.39		2.05		4.42		2.64		1.62	
9702041	05/03/97	0001	Cornfield Site	11.1		1.64		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9702042	05/03/97	0048	Cornfield Site	10.3		1.82		1.9		<1		5.83		6.64		1.22		<1		3.05		<1		<1	
9702043	05/03/97	0135	Cornfield Site	10.6		5.21		2.02		<1		9.79		18		1.73		1.66		4.96		2.48		<1	
9702044	05/03/97	0223	Cornfield Site	10.3		5.74		2.04		<1		7.67		13.3		1.23		<1		3.28		1.5		<1	
9702045	05/03/97	0312	Cornfield Site	10.6		6.56		2.17		<1		2.63		3.64		<1		<1		1.85		<1		<1	
9702046	05/03/97	1535	Cornfield Site	10.5		1.64		2.07		<1		<1		1.74		<1		1.38		2.92		<1		<1	
9702047	05/03/97	1637	Cornfield Site	10.2		1.65		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9702048	05/03/97	1726	Cornfield Site	9.73		1.57		1.85		<1		<1		1.7		<1		<1		<1		<1		<1	
9702049	05/03/97	1814	Cornfield Site	9.46		<1		1.94		<1		<1		1.35		<1		<1		<1		<1		<1	
9702050	05/03/97	1903	Cornfield Site	10.6		1.56		1.92		<1		<1		1.52		<1		<1		<1		<1		<1	
9702051	05/03/97	1951	Cornfield Site	10.2		1.65		1.93		<1		<1		1.5		<1		<1		<1		<1		<1	
9702052	05/03/97	2040	Cornfield Site	10.2		1.55		1.79		<1		<1		1.12		<1		<1		<1		<1		<1	
9702053	05/03/97	2128	Cornfield Site	10.5		1.62		1.84		<1		<1		1.16		<1		<1		<1		<1		<1	
9702054	05/03/97	2217	Cornfield Site	9.92		1.66		1.84		<1		<1		1.15		<1		<1		<1		<1		<1	
9702055	05/03/97	2305	Cornfield Site	9.84		<1		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702056	05/03/97	2353	Cornfield Site	10		1.65		1.87		<1		<1		<1		<1		<1		<1		<1		<1	
9702057	05/04/97	0041	Cornfield Site	10.3		<1		1.85		<1		<1		<1		<1		<1		<1		<1		<1	
9702058	05/04/97	0129	Cornfield Site	10.5		1.71		1.87		<1		<1		<1		<1		<1		<1		<1		<1	
9702059	05/04/97	0217	Cornfield Site	9.64		<1		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702060	05/04/97	0307	Cornfield Site	10.3		1.53		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702061	05/04/97	0355	Cornfield Site	11.3		1.81		1.88		<1		<1		<1		<1		<1		<1		<1		<1	
9702062	05/04/97	0444	Cornfield Site	9.78		1.56		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702063	05/04/97	0532	Cornfield Site	10.6		<1		1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9702064	05/04/97	0621	Cornfield Site	9.61		<1		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702065	05/04/97	0710	Cornfield Site	9.75		<1		1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9702066	05/04/97	1519	Cornfield Site	10.1		1.69		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702067	05/04/97	1624	Cornfield Site	9.54		<1		1.79		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702023	05/02/97	0302	Cornfield Site	<1		<1		1.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702024	05/02/97	0349	Cornfield Site	<1		2.84		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702025	05/02/97	0436	Cornfield Site	<1		3.14		1.71		<1		<1		<1		<1		<1		<1		<1		<1	
9702026	05/02/97	0526	Cornfield Site	<1		3.33		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702027	05/02/97	0614	Cornfield Site	<1		2.56		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702028	05/02/97	0701	Cornfield Site	<1		1.67		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702029	05/02/97	1347	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702030	05/02/97	1454	Cornfield Site	<1		<1		13.3		<1		<1		<1		<1		<1		<1		<1		<1	
9702031	05/02/97	1541	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702032	05/02/97	1629	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702033	05/02/97	1723	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702034	05/02/97	1826	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702035	05/02/97	1916	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702036	05/02/97	2002	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702037	05/02/97	2050	Cornfield Site	<1		8.22		1.03		<1		<1		<1		<1		<1		<1		<1		<1	
9702038	05/02/97	2139	Cornfield Site	<1		1.09		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702039	05/02/97	2226	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702040	05/02/97	2313	Cornfield Site	<1		<1		1.3		<1		<1		<1		<1		<1		<1		<1		<1	
9702041	05/03/97	0001	Cornfield Site	<1		<1		1.15		<1		<1		<1		<1		<1		<1		<1		<1	
9702042	05/03/97	0048	Cornfield Site	<1		1.55		13.4		<1		<1		<1		<1		<1		<1		<1		<1	
9702043	05/03/97	0135	Cornfield Site	1.15		11.6		27		<1		<1		<1		<1		<1		<1		<1		<1	
9702044	05/03/97	0223	Cornfield Site	1.42		12.2		36.3		<1		<1		<1		<1		<1		<1		<1		<1	
9702045	05/03/97	0312	Cornfield Site	2.54		4.04		12.7		<1		<1		<1		1.02		<1		<1		<1		<1	
9702046	05/03/97	1535	Cornfield Site	6.41		1.39		<1		<1		1.79		<1		1.03		<1		<1		<1		<1	
9702047	05/03/97	1637	Cornfield Site	1.42		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702048	05/03/97	1726	Cornfield Site	3.4		<1		<1		<1		<1		<1		<1		<1		<1		1.05		<1	
9702049	05/03/97	1814	Cornfield Site	1.44		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702050	05/03/97	1903	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702051	05/03/97	1951	Cornfield Site	1.14		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702052	05/03/97	2040	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702053	05/03/97	2128	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702054	05/03/97	2217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702055	05/03/97	2305	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702056	05/03/97	2353	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702057	05/04/97	0041	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702058	05/04/97	0129	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702059	05/04/97	0217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702060	05/04/97	0307	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702061	05/04/97	0355	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702062	05/04/97	0444	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702063	05/04/97	0532	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702064	05/04/97	0621	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702065	05/04/97	0710	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702066	05/04/97	1519	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702067	05/04/97	1624	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702023	05/02/97	0302	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702024	05/02/97	0349	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702025	05/02/97	0436	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702026	05/02/97	0526	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702027	05/02/97	0614	Cornfield Site	1.03		<1		<1		<1		<1		<1		<1		<1		<1
9702028	05/02/97	0701	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702029	05/02/97	1347	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702030	05/02/97	1454	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702031	05/02/97	1541	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702032	05/02/97	1629	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702033	05/02/97	1723	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702034	05/02/97	1826	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702035	05/02/97	1916	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702036	05/02/97	2002	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702037	05/02/97	2050	Cornfield Site	1.34		<1		<1		<1		<1		<1		<1		<1		<1
9702038	05/02/97	2139	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702039	05/02/97	2226	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702040	05/02/97	2313	Cornfield Site	2.21		<1		<1		<1		<1		<1		<1		<1		<1
9702041	05/03/97	0001	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702042	05/03/97	0048	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702043	05/03/97	0135	Cornfield Site	2.08		<1		<1		<1		<1		<1		<1		<1		<1
9702044	05/03/97	0223	Cornfield Site	1.26		<1		<1		<1		<1		<1		<1		<1		<1
9702045	05/03/97	0312	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702046	05/03/97	1535	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702047	05/03/97	1637	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702048	05/03/97	1726	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702049	05/03/97	1814	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702050	05/03/97	1903	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702051	05/03/97	1951	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702052	05/03/97	2040	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702053	05/03/97	2128	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702054	05/03/97	2217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702055	05/03/97	2305	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702056	05/03/97	2353	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702057	05/04/97	0041	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702058	05/04/97	0129	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702059	05/04/97	0217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702060	05/04/97	0307	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702061	05/04/97	0355	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702062	05/04/97	0444	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702063	05/04/97	0532	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702064	05/04/97	0621	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702065	05/04/97	0710	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702066	05/04/97	1519	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702067	05/04/97	1624	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702068	05/04/97	1724	Cornfield Site	14.4		2.83		2.53		<1		<1		<1		<1		<1		<1		<1		<1	
9702069	05/04/97	1809	Cornfield Site	11.4		1.8		1.9		<1		<1		<1		<1		<1		<1		<1		<1	
9702070	05/04/97	1853	Cornfield Site	11.9		1.65		1.76		<1		<1		<1		<1		<1		<1		<1		<1	
9702071	05/04/97	1938	Cornfield Site	11.3		1.62		1.75		<1		<1		<1		<1		<1		<1		<1		<1	
9702072	05/04/97	2023	Cornfield Site	13.1		1.85		2.06		<1		<1		<1		<1		<1		<1		<1		<1	
9702073	05/04/97	2107	Cornfield Site	12.5		1.97		1.99		<1		<1		<1		<1		<1		<1		<1		<1	
9702074	05/04/97	2152	Cornfield Site	12.2		1.82		2.13		<1		1.02		1.42		<1		<1		1.12		<1		<1	
9702075	05/04/97	2237	Cornfield Site	13.4		2.07		2.17		<1		1.03		1.32		1.4		<1		1.39		<1		<1	
9702076	05/04/97	2322	Cornfield Site	13.5		2.04		2.15		<1		1.04		1.32		1.27		<1		1.25		<1		<1	
9702077	05/05/97	0007	Cornfield Site	13.1		2.35		2.16		<1		1.65		4.92		4.32		1.72		4.51		2.25		<1	
9702078	05/05/97	0051	Cornfield Site	13.8		2.17		2.32		<1		<1		1.06		<1		<1		<1		<1		<1	
9702079	05/05/97	0137	Cornfield Site	13.7		2.3		2.23		<1		<1		1.5		1.14		<1		1.04		<1		<1	
9702080	05/05/97	0222	Cornfield Site	13.3		2.55		2.33		<1		1.83		2.67		1.54		<1		1.54		1.15		<1	
9702081	05/05/97	0308	Cornfield Site	13.3		1.91		2.44		<1		2.33		3.69		1.61		<1		1.62		1.01		<1	
9702082	05/05/97	0354	Cornfield Site	12.2		1.98		2.35		<1		1.37		3.39		1.33		<1		1.34		<1		<1	
9702083	05/05/97	0439	Cornfield Site	13.4		1.84		2.38		<1		1.17		3.89		1.39		<1		1.4		<1		<1	
9702084	05/05/97	0524	Cornfield Site	13.1		1.84		2.32		<1		<1		1.3		<1		<1		<1		<1		<1	
9702085	05/05/97	0609	Cornfield Site	12.9		1.76		2.42		<1		<1		1.3		<1		<1		<1		<1		<1	
9702086	05/05/97	0654	Cornfield Site	12.3		1.75		2.3		<1		<1		1.18		1.03		<1		<1		<1		<1	
9702087	05/05/97	0739	Cornfield Site	12		1.89		2.35		<1		1.19		2.13		1.92		<1		1.96		1.3		<1	
9702161	05/06/97	1258	Cornfield Site	9.15	J	1.47	J	1.69		<1		<1		<1		<1		<1		<1		<1		<1	
9702162	05/06/97	1400	Cornfield Site	9.04	J	1.58	J	1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9702163	05/06/97	1448	Cornfield Site	6.85	J	1.32	J	1.59		<1		<1		1.92		<1		<1		1.01		<1		<1	
9702164	05/06/97	1542	Cornfield Site	5.77	J	1.06	J	1.45		<1		<1		2.87	L	1.57	L	<1		1.67		<1		<1	
9702165	05/06/97	1636	Cornfield Site	5.75	J	<1		1.54		<1		<1		3.16	L	<1		<1		1.68		<1		<1	
9702166	05/06/97	1730	Cornfield Site	5.8	J	<1		1.48		<1		<1		3.05	L	<1		1.61		1.64		<1		<1	
9702167	05/06/97	1824	Cornfield Site	5.99	J	<1		1.51		<1		<1		3.18	L	<1		<1		1.65		<1		<1	
9702168	05/06/97	1917	Cornfield Site	9.83	J	1.56	J	1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9702169	05/06/97	2005	Cornfield Site	9.6	J	1.52	J	1.65		<1		<1		<1		<1		<1		<1		<1		<1	
9702170	05/06/97	2053	Cornfield Site	9.2	J	1.54	J	1.69		<1		<1		1.27	L	<1		<1		<1		<1		<1	
9702171	05/06/97	2142	Cornfield Site	9.26	J	1.46	J	1.72		<1		<1		1.19	L	<1		<1		<1		<1		<1	
9702172	05/06/97	2231	Cornfield Site	9.32	J	<1		1.71		<1		<1		1.61	L	<1		<1		1.07		<1		<1	
9702173	05/06/97	2320	Cornfield Site	9.59	J	<1		1.72		<1		1.21	L	2.01	L	<1		<1		1.63		<1		<1	
9702174	05/07/97	0009	Cornfield Site	9.94	J	<1		1.75		<1		1.13	L	1.79	L	<1		<1		1.2		<1		<1	
9702175	05/07/97	0058	Cornfield Site	9.37	J	1.99	J	1.71		<1		1.71	L	2.94	L	1.06	L	<1		1.14		<1		<1	
9702176	05/07/97	0147	Cornfield Site	9.8	J	1.53	J	1.74		<1		2.78	L	4.15	L	<1		<1		1.62		<1		<1	
9702177	05/07/97	0236	Cornfield Site	10.1	J	<1		1.77		<1		1.12	L	1.21	L	<1		<1		<1		<1		<1	
9702178	05/07/97	0325	Cornfield Site	9.86	J	1.4	J	1.73		<1		2.11	L	2.09	L	<1		<1		1.18		<1		<1	
9702179	05/07/97	0414	Cornfield Site	9.51	J	<1		1.73		<1		3.2	L	3.2	L	<1		<1		1.85		<1		<1	
9702180	05/07/97	0504	Cornfield Site	9.6	J	2.09	J	1.72		<1		3.75	L	4.21	L	<1		<1		1.91		<1		<1	
9702181	05/07/97	0552	Cornfield Site	10.2	J	1.33	J	1.73		<1		4.04	L	4.91	L	<1		<1		2.34		<1		<1	
9702182	05/07/97	0641	Cornfield Site	10.4	J	2.24	J	1.75		<1		3.99	L	4.74	L	1.03	L	<1		2.58		1.22		<1	
9702183	05/07/97	1535	Cornfield Site	8.87		<1		1.54		<1		1.04	L	<1		<1		<1		<1		<1		<1	
9702184	05/07/97	1621	Cornfield Site	9.5		<1		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702185	05/07/97	1708	Cornfield Site	9.33		1.62		1.76		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702068	05/04/97	1724	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702069	05/04/97	1809	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702070	05/04/97	1853	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702071	05/04/97	1938	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702072	05/04/97	2023	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702073	05/04/97	2107	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702074	05/04/97	2152	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702075	05/04/97	2237	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702076	05/04/97	2322	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702077	05/05/97	0007	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702078	05/05/97	0051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702079	05/05/97	0137	Cornfield Site	<1		<1		2.06		<1		<1		<1		<1		<1		<1		<1		<1	
9702080	05/05/97	0222	Cornfield Site	<1		3.87		3.67		<1		<1		<1		<1		<1		<1		<1		<1	
9702081	05/05/97	0308	Cornfield Site	<1		6.03		3.87		<1		<1		<1		<1		<1		<1		<1		<1	
9702082	05/05/97	0354	Cornfield Site	<1		3.01		1.89		<1		<1		<1		<1		<1		<1		<1		<1	
9702083	05/05/97	0439	Cornfield Site	<1		1.86		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702084	05/05/97	0524	Cornfield Site	<1		1.31		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702085	05/05/97	0609	Cornfield Site	<1		1.14		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702086	05/05/97	0654	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702087	05/05/97	0739	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702161	05/06/97	1258	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702162	05/06/97	1400	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702163	05/06/97	1448	Cornfield Site	1.01		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702164	05/06/97	1542	Cornfield Site	<1		1.27	B	<1		<1		<1		<1		3.08	L	<1		1.5		1.47	L	<1	
9702165	05/06/97	1636	Cornfield Site	<1		1.46	B	<1		<1		<1		<1		2.21	L	<1		<1		1.62	L	<1	
9702166	05/06/97	1730	Cornfield Site	<1		1.46	B	<1		<1		<1		<1		1.7	L	<1		<1		<1		<1	
9702167	05/06/97	1824	Cornfield Site	<1		1.47	B	<1		<1		<1		<1		1.53	L	<1		<1		1.6	L	<1	
9702168	05/06/97	1917	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702169	05/06/97	2005	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702170	05/06/97	2053	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702171	05/06/97	2142	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702172	05/06/97	2231	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702173	05/06/97	2320	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702174	05/07/97	0009	Cornfield Site	<1		1.01	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702175	05/07/97	0058	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702176	05/07/97	0147	Cornfield Site	<1		1.39	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702177	05/07/97	0236	Cornfield Site	<1		1.51	B	1.03		<1		<1		<1		<1		<1		<1		<1		<1	
9702178	05/07/97	0325	Cornfield Site	<1		4.09	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702179	05/07/97	0414	Cornfield Site	<1		10.5	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702180	05/07/97	0504	Cornfield Site	<1		13	B	1.63		<1		<1		<1		<1		<1		<1		<1		<1	
9702181	05/07/97	0552	Cornfield Site	<1		13	B	2.6		<1		<1		<1		<1		<1		<1		<1		<1	
9702182	05/07/97	0641	Cornfield Site	<1		12.4	B	2.22		<1		<1		<1		<1		<1		<1		<1		<1	
9702183	05/07/97	1535	Cornfield Site	<1		1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702184	05/07/97	1621	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702185	05/07/97	1708	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButlbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702068	05/04/97	1724	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702069	05/04/97	1809	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702070	05/04/97	1853	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702071	05/04/97	1938	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702072	05/04/97	2023	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702073	05/04/97	2107	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702074	05/04/97	2152	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702075	05/04/97	2237	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702076	05/04/97	2322	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702077	05/05/97	0007	Cornfield Site	1.89		<1		<1		<1		<1		<1		<1		<1		<1
9702078	05/05/97	0051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702079	05/05/97	0137	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702080	05/05/97	0222	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702081	05/05/97	0308	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702082	05/05/97	0354	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702083	05/05/97	0439	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702084	05/05/97	0524	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702085	05/05/97	0609	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702086	05/05/97	0654	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702087	05/05/97	0739	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702161	05/06/97	1258	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702162	05/06/97	1400	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702163	05/06/97	1448	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702164	05/06/97	1542	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702165	05/06/97	1636	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702166	05/06/97	1730	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702167	05/06/97	1824	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702168	05/06/97	1917	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702169	05/06/97	2005	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702170	05/06/97	2053	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702171	05/06/97	2142	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702172	05/06/97	2231	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702173	05/06/97	2320	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702174	05/07/97	0009	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702175	05/07/97	0058	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702176	05/07/97	0147	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702177	05/07/97	0236	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702178	05/07/97	0325	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702179	05/07/97	0414	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702180	05/07/97	0504	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702181	05/07/97	0552	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702182	05/07/97	0641	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702183	05/07/97	1535	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702184	05/07/97	1621	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702185	05/07/97	1708	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702186	05/07/97	1755	Cornfield Site	9.51		1.67		1.76		<1		1.03	L	<1		<1		<1		<1		<1		<1	
9702187	05/07/97	1842	Cornfield Site	9.38		1.55		1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9702188	05/07/97	1929	Cornfield Site	10.2		1.65		1.84		<1		2.02	L	<1		<1		<1		<1		<1		<1	
9702189	05/07/97	2016	Cornfield Site	10.2		1.58		1.81		<1		<1		1.09	L	<1		<1		<1		<1		<1	
9702190	05/07/97	2103	Cornfield Site	9.81		1.63		1.81		<1		1.34	L	1.85	L	<1		<1		1.23		<1		<1	
9702191	05/07/97	2150	Cornfield Site	9.89		<1		1.8		<1		1.32	L	1.83	L	1.12	L	<1		1.11		<1		<1	
9702192	05/07/97	2237	Cornfield Site	10.3		<1		1.78		<1		2.02	L	5.05	L	<1		<1		2.21		1.07		<1	
9702193	05/07/97	2324	Cornfield Site	10.6		1.44		1.83		<1		1.72	L	5.4	L	<1		<1		2.31		1.19		<1	
9702194	05/08/97	0011	Cornfield Site	11.6		1.3		1.93		<1		2.78	L	6.18	L	1.51	L	1.65		4.46		2.09		<1	
9702195	05/08/97	0059	Cornfield Site	11.1		<1		1.78		<1		2.15	L	4.31	L	1.41	L	1.3		4.41		1.61		<1	
9702196	05/08/97	0146	Cornfield Site	11.5		<1		1.85		<1		1.44	L	2.82	L	<1		<1		2.39		<1		<1	
9702197	05/08/97	0233	Cornfield Site	9.93		1.61		1.72		<1		<1		1.09	L	<1		<1		<1		<1		<1	
9702198	05/08/97	0320	Cornfield Site	10.1		1.63		1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702199	05/08/97	0407	Cornfield Site	10.4		1.33		1.77		<1		1.11	L	1.75	L	<1		<1		1.15		<1		<1	
9702200	05/08/97	0455	Cornfield Site	10.2		<1		1.88		<1		<1		1.15	L	<1		<1		<1		<1		<1	
9702201	05/08/97	0541	Cornfield Site	10.3		1.53		1.78		<1		<1		1.07	L	<1		<1		<1		<1		<1	
9702202	05/08/97	0629	Cornfield Site	10.1		1.77		1.82		<1		<1		2.04	L	<1		<1		1.65		<1		<1	
9702203	05/08/97	0716	Cornfield Site	9.98		<1		1.87		<1		<1		1.93	L	<1		<1		<1		<1		<1	
9702204	05/08/97	1349	Cornfield Site	9.72		1.68		1.77		<1		<1		1.11	L	<1		<1		<1		<1		<1	
9702205	05/08/97	1441	Cornfield Site	9.42		1.55		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9702206	05/08/97	1525	Cornfield Site	9.88		1.58		1.74		<1		<1		<1		<1		<1		<1		<1		<1	
9702207	05/08/97	1613	Cornfield Site	9.75		1.69		1.83		<1		1.18	L	1.92	L	<1		<1		<1		<1		<1	
9702208	05/08/97	1701	Cornfield Site	9.4		2.4		1.8		<1		1.95	L	13	L	1.32	L	<1		2.84		<1		<1	
9702209	05/08/97	1748	Cornfield Site	9.9		1.68		1.79		<1		<1		3.52	L	<1		<1		<1		<1		<1	
9702210	05/08/97	2017	Cornfield Site	<1		<1		5.91	Q	<1		<1		1.81	QL	<1		<1		<1		<1		<1	
9702211	05/08/97	2216	Cornfield Site	10.2		1.82		1.78		<1		<1		1.57	L	<1		<1		<1		<1		<1	
9702212	05/08/97	2315	Cornfield Site	10.4		1.77		1.85		<1		<1		1.09	L	<1		<1		<1		<1		<1	
9702213	05/09/97	0002	Cornfield Site	10.2		1.81		1.84		<1		1.19	L	4.58	L	15.2	L	2.29		26.1		<1		<1	
9702214	05/09/97	0051	Cornfield Site	9.93		2.41		1.88		<1		1.83	L	10.8	L	4.43	L	1.12		7.74		<1		<1	
9702215	05/09/97	0140	Cornfield Site	9.45		1.75		1.87		<1		<1		2.62	L	1.17	L	<1		2.09		<1		<1	
9702216	05/09/97	0228	Cornfield Site	9.26		1.02		1.84		<1		<1		1.2	L	2.53	L	<1		4.03		<1		<1	
9702217	05/09/97	0316	Cornfield Site	9.56		1.71		1.76		<1		<1		1.55	L	<1		<1		1.23		<1		<1	
9702218	05/09/97	0406	Cornfield Site	10.3		1.73		1.83		<1		<1		1.21	L	<1		<1		<1		<1		<1	
9702219	05/09/97	0455	Cornfield Site	9.39		1.65		1.77		<1		<1		1.49	L	<1		<1		<1		<1		<1	
9702220	05/09/97	0545	Cornfield Site	9.79		1.75		1.86		<1		3.36	L	14.1	L	3.04	L	1.21		6.04		1.35		<1	
9702221	05/09/97	0900	Cornfield Site	9.33		1.75		1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9702222	05/09/97	0945	Cornfield Site	9.55		1.73		1.99		<1		<1		2.46	L	<1		1.25		2.73		<1		<1	
9702223	05/09/97	1032	Cornfield Site	10		1.56		1.81		<1		<1		2.54	L	<1		<1		<1		<1		<1	
9702286	05/09/97	1222	Cornfield Site	10.5		1.7		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9702287	05/09/97	1626	Cornfield Site	10.1		1.54		1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702288	05/09/97	2200	Cornfield Site	6.38		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702289	05/09/97	2246	Cornfield Site	6.19		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702290	05/09/97	2332	Cornfield Site	6.41		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702291	05/10/97	0017	Cornfield Site	6.27		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702292	05/10/97	0102	Cornfield Site	6.4		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702186	05/07/97	1755	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702187	05/07/97	1842	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702188	05/07/97	1929	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702189	05/07/97	2016	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702190	05/07/97	2103	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702191	05/07/97	2150	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702192	05/07/97	2237	Cornfield Site	<1		1.2		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702193	05/07/97	2324	Cornfield Site	<1		1.36		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702194	05/08/97	0011	Cornfield Site	<1		6.46		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702195	05/08/97	0059	Cornfield Site	<1		5.14		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702196	05/08/97	0146	Cornfield Site	<1		2.24		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702197	05/08/97	0233	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702198	05/08/97	0320	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702199	05/08/97	0407	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702200	05/08/97	0455	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702201	05/08/97	0541	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702202	05/08/97	0629	Cornfield Site	<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702203	05/08/97	0716	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702204	05/08/97	1349	Cornfield Site	<1		1.05	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702205	05/08/97	1441	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702206	05/08/97	1525	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702207	05/08/97	1613	Cornfield Site	<1		<1		4.69		<1		<1		<1		<1		<1		<1		<1		<1	
9702208	05/08/97	1701	Cornfield Site	<1		1.78	J	23.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702209	05/08/97	1748	Cornfield Site	<1		1.12	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702210	05/08/97	2017	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702211	05/08/97	2216	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702212	05/08/97	2315	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702213	05/09/97	0002	Cornfield Site	<1		1.14	J	7.6		<1		<1		<1		<1		<1		<1		<1		<1	
9702214	05/09/97	0051	Cornfield Site	<1		1.86	J	19.7		<1		<1		<1		<1		<1		<1		<1		<1	
9702215	05/09/97	0140	Cornfield Site	<1		1.19	J	3.19		<1		<1		<1		<1		<1		<1		<1		<1	
9702216	05/09/97	0228	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702217	05/09/97	0316	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702218	05/09/97	0406	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702219	05/09/97	0455	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702220	05/09/97	0545	Cornfield Site	<1		2.93		22		<1		<1		<1		<1		<1		<1		<1		<1	
9702221	05/09/97	0900	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702222	05/09/97	0945	Cornfield Site	<1		<1		<1		<1		1.36	L	<1		<1		<1		<1		<1		<1	
9702223	05/09/97	1032	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702286	05/09/97	1222	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702287	05/09/97	1626	Cornfield Site	<1		2.74		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702288	05/09/97	2200	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702289	05/09/97	2246	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702290	05/09/97	2332	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702291	05/10/97	0017	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702292	05/10/97	0102	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702186	05/07/97	1755	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702187	05/07/97	1842	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702188	05/07/97	1929	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702189	05/07/97	2016	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702190	05/07/97	2103	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702191	05/07/97	2150	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702192	05/07/97	2237	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702193	05/07/97	2324	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702194	05/08/97	0011	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702195	05/08/97	0059	Cornfield Site	1.47		<1		<1		<1		<1		<1		<1		<1		<1
9702196	05/08/97	0146	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702197	05/08/97	0233	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702198	05/08/97	0320	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702199	05/08/97	0407	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702200	05/08/97	0455	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702201	05/08/97	0541	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702202	05/08/97	0629	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702203	05/08/97	0716	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702204	05/08/97	1349	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702205	05/08/97	1441	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702206	05/08/97	1525	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702207	05/08/97	1613	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702208	05/08/97	1701	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702209	05/08/97	1748	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702210	05/08/97	2017	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702211	05/08/97	2216	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702212	05/08/97	2315	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702213	05/09/97	0002	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702214	05/09/97	0051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702215	05/09/97	0140	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702216	05/09/97	0228	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702217	05/09/97	0316	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702218	05/09/97	0406	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702219	05/09/97	0455	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702220	05/09/97	0545	Cornfield Site	1.24		<1		<1		<1		<1		<1		<1		<1		<1
9702221	05/09/97	0900	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702222	05/09/97	0945	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702223	05/09/97	1032	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702286	05/09/97	1222	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702287	05/09/97	1626	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702288	05/09/97	2200	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702289	05/09/97	2246	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702290	05/09/97	2332	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702291	05/10/97	0017	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702292	05/10/97	0102	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702293	05/10/97	0147	Cornfield Site	5.42		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702294	05/10/97	0232	Cornfield Site	4.87		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702295	05/10/97	0317	Cornfield Site	6.52		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702296	05/10/97	0402	Cornfield Site	6.01		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702297	05/10/97	0447	Cornfield Site	5.18		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702298	05/10/97	0533	Cornfield Site	5.98		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702299	05/10/97	0618	Cornfield Site	6.09		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702300	05/10/97	0703	Cornfield Site	5.64		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702301	05/10/97	0751	Cornfield Site	4.84		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702302	05/12/97	0916	Cornfield Site	11	Q	1.96	Q	1.99	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9702303	05/12/97	1032	Cornfield Site	13.9	Q	2.28	Q	2.29	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9702304	05/12/97	1603	Cornfield Site	14.3	Q	1.53	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702305	05/12/97	1648	Cornfield Site	13.5	Q	2.05	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702307	05/12/97	1906	Cornfield Site	13.7	Q	2.2	Q	2.17	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9702308	05/12/97	1952	Cornfield Site	13.8		2.94		2.08		<1		1.16		7.27		<1		<1		1.39		<1		<1	
9702309	05/12/97	2037	Cornfield Site	13.3	Q	5.54	Q	2.11	Q	<1		1.31	Q	9.97	Q	<1		<1		1.16	Q	<1		<1	
9702311	05/10/97	1112	Cornfield Site	12.5		2.03		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9702312	05/10/97	1156	Cornfield Site	12.8		1.91		2.41		<1		<1		<1		<1		<1		<1		<1		<1	
9702313	05/10/97	1242	Cornfield Site	12.8		1.88		2.25		<1		<1		<1		<1		<1		<1		<1		<1	
9702314	05/10/97	1327	Cornfield Site	12.7		1.97		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9702315	05/10/97	1413	Cornfield Site	13.3		2.17		2.37		<1		<1		<1		<1		<1		<1		<1		<1	
9702316	05/10/97	1458	Cornfield Site	12.7		1.89		2.38		<1		<1		<1		<1		<1		<1		<1		<1	
9702317	05/10/97	1544	Cornfield Site	12.4		2.06		2.33		<1		<1		<1		<1		<1		<1		<1		<1	
9702318	05/10/97	1631	Cornfield Site	12.3		2.14		2.34		<1		<1		<1		<1		<1		<1		<1		<1	
9702319	05/10/97	1717	Cornfield Site	13.4		2.05		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9702320	05/10/97	1805	Cornfield Site	12.1		1.86		2.31		<1		<1		<1		<1		<1		<1		<1		<1	
9702510	05/13/97	1605	Cornfield Site	13.7	JQ	1.01	Q	1.89		<1		<1		<1		<1		<1		<1		<1		<1	
9702511	05/13/97	1944	Cornfield Site	13.1	JQ	2.05	Q	2		<1		<1		<1		<1		<1		<1		<1		<1	
9702512	05/13/97	2038	Cornfield Site	14.3	JQ	2	Q	1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9702513	05/13/97	2123	Cornfield Site	13.4	JQ	1.81	Q	2.06		<1		<1		<1		<1		<1		<1		<1		<1	
9702514	05/13/97	2208	Cornfield Site	13.7	JQ	2.23	Q	2.06		<1		1		1.92		<1		<1		<1		<1		<1	
9702515	05/13/97	2253	Cornfield Site	13.4	JQ	4.06	Q	2		<1		5.38		14.8		1.03		<1		2.95		<1		<1	
9702516	05/13/97	2338	Cornfield Site	13.6	JQ	1.61	Q	2.18		<1		7.55		19.1		1.08		<1		2.67		<1		<1	
9702517	05/14/97	0023	Cornfield Site	13.7	JQ	3.16	Q	2.16		<1		1.56		11.6		<1		<1		1.13		<1		<1	
9702518	05/14/97	0108	Cornfield Site	13.8	JQ	2.35	Q	2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9702519	05/14/97	0153	Cornfield Site	13.9	JQ	2.88	Q	2.15		<1		<1		<1		<1		<1		<1		<1		<1	
9702520	05/14/97	0238	Cornfield Site	14.2	JQ	2.23	Q	2.21		<1		<1		<1		<1		<1		<1		<1		<1	
9702521	05/14/97	0323	Cornfield Site	13.9	JQ	2.22	Q	2.25		<1		<1		<1		<1		<1		<1		<1		<1	
9702522	05/14/97	0408	Cornfield Site	14.6	JQ	2.03	Q	2.31		<1		<1		<1		<1		<1		<1		<1		<1	
9702523	05/14/97	0453	Cornfield Site	13.6	JQ	2.17	Q	2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9702524	05/14/97	0538	Cornfield Site	13.2	JQ	2.04	Q	2.27		<1		<1		<1		<1		<1		<1		<1		<1	
9702525	05/14/97	1100	Cornfield Site	9.9	J	1.5	Q	1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702526	05/14/97	1203	Cornfield Site	9.51	J	2.52	Q	1.88		<1		6.74		10.3		<1		<1		1.57		<1		<1	
9702527	05/14/97	1257	Cornfield Site	9.89	J	1.6	Q	1.82		<1		6.96		8.05		<1		<1		1.37		<1		<1	
9702528	05/14/97	1348	Cornfield Site	9.77	J	1.65	Q	1.81		<1		5.75		7.7		<1		<1		1.05		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702293	05/10/97	0147	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702294	05/10/97	0232	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702295	05/10/97	0317	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702296	05/10/97	0402	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702297	05/10/97	0447	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702298	05/10/97	0533	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702299	05/10/97	0618	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702300	05/10/97	0703	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702301	05/10/97	0751	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702302	05/12/97	0916	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702303	05/12/97	1032	Cornfield Site	<1		2.74	Q	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702304	05/12/97	1603	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702305	05/12/97	1648	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702307	05/12/97	1906	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702308	05/12/97	1952	Cornfield Site	<1		<1		8.24		<1		<1		<1		<1		<1		<1		<1		<1	
9702309	05/12/97	2037	Cornfield Site	<1		1.04	Q	2.28	Q	<1		<1		<1		<1		<1		<1		<1		<1	
9702311	05/10/97	1112	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702312	05/10/97	1156	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702313	05/10/97	1242	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702314	05/10/97	1327	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702315	05/10/97	1413	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702316	05/10/97	1458	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702317	05/10/97	1544	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702318	05/10/97	1631	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702319	05/10/97	1717	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702320	05/10/97	1805	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702510	05/13/97	1605	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702511	05/13/97	1944	Cornfield Site	<1		1.04		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702512	05/13/97	2038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702513	05/13/97	2123	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702514	05/13/97	2208	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702515	05/13/97	2253	Cornfield Site	<1		<1		15.7		<1		<1		<1		<1		<1		<1		<1		<1	
9702516	05/13/97	2338	Cornfield Site	<1		1.27		19.9		<1		<1		<1		<1		<1		<1		<1		<1	
9702517	05/14/97	0023	Cornfield Site	<1		1.71		5.19		<1		<1		<1		<1		<1		<1		<1		<1	
9702518	05/14/97	0108	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702519	05/14/97	0153	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702520	05/14/97	0238	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702521	05/14/97	0323	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702522	05/14/97	0408	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702523	05/14/97	0453	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702524	05/14/97	0538	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702525	05/14/97	1100	Cornfield Site	<1		<1		2.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702526	05/14/97	1203	Cornfield Site	<1		<1		11.5		<1		<1		<1		<1		<1		<1		<1		<1	
9702527	05/14/97	1257	Cornfield Site	<1		1.1		5.32		<1		<1		<1		<1		<1		<1		<1		<1	
9702528	05/14/97	1348	Cornfield Site	<1		<1		3.73		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702293	05/10/97	0147	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702294	05/10/97	0232	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702295	05/10/97	0317	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702296	05/10/97	0402	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702297	05/10/97	0447	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702298	05/10/97	0533	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702299	05/10/97	0618	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702300	05/10/97	0703	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702301	05/10/97	0751	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702302	05/12/97	0916	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702303	05/12/97	1032	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702304	05/12/97	1603	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702305	05/12/97	1648	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702307	05/12/97	1906	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702308	05/12/97	1952	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702309	05/12/97	2037	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702311	05/10/97	1112	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702312	05/10/97	1156	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702313	05/10/97	1242	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702314	05/10/97	1327	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702315	05/10/97	1413	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702316	05/10/97	1458	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702317	05/10/97	1544	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702318	05/10/97	1631	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702319	05/10/97	1717	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702320	05/10/97	1805	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702510	05/13/97	1605	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702511	05/13/97	1944	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702512	05/13/97	2038	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702513	05/13/97	2123	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702514	05/13/97	2208	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702515	05/13/97	2253	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702516	05/13/97	2338	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702517	05/14/97	0023	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702518	05/14/97	0108	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702519	05/14/97	0153	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702520	05/14/97	0238	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702521	05/14/97	0323	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702522	05/14/97	0408	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702523	05/14/97	0453	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702524	05/14/97	0538	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702525	05/14/97	1100	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702526	05/14/97	1203	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702527	05/14/97	1257	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		1.53		<1
9702528	05/14/97	1348	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702529	05/14/97	1430	Cornfield Site	9.3	J	1.42	Q	1.81		<1		6.5		9.53		1.12		<1		1.13		<1		<1	
9702530	05/14/97	1518	Cornfield Site	9.74	J	1.54	Q	1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702531	05/14/97	1654	Cornfield Site	9.72	J	1.54	Q	1.85		<1		1.17		2.43		<1		<1		<1		<1		<1	
9702532	05/14/97	1740	Cornfield Site	9.58	J	1.41	Q	1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9702533	05/14/97	1828	Cornfield Site	9.63	J	1.47	Q	1.84		<1		4.03		6.66		<1		<1		1.35		<1		<1	
9702534	05/14/97	1917	Cornfield Site	10.2	J	1.59	Q	1.85		<1		1.32		3.18		<1		<1		<1		<1		<1	
9702535	05/14/97	2004	Cornfield Site	10.4	J	1.34	Q	1.81		<1		<1		<1		<1		<1		<1		<1		<1	
9702536	05/14/97	2051	Cornfield Site	9.82	J	1.51	Q	1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702537	05/14/97	2138	Cornfield Site	10.3	J	1.87	Q	1.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702538	05/14/97	2313	Cornfield Site	10.3	J	1.42	Q	1.83		<1		<1		<1		<1		<1		<1		<1		<1	
9702539	05/15/97	0001	Cornfield Site	9.32	J	1.59	Q	1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9702540	05/15/97	0050	Cornfield Site	9.88	J	1.49	Q	1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9702541	05/15/97	0137	Cornfield Site	9.77	J	1.39	Q	1.79		<1		<1		<1		<1		<1		<1		<1		<1	
9702542	05/15/97	0224	Cornfield Site	9.92	J	1.56	Q	1.78		<1		<1		<1		<1		<1		<1		<1		<1	
9702543	05/15/97	0312	Cornfield Site	9.9	J	1.4	Q	1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9702544	05/15/97	0400	Cornfield Site	9.65	J	1.53	Q	1.84		<1		<1		<1		<1		<1		<1		<1		<1	
9702545	05/16/97	1232	Cornfield Site	18.8		4.32		4.65		1.19		<1		<1		<1		<1		<1		<1		<1	
9702546	05/16/97	1321	Cornfield Site	13.1		2		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9702547	05/16/97	1406	Cornfield Site	13.7		2.05		2.17		<1		<1		<1		<1		<1		<1		<1		<1	
9702548	05/16/97	1528	Cornfield Site	13		1.97		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9702549	05/16/97	1623	Cornfield Site	14.4		1.9		2.15		<1		<1		<1		<1		<1		<1		<1		<1	
9702550	05/16/97	1708	Cornfield Site	14.9		2.22		2.17		<1		<1		<1		<1		<1		<1		<1		<1	
9702551	05/16/97	1753	Cornfield Site	13.8		1.99		2.05		<1		<1		<1		<1		<1		<1		<1		<1	
9702552	05/16/97	1838	Cornfield Site	14.1		1.8		2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9702553	05/16/97	1923	Cornfield Site	14.3		1.81		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9702554	05/16/97	2007	Cornfield Site	14.5		2.1		2.18		<1		<1		1.51	Q	<1		<1		<1		<1		<1	
9702555	05/16/97	2052	Cornfield Site	14.3		2.01		2.21		<1		<1		1.35	Q	<1		<1		<1		<1		<1	
9702556	05/16/97	2137	Cornfield Site	13.9		1.97		2.21		<1		1.23		5.74	Q	<1		<1		2.11		1.08		<1	
9702557	05/16/97	2221	Cornfield Site	14.4		2.33		2.2		<1		1.46		2.9	Q	<1		<1		1.65		<1		<1	
9702558	05/16/97	2351	Cornfield Site	13.7		2.41		2.28		<1		<1		1.62	Q	<1		<1		<1		<1		<1	
9702559	05/17/97	0037	Cornfield Site	12.8		1.94		2.27		<1		1.32		1.87	Q	<1		<1		<1		<1		<1	
9702560	05/17/97	0122	Cornfield Site	12.7		1.76		2.26		<1		2.34		2.59	Q	1.03		<1		1.78		<1		<1	
9702561	05/17/97	0207	Cornfield Site	14		2.1		2.25		<1		<1		1.32	Q	<1		<1		<1		<1		<1	
9702562	05/17/97	0251	Cornfield Site	14.3		2.02		2.35		<1		<1		<1		<1		<1		<1		<1		<1	
9702563	05/16/97	2306	Cornfield Site	13.7		1.87		<1		<1		1.11		1.22	Q	2.31		<1		4.32		<1		<1	
9702564	05/17/97	1014	Cornfield Site	12.5		2.05		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9702565	05/17/97	1104	Cornfield Site	11.7		1.89		1.92		<1		1.29		2.61	J	<1		<1		<1		<1		<1	
9702566	05/17/97	1149	Cornfield Site	13.4		2.5		1.94		<1		1.05		1.6	J	<1		<1		<1		<1		<1	
9702567	05/17/97	1234	Cornfield Site	12.3		1.95		1.91		<1		<1		<1		<1		<1		<1		<1		<1	
9702568	05/17/97	1319	Cornfield Site	12.4		1.99		1.94		<1		1.32		1.63	J	<1		<1		<1		<1		<1	
9702569	05/17/97	1404	Cornfield Site	12		1.86		2.06		<1		1.98		2.09	J	<1		<1		<1		<1		<1	
9702570	05/17/97	1450	Cornfield Site	12.3		1.92		2.07		<1		<1		1.15	J	<1		<1		<1		<1		<1	
9702571	05/17/97	1535	Cornfield Site	12.2		1.79		1.98		<1		<1		<1		<1		<1		<1		<1		<1	
9702572	05/17/97	1620	Cornfield Site	13.8		2.04		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9702573	05/17/97	1705	Cornfield Site	12.6		1.81		1.96		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702529	05/14/97	1430	Cornfield Site	<1		1.09		2.16		<1		<1		<1		<1		<1		<1		<1		<1	
9702530	05/14/97	1518	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702531	05/14/97	1654	Cornfield Site	<1		<1		4.11		<1		<1		<1		<1		<1		<1		<1		<1	
9702532	05/14/97	1740	Cornfield Site	<1		<1		1.19		<1		<1		<1		<1		<1		<1		<1		<1	
9702533	05/14/97	1828	Cornfield Site	<1		<1		11.2		<1		<1		<1		<1		<1		<1		<1		<1	
9702534	05/14/97	1917	Cornfield Site	<1		<1		6.24		<1		<1		<1		<1		<1		<1		<1		<1	
9702535	05/14/97	2004	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702536	05/14/97	2051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702537	05/14/97	2138	Cornfield Site	<1		<1		1.34		<1		<1		<1		<1		<1		<1		<1		<1	
9702538	05/14/97	2313	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702539	05/15/97	0001	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702540	05/15/97	0050	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702541	05/15/97	0137	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702542	05/15/97	0224	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702543	05/15/97	0312	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702544	05/15/97	0400	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702545	05/16/97	1232	Cornfield Site	<1		<1		<1		<1		<1		<1		1		<1		<1		<1		<1	
9702546	05/16/97	1321	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702547	05/16/97	1406	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702548	05/16/97	1528	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702549	05/16/97	1623	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702550	05/16/97	1708	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702551	05/16/97	1753	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702552	05/16/97	1838	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702553	05/16/97	1923	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702554	05/16/97	2007	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702555	05/16/97	2052	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702556	05/16/97	2137	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702557	05/16/97	2221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702558	05/16/97	2351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702559	05/17/97	0037	Cornfield Site	<1		<1		1.48		<1		<1		<1		<1		<1		<1		<1		<1	
9702560	05/17/97	0122	Cornfield Site	<1		<1		4.47		<1		<1		<1		<1		<1		<1		<1		<1	
9702561	05/17/97	0207	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702562	05/17/97	0251	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702563	05/16/97	2306	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702564	05/17/97	1014	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702565	05/17/97	1104	Cornfield Site	<1		<1		5.21	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702566	05/17/97	1149	Cornfield Site	<1		<1		2.68	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702567	05/17/97	1234	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702568	05/17/97	1319	Cornfield Site	<1		<1		2.41	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702569	05/17/97	1404	Cornfield Site	<1		<1		2.64	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702570	05/17/97	1450	Cornfield Site	<1		<1		2.79	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702571	05/17/97	1535	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702572	05/17/97	1620	Cornfield Site	<1		<1		5.35	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702573	05/17/97	1705	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702529	05/14/97	1430	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702530	05/14/97	1518	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702531	05/14/97	1654	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702532	05/14/97	1740	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702533	05/14/97	1828	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702534	05/14/97	1917	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702535	05/14/97	2004	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702536	05/14/97	2051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702537	05/14/97	2138	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702538	05/14/97	2313	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702539	05/15/97	0001	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702540	05/15/97	0050	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702541	05/15/97	0137	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702542	05/15/97	0224	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702543	05/15/97	0312	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702544	05/15/97	0400	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702545	05/16/97	1232	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702546	05/16/97	1321	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702547	05/16/97	1406	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702548	05/16/97	1528	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702549	05/16/97	1623	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702550	05/16/97	1708	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702551	05/16/97	1753	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702552	05/16/97	1838	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702553	05/16/97	1923	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702554	05/16/97	2007	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702555	05/16/97	2052	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702556	05/16/97	2137	Cornfield Site	1		<1		<1		<1		<1		<1		<1		<1		<1
9702557	05/16/97	2221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702558	05/16/97	2351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702559	05/17/97	0037	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702560	05/17/97	0122	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702561	05/17/97	0207	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702562	05/17/97	0251	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702563	05/16/97	2306	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702564	05/17/97	1014	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702565	05/17/97	1104	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702566	05/17/97	1149	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702567	05/17/97	1234	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702568	05/17/97	1319	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702569	05/17/97	1404	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702570	05/17/97	1450	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702571	05/17/97	1535	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702572	05/17/97	1620	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702573	05/17/97	1705	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702574	05/17/97	1750	Cornfield Site	12.8		1.93		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9702575	05/17/97	1836	Cornfield Site	12.9		1.97		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9702576	05/17/97	1936	Cornfield Site	13.4		2.06		2		<1		<1		<1		<1		<1		<1		<1		<1	
9702577	05/17/97	2021	Cornfield Site	12.9		1.98		2.29		<1		4.28		14.7	J	3.33	JQ	5.07		10.7	J	7.14	J	2.28	
9702578	05/17/97	2105	Cornfield Site	13		1.93		2.16		<1		<1		2.29	J	<1		<1		1.56	J	<1		<1	
9702579	05/17/97	2151	Cornfield Site	13.2		2.38		2.12		<1		1.18		2.19	J	<1		<1		1.49	J	<1		<1	
9702580	05/17/97	2236	Cornfield Site	13.3		2.52		2.32		<1		1.87		4.03	J	<1		1.01		2.93	J	1.76	J	1.07	
9702581	05/17/97	2321	Cornfield Site	13.3		1.95		2.26		<1		1.25		2.36	J	<1		<1		1.57	J	<1		<1	
9702582	05/18/97	0006	Cornfield Site	14.5		2.43		2.25		<1		1.78		3.74	J	<1		1.27		2.88	J	1.64	J	<1	
9702583	05/18/97	0051	Cornfield Site	13.9		2.22		2.19		<1		<1		1.64	J	<1		<1		1.12	J	<1		<1	
9702584	05/18/97	0136	Cornfield Site	11.9		1.21		2.19		<1		1.11		2.61	J	<1		<1		1.44	J	<1		<1	
9702585	05/18/97	1036	Cornfield Site	9.84		1.59	Q	1.74		<1		<1		2.68		<1		<1		<1		<1		<1	
9702586	05/18/97	1129	Cornfield Site	9.85		1.49	Q	1.75		<1		2.39		6.72		<1		<1		1.67		<1		<1	
9702587	05/18/97	1217	Cornfield Site	9.67		1.78	Q	1.77		<1		<1		1.29		<1		<1		<1		<1		<1	
9702588	05/18/97	1305	Cornfield Site	9.36		1.64	Q	1.8		<1		1.18		3.04		<1		<1		<1		<1		<1	
9702589	05/18/97	1354	Cornfield Site	10.1		1.64	Q	1.76		<1		<1		<1		<1		<1		<1		<1		<1	
9702590	05/18/97	1442	Cornfield Site	9.25		2	Q	1.79		<1		2.19		4.16		<1		<1		1.23		<1		<1	
9702591	05/18/97	1531	Cornfield Site	9.46		1.87	Q	1.83		<1		2.36		6.32		<1		<1		1.5		<1		<1	
9702592	05/18/97	1619	Cornfield Site	9.53		1.31	Q	1.85		<1		2.12		4.69		<1		<1		1.46		<1		<1	
9702593	05/18/97	1708	Cornfield Site	9.76		1.64	Q	1.86		<1		<1		1.99		<1		<1		<1		<1		<1	
9702594	05/18/97	1757	Cornfield Site	8.87		1.65	Q	1.78		<1		<1		3.03		<1		<1		<1		<1		<1	
9702595	05/18/97	1857	Cornfield Site	9.93		1.58	Q	1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9702596	05/18/97	1959	Cornfield Site	9.66		1.56	Q	1.77		<1		<1		1.03		<1		<1		<1		<1		<1	
9702597	05/18/97	2047	Cornfield Site	9.97		1.54	Q	1.77		<1		<1		1.72		<1		<1		<1		<1		<1	
9702598	05/18/97	2135	Cornfield Site	9.56		1.63	Q	1.72		<1		<1		1.44		<1		<1		<1		<1		<1	
9702599	05/18/97	2224	Cornfield Site	9.6		1.73	Q	1.82		<1		3.02		8.94		1.53		<1		3.32		<1		<1	
9702600	05/20/97	1121	Cornfield Site	12.5		2.21		<1		<1		2.99		1.23		<1		<1		<1		<1		<1	
9702601	05/20/97	1213	Cornfield Site	12.5		1.94		1.75		<1		1.91		1.06		<1		<1		<1		<1		<1	
9702602	05/20/97	1257	Cornfield Site	12.7		2.09		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702603	05/20/97	1342	Cornfield Site	13.4		2.18		1.88		<1		<1		<1		<1		<1		<1		<1		<1	
9702604	05/20/97	1426	Cornfield Site	13.2		2.19		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9702605	05/20/97	1511	Cornfield Site	12.8		1.95		1.92		<1		<1		<1		<1		<1		<1		<1		<1	
9702606	05/20/97	1556	Cornfield Site	13.2		2.2		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9702607	05/20/97	1640	Cornfield Site	13.7		2.14		1.98		<1		<1		<1		<1		<1		<1		<1		<1	
9702608	05/20/97	1725	Cornfield Site	13.3		2.15		2.07		<1		1.41		<1		<1		<1		<1		<1		<1	
9702609	05/20/97	1810	Cornfield Site	12		1.91		1.9		<1		1.73		<1		<1		<1		<1		<1		<1	
9702610	05/20/97	1854	Cornfield Site	13.8		1.89		1.97		<1		<1		<1		<1		<1		<1		<1		<1	
9702611	05/20/97	1939	Cornfield Site	13		2		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9702612	05/20/97	2024	Cornfield Site	13.3		1.73		1.93		<1		<1		1.08		<1		<1		<1		<1		<1	
9702613	05/20/97	2109	Cornfield Site	13.4		2.1		2.06		<1		<1		1.26		<1		<1		<1		<1		<1	
9702614	05/20/97	2157	Cornfield Site	12.6		1.95		2.28		<1		<1		<1		<1		<1		<1		<1		<1	
9702615	05/20/97	2302	Cornfield Site	12		1.77		2.31		<1		1.66		1.56		<1		<1		1.17	J	<1		<1	J
9702616	05/20/97	2349	Cornfield Site	12		2.07		2.26		<1		1.57		1.64		<1		<1		1.26	J	<1		<1	J
9702617	05/21/97	0036	Cornfield Site	11.8		1.91		2.26		<1		1.64		1.51		<1		<1		1.12	J	<1		<1	J
9702618	05/21/97	0123	Cornfield Site	13		2.02		2.3		<1		1.18		1.53		<1		<1		1.07	J	<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702574	05/17/97	1750	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702575	05/17/97	1836	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702576	05/17/97	1936	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702577	05/17/97	2021	Cornfield Site	<1		2.13	BJ	2.76	J	<1		<1		1.24	J	<1		<1		<1		<1		<1	
9702578	05/17/97	2105	Cornfield Site	<1		1.18	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702579	05/17/97	2151	Cornfield Site	<1		<1		3.76	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702580	05/17/97	2236	Cornfield Site	<1		1.25	BJ	1.43	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702581	05/17/97	2321	Cornfield Site	<1		1.33	BJ	1.08	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702582	05/18/97	0006	Cornfield Site	<1		1.24	BJ	1.44	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702583	05/18/97	0051	Cornfield Site	<1		1.22	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702584	05/18/97	0136	Cornfield Site	<1		1.16	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702585	05/18/97	1036	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702586	05/18/97	1129	Cornfield Site	<1		1.26	BJ	10.8		<1		<1		<1		<1		<1		<1		<1		<1	
9702587	05/18/97	1217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702588	05/18/97	1305	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702589	05/18/97	1354	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702590	05/18/97	1442	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702591	05/18/97	1531	Cornfield Site	<1		1.45	BJ	13.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702592	05/18/97	1619	Cornfield Site	<1		1.35	BJ	19.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702593	05/18/97	1708	Cornfield Site	<1		<1		2.76		<1		<1		<1		<1		<1		<1		<1		<1	
9702594	05/18/97	1757	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702595	05/18/97	1857	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702596	05/18/97	1959	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702597	05/18/97	2047	Cornfield Site	<1		<1		1.76		<1		<1		<1		<1		<1		<1		<1		<1	
9702598	05/18/97	2135	Cornfield Site	<1		<1		1.77		<1		<1		<1		<1		<1		<1		<1		<1	
9702599	05/18/97	2224	Cornfield Site	<1		1	BJ	47.3		<1		<1		<1		<1		<1		<1		<1		<1	
9702600	05/20/97	1121	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702601	05/20/97	1213	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702602	05/20/97	1257	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702603	05/20/97	1342	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702604	05/20/97	1426	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702605	05/20/97	1511	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702606	05/20/97	1556	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702607	05/20/97	1640	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702608	05/20/97	1725	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702609	05/20/97	1810	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702610	05/20/97	1854	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702611	05/20/97	1939	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702612	05/20/97	2024	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702613	05/20/97	2109	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702614	05/20/97	2157	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702615	05/20/97	2302	Cornfield Site	1.29	J	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702616	05/20/97	2349	Cornfield Site	1.37	J	1.95	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702617	05/21/97	0036	Cornfield Site	1.01	J	2.24	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702618	05/21/97	0123	Cornfield Site	<1		2.22	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702574	05/17/97	1750	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702575	05/17/97	1836	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702576	05/17/97	1936	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702577	05/17/97	2021	Cornfield Site	6.87	J	<1		<1		<1		<1		<1		<1		<1		<1
9702578	05/17/97	2105	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702579	05/17/97	2151	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702580	05/17/97	2236	Cornfield Site	1.6	J	<1		<1		<1		<1		<1		<1		<1		<1
9702581	05/17/97	2321	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702582	05/18/97	0006	Cornfield Site	1.5	J	<1		<1		<1		<1		<1		<1		<1		<1
9702583	05/18/97	0051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702584	05/18/97	0136	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702585	05/18/97	1036	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702586	05/18/97	1129	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702587	05/18/97	1217	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702588	05/18/97	1305	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702589	05/18/97	1354	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		1.47		<1
9702590	05/18/97	1442	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702591	05/18/97	1531	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		2.09		<1
9702592	05/18/97	1619	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702593	05/18/97	1708	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702594	05/18/97	1757	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702595	05/18/97	1857	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702596	05/18/97	1959	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702597	05/18/97	2047	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702598	05/18/97	2135	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702599	05/18/97	2224	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		2.35		<1
9702600	05/20/97	1121	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702601	05/20/97	1213	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702602	05/20/97	1257	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702603	05/20/97	1342	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702604	05/20/97	1426	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702605	05/20/97	1511	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702606	05/20/97	1556	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702607	05/20/97	1640	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702608	05/20/97	1725	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702609	05/20/97	1810	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702610	05/20/97	1854	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702611	05/20/97	1939	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702612	05/20/97	2024	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702613	05/20/97	2109	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702614	05/20/97	2157	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702615	05/20/97	2302	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702616	05/20/97	2349	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702617	05/21/97	0036	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702618	05/21/97	0123	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702619	05/21/97	0210	Cornfield Site	12.9		2.38		2.42		<1		1.01		1.03		<1		<1		<1		<1		<1	
9702620	05/21/97	0255	Cornfield Site	12.8		2.86		2.29		<1		1.11		1.88		<1		<1		<1		<1		<1	
9702621	05/21/97	0342	Cornfield Site	12.7		2.06		2.23		<1		1.36		1.83		<1		<1		1.18	J	<1		<1	
9702622	05/21/97	0429	Cornfield Site	12.7		2.4		2.33		<1		8.83		2.53		1.22	J	1.09	J	3.27	J	<1		<1	
9702623	05/21/97	1450	Cornfield Site	11.2		1.95		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9702624	05/21/97	1552	Cornfield Site	12.1		1.93		2.1		<1		1.13		<1		<1		<1		<1		<1		<1	
9702632	05/21/97	1638	Cornfield Site	11.2		1.86		2.06		<1		<1		<1		<1		<1		<1		<1		<1	
9702633	05/21/97	1724	Cornfield Site	11.7		1.93		2.15		<1		<1		<1		<1		<1		<1		<1		<1	
9702634	05/21/97	1810	Cornfield Site	11.3		1.82		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9702635	05/21/97	1855	Cornfield Site	11.1		1.68		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9702636	05/21/97	1942	Cornfield Site	10.7		1.7		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9702637	05/21/97	2031	Cornfield Site	10.7		1.79		2.03		<1		1.22		1.09		<1		<1		<1		<1		<1	
9702638	05/21/97	2119	Cornfield Site	16.6		1.81		<1		<1		<1		2.55		<1		1	J	2.54	J	1.28	J	<1	
9702639	05/21/97	2204	Cornfield Site	14.3		1.94		1.9		<1		1.41		2.86		<1		<1		2.24	J	<1		<1	
9702640	05/21/97	2249	Cornfield Site	13.5		2.05		1.19		<1		1.8		2.68		<1		<1		2.14	J	1.01	J	<1	
9702641	05/21/97	2334	Cornfield Site	20.1		1.77		<1		<1		2.23		2.12		<1		<1		1.71	J	<1		<1	
9702642	05/22/97	0019	Cornfield Site	16.5		<1		2.04		<1		2.69		2.15		<1		<1		1.65	J	<1		<1	
9702643	05/22/97	0103	Cornfield Site	16.6		<1		1.84		<1		2.65		2.74		<1		<1		1.8	J	<1		<1	
9702644	05/22/97	0148	Cornfield Site	15.4		<1		2.09		<1		1.4		1.88		<1		<1		1.24	J	<1		<1	
9702645	05/22/97	0233	Cornfield Site	16.9		<1		1.99		<1		2.01		1.83		<1		<1		1.13	J	<1		<1	
9702646	05/22/97	0318	Cornfield Site	16.8		1.25		1.8		<1		2.82		4.07		<1		<1		1.83	J	<1		<1	
9702647	05/22/97	0403	Cornfield Site	18.4		<1		1.75		<1		2.48		2.13		<1		<1		1.32	J	<1		<1	
9702648	05/22/97	0448	Cornfield Site	15.6		<1		1.94		<1		<1		3.4		1.46	J	<1		3.82	J	<1		<1	
9702649	05/22/97	1120	Cornfield Site	13.1	J	1.63		<1		<1		1.1		<1		<1		<1		<1		<1		<1	
9702650	05/22/97	1221	Cornfield Site	13.6	J	1.79		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702651	05/22/97	1306	Cornfield Site	13.6	J	2.04		1.89		<1		1.15		<1		<1		<1		<1		<1		<1	
9702652	05/22/97	1351	Cornfield Site	14	J	1.73		1.98		<1		<1		<1		<1		<1		<1		<1		<1	
9702653	05/22/97	1435	Cornfield Site	13.8	J	1.87		1.9		<1		<1		<1		<1		<1		<1		<1		<1	
9702654	05/22/97	1520	Cornfield Site	13.3	J	1.86		1.86		<1		<1		<1		<1		<1		<1		<1		<1	
9702656	05/22/97	1653	Cornfield Site	12.4	J	1.86		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702657	05/22/97	1739	Cornfield Site	12.2	J	1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702658	05/22/97	1825	Cornfield Site	11.8	J	1.95		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702659	05/22/97	1912	Cornfield Site	12.4	J	1.98		<1		<1		1.2		1.91		<1		<1		1.03		<1		<1	
9702660	05/22/97	2001	Cornfield Site	12.4	J	2.19		<1		<1		1.88		3.46		<1		<1		2.21		<1		<1	
9702661	05/22/97	2050	Cornfield Site	11.7	J	1.8		<1		<1		2.52		6.44		1.54		1.68		4.32		1.36		<1	
9702662	05/22/97	2139	Cornfield Site	11.7	J	2.28		<1		<1		3.86		6.03		3.85		1.48		4.06		1.31		<1	
9702663	05/22/97	2228	Cornfield Site	12	J	<1		<1		<1		<1		3.26		<1		1.09		2.22		<1		<1	
9702664	05/22/97	2315	Cornfield Site	13	J	2.18		<1		<1		1.63		1.92		<1		<1		1.66		<1		<1	
9702665	05/23/97	0004	Cornfield Site	13.6	J	2.1		<1		<1		1.45		2.36		2.2		<1		2.22		<1		<1	
9702666	05/23/97	0053	Cornfield Site	12.6	J	2.17		<1		<1		1.55		3		1.7		<1		1.71		<1		<1	
9702667	05/23/97	0142	Cornfield Site	<1		<1		<1		<1		<1		1.88		1.15		<1		1.15		<1		<1	
9702668	05/23/97	0231	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702728	05/23/97	0821	Cornfield Site	10.2	J	1.91		<1		<1		1.52		2.33		2.05		<1		2.12		<1		1.19	
9702729	05/23/97	1324	Cornfield Site	9.22		1.77		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702730	05/23/97	1416	Cornfield Site	10.3		1.72		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702619	05/21/97	0210	Cornfield Site	<1		1.28	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702620	05/21/97	0255	Cornfield Site	<1		1.32	J	1.69	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702621	05/21/97	0342	Cornfield Site	<1		2.18	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702622	05/21/97	0429	Cornfield Site	<1		3.09	J	1.27	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702623	05/21/97	1450	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702624	05/21/97	1552	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702632	05/21/97	1638	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702633	05/21/97	1724	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702634	05/21/97	1810	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702635	05/21/97	1855	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702636	05/21/97	1942	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702637	05/21/97	2031	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702638	05/21/97	2119	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702639	05/21/97	2204	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702640	05/21/97	2249	Cornfield Site	<1		1.42	J	1.42	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702641	05/21/97	2334	Cornfield Site	<1		2.15	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702642	05/22/97	0019	Cornfield Site	<1		3.51	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702643	05/22/97	0103	Cornfield Site	<1		6.61	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702644	05/22/97	0148	Cornfield Site	<1		5.19	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702645	05/22/97	0233	Cornfield Site	<1		3.69	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702646	05/22/97	0318	Cornfield Site	<1		2.57	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702647	05/22/97	0403	Cornfield Site	<1		2.93	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702648	05/22/97	0448	Cornfield Site	<1		3.9	J	1.59	J	<1		<1		<1		<1		<1		<1		<1		<1	
9702649	05/22/97	1120	Cornfield Site	<1		1.11	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702650	05/22/97	1221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702651	05/22/97	1306	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702652	05/22/97	1351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702653	05/22/97	1435	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702654	05/22/97	1520	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702656	05/22/97	1653	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702657	05/22/97	1739	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702658	05/22/97	1825	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702659	05/22/97	1912	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702660	05/22/97	2001	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702661	05/22/97	2050	Cornfield Site	<1		1.08	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702662	05/22/97	2139	Cornfield Site	<1		1.73	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702663	05/22/97	2228	Cornfield Site	<1		1.99	J	4.85		<1		<1		<1		<1		<1		<1		<1		<1	
9702664	05/22/97	2315	Cornfield Site	<1		1.11	J	1.24		<1		<1		<1		<1		<1		<1		<1		<1	
9702665	05/23/97	0004	Cornfield Site	<1		2.16	J	1.23		<1		<1		<1		<1		<1		<1		<1		<1	
9702666	05/23/97	0053	Cornfield Site	<1		2.88	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702667	05/23/97	0142	Cornfield Site	<1		3.36	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702668	05/23/97	0231	Cornfield Site	<1		1.7	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702728	05/23/97	0821	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702729	05/23/97	1324	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702730	05/23/97	1416	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702619	05/21/97	0210	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702620	05/21/97	0255	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702621	05/21/97	0342	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702622	05/21/97	0429	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702623	05/21/97	1450	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702624	05/21/97	1552	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702632	05/21/97	1638	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702633	05/21/97	1724	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702634	05/21/97	1810	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702635	05/21/97	1855	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702636	05/21/97	1942	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702637	05/21/97	2031	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702638	05/21/97	2119	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702639	05/21/97	2204	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702640	05/21/97	2249	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702641	05/21/97	2334	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702642	05/22/97	0019	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702643	05/22/97	0103	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702644	05/22/97	0148	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702645	05/22/97	0233	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702646	05/22/97	0318	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702647	05/22/97	0403	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702648	05/22/97	0448	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702649	05/22/97	1120	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702650	05/22/97	1221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702651	05/22/97	1306	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702652	05/22/97	1351	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702653	05/22/97	1435	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702654	05/22/97	1520	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702656	05/22/97	1653	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702657	05/22/97	1739	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702658	05/22/97	1825	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702659	05/22/97	1912	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702660	05/22/97	2001	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702661	05/22/97	2050	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702662	05/22/97	2139	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702663	05/22/97	2228	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702664	05/22/97	2315	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702665	05/23/97	0004	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702666	05/23/97	0053	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702667	05/23/97	0142	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702668	05/23/97	0231	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702728	05/23/97	0821	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702729	05/23/97	1324	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702730	05/23/97	1416	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702731	05/23/97	1503	Cornfield Site	11.1		1.73		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702732	05/23/97	1550	Cornfield Site	10.5		1.75		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702733	05/23/97	1640	Cornfield Site	9.72		1.7		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702734	05/23/97	1730	Cornfield Site	10.1		1.63		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702735	05/23/97	1827	Cornfield Site	12.5		2.17		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702736	05/23/97	1915	Cornfield Site	12.4		2.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702737	05/23/97	2000	Cornfield Site	13.3		2.61		<1		<1		<1		1.38		1.19		<1		1.14		<1		<1	
9702738	05/23/97	2045	Cornfield Site	13.8		2.02		<1		<1		1.99		4.78		4.97		2.08		5.17		3		1.43	
9702739	05/23/97	2130	Cornfield Site	12.9		1.72		<1		<1		1.41		2.62		<1		<1		2.55		1.34		<1	
9702740	05/23/97	2215	Cornfield Site	13.8		2.08		<1		<1		2.02		3.67		3.4		1.3		3.57		1.68		<1	
9702741	05/23/97	2300	Cornfield Site	15		2.37		<1		<1		2.82		4.78		3.96		1.57		4.08		2.03		1.13	
9702742	05/23/97	2345	Cornfield Site	13.6		2.38		<1		<1		2.23		3.41		2.62		1.05		2.73		1.42		<1	
9702743	05/24/97	0030	Cornfield Site	12.8		2.56		<1		<1		2.49		4.46		3.6		1.45		3.73		1.8		1.01	
9702744	05/24/97	0115	Cornfield Site	14.7		2.02		<1		<1		2.81		4.86		1.22		1.56		4.25		1.94		1	
9702745	05/24/97	0200	Cornfield Site	11.7		1.87		<1		<1		3.7		6.52		4.99		1.95		5.25		2.49		1.26	
9702746	05/24/97	0245	Cornfield Site	14.3		7.7		<1		<1		4.54		9.48		1.83		2.31		6.24		3.15		<1	
9702747	05/24/97	0330	Cornfield Site	14.4		5.11		<1		<1		3.7		7.02		4.79		1.85		5.03		2.64		<1	
9702748	05/24/97	0415	Cornfield Site	12.3		2.26		<1		<1		2.82		5.07		4.1		1.58		4.31		2.27		1.19	
9702749	05/24/97	0500	Cornfield Site	14		1.39		<1		<1		2.49		4.72		1.2		1.49		3.97		2.12		<1	
9702750	05/24/97	0545	Cornfield Site	14.4		2.52		<1		<1		2.69		4.6		3.97		1.51		4.17		2.15		1.12	
9702751	05/24/97	0630	Cornfield Site	11.7		3.15		<1		<1		3.1		5.54		1.4		1.72		4.76		2.47		1.37	
9702752	05/24/97	0715	Cornfield Site	14.3		2.41		<1		<1		2.14		3.69		2.7		1.11		2.86		1.53		<1	
9702753	05/24/97	1144	Cornfield Site	12.5		2.42	J	<1		<1		1		1.42		<1		<1		<1		<1		<1	
9702754	05/24/97	1318	Cornfield Site	12		1.92	J	<1		<1		1.38		3.37		1.24		<1		1.29		<1		<1	
9702755	05/24/97	1448	Cornfield Site	12.2		2.22	J	<1		<1		1.76		5.16		2		<1		2.08		1.4		<1	
9702756	05/24/97	1755	Cornfield Site	10.9		2.31	J	<1		<1		3.35		8.8		3.25		<1		3.35		1.01		<1	
9702757	05/24/97	1838	Cornfield Site	12.4		2.23	J	<1		<1		2.08		5.29		2.47		<1		2.57		1.55		<1	
9702758	05/24/97	1922	Cornfield Site	12.7		2.27	J	<1		<1		1.11		2.45		1.28		<1		1.26		<1		<1	
9702759	05/24/97	2007	Cornfield Site	13		2.26	J	<1		<1		<1		1.13		<1		<1		<1		<1		<1	
9702760	05/24/97	2051	Cornfield Site	12.8		2.27	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702761	05/24/97	2136	Cornfield Site	12.9		2.34	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702762	05/24/97	2221	Cornfield Site	12.5		2.2	J	<1		<1		1.05		1.49		1.3		<1		1.3		<1		<1	
9702763	05/24/97	2308	Cornfield Site	13.8		2.39	J	<1		<1		<1		1.32		1.06		<1		<1		<1		<1	
9702764	05/24/97	2355	Cornfield Site	13.8		2.56	J	<1		<1		1.5		4.18		1.23		<1		2.47		<1		<1	
9702765	05/25/97	0039	Cornfield Site	12.1		2.46	J	<1		<1		<1		1.73		<1		<1		<1		<1		<1	
9702766	05/25/97	0125	Cornfield Site	12.6		2.36	J	<1		<1		<1		1		<1		<1		<1		<1		<1	
9702767	05/25/97	0212	Cornfield Site	13		2.38	J	<1		<1		1.02		2.14		1.05		<1		1.02		<1		<1	
9702768	05/25/97	0257	Cornfield Site	12.8		2.28	J	<1		<1		1.01		1.91		1.23		<1		1.21		<1		<1	
9702769	05/25/97	0344	Cornfield Site	11.9		2.53	J	<1		<1		1.37		4		<1		<1		2.06		<1		<1	
9702770	05/25/97	0431	Cornfield Site	11.9		2.21	J	<1		<1		2.49		7.07		4.73		1.52		9.51		1.42		<1	
9702771	05/25/97	0518	Cornfield Site	<1		2.28	J	<1		<1		1.99		6.05		1.06		<1		2.51		1		<1	
9702772	05/25/97	0606	Cornfield Site	11.8		2.45	J	<1		<1		2.29		5.88		1.39		<1		3.17		1.27		<1	
9702773	05/25/97	0654	Cornfield Site	12.4		2.18	J	<1		<1		<1		1.56		<1		<1		<1		<1		<1	
9702774	05/25/97	0741	Cornfield Site	12.3		2.34	J	<1		<1		<1		1.04		<1		<1		<1		<1		<1	
9702775	05/25/97	0829	Cornfield Site	13		2.47	J	<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702731	05/23/97	1503	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702732	05/23/97	1550	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702733	05/23/97	1640	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702734	05/23/97	1730	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702735	05/23/97	1827	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702736	05/23/97	1915	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702737	05/23/97	2000	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702738	05/23/97	2045	Cornfield Site	<1		1.03		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702739	05/23/97	2130	Cornfield Site	<1		1.33		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702740	05/23/97	2215	Cornfield Site	<1		2.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702741	05/23/97	2300	Cornfield Site	<1		2.51		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702742	05/23/97	2345	Cornfield Site	<1		2.26		1.65		<1		<1		<1		<1		<1		<1		<1		<1	
9702743	05/24/97	0030	Cornfield Site	<1		2.41		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702744	05/24/97	0115	Cornfield Site	<1		3.22		2.43		<1		<1		<1		<1		<1		<1		<1		<1	
9702745	05/24/97	0200	Cornfield Site	<1		3.1		1.31		<1		<1		<1		<1		<1		<1		<1		<1	
9702746	05/24/97	0245	Cornfield Site	<1		5.79		3.8		<1		<1		<1		<1		<1		<1		<1		<1	
9702747	05/24/97	0330	Cornfield Site	<1		5.73		3.39		<1		<1		<1		<1		<1		<1		<1		<1	
9702748	05/24/97	0415	Cornfield Site	<1		4.23		1.72		<1		<1		<1		<1		<1		<1		<1		<1	
9702749	05/24/97	0500	Cornfield Site	<1		3.67		1.21		<1		<1		<1		<1		<1		<1		<1		<1	
9702750	05/24/97	0545	Cornfield Site	<1		3.39		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702751	05/24/97	0630	Cornfield Site	<1		3.01		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702752	05/24/97	0715	Cornfield Site	<1		2.11		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702753	05/24/97	1144	Cornfield Site	<1		<1		3.59		<1		<1		<1		<1		<1		<1		<1		<1	
9702754	05/24/97	1318	Cornfield Site	<1		<1		11.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702755	05/24/97	1448	Cornfield Site	<1		1.64	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702756	05/24/97	1755	Cornfield Site	<1		2.44	B	35.2		<1		<1		<1		<1		<1		<1		1.69		<1	
9702757	05/24/97	1838	Cornfield Site	<1		5.2	B	2.86		<1		<1		<1		<1		<1		<1		1.09		<1	
9702758	05/24/97	1922	Cornfield Site	<1		2.81	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702759	05/24/97	2007	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702760	05/24/97	2051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702761	05/24/97	2136	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702762	05/24/97	2221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702763	05/24/97	2308	Cornfield Site	<1		1.24	B	1.76		<1		<1		<1		<1		<1		<1		<1		<1	
9702764	05/24/97	2355	Cornfield Site	<1		1.53	B	10		<1		<1		<1		<1		<1		<1		<1		<1	
9702765	05/25/97	0039	Cornfield Site	<1		1.32	B	1.5		<1		<1		<1		<1		<1		<1		<1		<1	
9702766	05/25/97	0125	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702767	05/25/97	0212	Cornfield Site	<1		<1		2.6		<1		<1		<1		<1		<1		<1		<1		<1	
9702768	05/25/97	0257	Cornfield Site	<1		<1		3.01		<1		<1		<1		<1		<1		<1		<1		<1	
9702769	05/25/97	0344	Cornfield Site	<1		1.17	B	6.92		<1		<1		<1		<1		<1		<1		<1		<1	
9702770	05/25/97	0431	Cornfield Site	<1		2.79	B	15		<1		<1		<1		<1		<1		<1		<1		<1	
9702771	05/25/97	0518	Cornfield Site	<1		2.92	B	12.1		<1		<1		<1		<1		<1		<1		<1		<1	
9702772	05/25/97	0606	Cornfield Site	<1		4.07	B	15.6		<1		<1		<1		<1		<1		<1		<1		<1	
9702773	05/25/97	0654	Cornfield Site	<1		1.88	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702774	05/25/97	0741	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702775	05/25/97	0829	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702731	05/23/97	1503	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702732	05/23/97	1550	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702733	05/23/97	1640	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702734	05/23/97	1730	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702735	05/23/97	1827	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702736	05/23/97	1915	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702737	05/23/97	2000	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702738	05/23/97	2045	Cornfield Site	2.51		<1		<1		<1		<1		<1		<1		<1		<1
9702739	05/23/97	2130	Cornfield Site	1.12		<1		<1		<1		<1		<1		<1		<1		<1
9702740	05/23/97	2215	Cornfield Site	1.41		<1		<1		<1		<1		<1		<1		<1		<1
9702741	05/23/97	2300	Cornfield Site	1.7		<1		<1		<1		<1		<1		<1		<1		<1
9702742	05/23/97	2345	Cornfield Site	1.19		<1		<1		<1		<1		<1		<1		<1		<1
9702743	05/24/97	0030	Cornfield Site	1.51		<1		<1		<1		<1		<1		<1		<1		<1
9702744	05/24/97	0115	Cornfield Site	1.63		<1		<1		<1		<1		<1		<1		<1		<1
9702745	05/24/97	0200	Cornfield Site	<1		<1		<1		<1		<1		<1		2.08		<1		<1
9702746	05/24/97	0245	Cornfield Site	2.64		<1		<1		<1		<1		<1		<1		<1		<1
9702747	05/24/97	0330	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702748	05/24/97	0415	Cornfield Site	1.9		<1		<1		<1		<1		<1		<1		<1		<1
9702749	05/24/97	0500	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702750	05/24/97	0545	Cornfield Site	1.8		<1		<1		<1		<1		<1		<1		<1		<1
9702751	05/24/97	0630	Cornfield Site	2.07		<1		<1		<1		<1		<1		<1		<1		<1
9702752	05/24/97	0715	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702753	05/24/97	1144	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702754	05/24/97	1318	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702755	05/24/97	1448	Cornfield Site	1.17		<1		<1		<1		<1		<1		<1		<1		<1
9702756	05/24/97	1755	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702757	05/24/97	1838	Cornfield Site	1.3		<1		<1		<1		<1		<1		<1		<1		<1
9702758	05/24/97	1922	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702759	05/24/97	2007	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702760	05/24/97	2051	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702761	05/24/97	2136	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702762	05/24/97	2221	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702763	05/24/97	2308	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702764	05/24/97	2355	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702765	05/25/97	0039	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702766	05/25/97	0125	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702767	05/25/97	0212	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702768	05/25/97	0257	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702769	05/25/97	0344	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702770	05/25/97	0431	Cornfield Site	<1		<1		<1		<1		<1		<1		1.19		<1		<1
9702771	05/25/97	0518	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702772	05/25/97	0606	Cornfield Site	1.07		<1		<1		<1		<1		<1		<1		<1		<1
9702773	05/25/97	0654	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702774	05/25/97	0741	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702775	05/25/97	0829	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9702776	05/25/97	1242	Cornfield Site	12.9		2.41		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702777	05/25/97	1322	Cornfield Site	12.6		2.14		<1		<1		3.13		9.18		3.2		1.14		3.24		1.89		<1	
9702778	05/25/97	1411	Cornfield Site	10.6		2.04		<1		<1		2.09		5.47		2.5		<1		2.52		1.78		<1	
9702779	05/25/97	1457	Cornfield Site	12.1		2.07		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702780	05/25/97	1548	Cornfield Site	10		1.92		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702781	05/25/97	1643	Cornfield Site	13.6		2.6		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702782	05/25/97	1729	Cornfield Site	12		2.23		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702783	05/25/97	1816	Cornfield Site	13.1		2.49		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702784	05/25/97	1902	Cornfield Site	13.1		2.51		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702785	05/25/97	1949	Cornfield Site	13.2		2.34		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702786	05/25/97	2035	Cornfield Site	13.4		2.46		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702787	05/25/97	2121	Cornfield Site	13.7		2.47		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702788	05/25/97	2207	Cornfield Site	13.2		2.48		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702789	05/25/97	2254	Cornfield Site	13.7		2.59		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702790	05/25/97	2339	Cornfield Site	13.7		2.54		<1		<1		1.39		1.14		<1		<1		<1		<1		<1	
9702791	05/26/97	0025	Cornfield Site	12.7		2.4		<1		<1		7.89		9.21		1.58		1.78		4.89		1.43		<1	
9702792	05/26/97	0111	Cornfield Site	13.4		2.46		<1		<1		3.16		4.46		2.63		<1		2.69		1.03		<1	
9702793	05/26/97	0156	Cornfield Site	13.7		2.52		<1		<1		4.44		5.93		1.09		1.22		3.35		1.03		<1	
9702794	05/26/97	0241	Cornfield Site	13.5		2.16		<1		<1		<1		1.2		<1		<1		<1		<1		<1	
9702795	05/26/97	0327	Cornfield Site	13.4		2.25		<1		<1		1.15		1.65		<1		<1		<1		<1		<1	
9702796	05/26/97	0412	Cornfield Site	12.9		2.54		<1		<1		<1		1.36		<1		<1		<1		<1		<1	
9702797	05/26/97	0458	Cornfield Site	12.2		2.22		<1		<1		5.43		7.06		1.18		1.29		3.45		<1		<1	
9702798	05/26/97	0545	Cornfield Site	12		2.21		<1		<1		10.3		10.5		1.61		1.87		4.88		<1		<1	
9702799	05/26/97	0815	Cornfield Site	13.8		2.29		<1		<1		<1		1.28		<1		<1		<1		<1		<1	
9702800	05/26/97	0859	Cornfield Site	<1		1.79		<1		<1		<1		1.15		<1		<1		<1		<1		<1	
			Min	**4.84**		**1.01**		**1.19**		**1.19**		**1**		**1**		**1.03**		**1**		**1.01**		**1**		**1**	
			MAX	**20.1**		**7.7**		**5.91**		**1.97**		**10.3**		**19.1**		**15.2**		**5.07**		**26.1**		**7.14**		**2.28**	
			Count	**395**		**351**		**291**		**2**		**155**		**224**		**76**		**39**		**147**		**51**		**12**	
9703107	05/30/97	2131	Southpoint Ethanol Site	9.76		1.57		<1		<1		3.38		6.1		1.29		1.54		3.95		2.02		<1	
9703108	05/30/97	2225	Southpoint Ethanol Site	10.4		1.6		<1		<1		2.47		4.94		1.08		1.31		3.46		1.73		<1	
9703109	05/30/97	2314	Southpoint Ethanol Site	10.2		1.45		<1		<1		18.3		24.6		3.34		3.65		10.4		3.29		<1	
9703110	05/31/97	0002	Southpoint Ethanol Site	11.6		1.51		<1		<1		67.7		85.7		9.41		10.7		29.3		6.81		2.04	
9703111	05/31/97	0051	Southpoint Ethanol Site	11.2		1.39		<1		<1		24		29.2		3.67		4.05		10.9		3.47		<1	
9703112	05/31/97	0140	Southpoint Ethanol Site	11.3		1.55		<1		<1		8.01		12.7		1.93		2.24		6.03		2.64		<1	
9703113	05/31/97	0229	Southpoint Ethanol Site	11.1		1.5		<1		<1		4.67		8.83		1.67		2.01		5.45		2.61		<1	
9703114	05/31/97	0318	Southpoint Ethanol Site	11.4		1.41		<1		<1		3.24		6.26		3.93		1.56		4.21		2.05		<1	
9703115	05/31/97	0406	Southpoint Ethanol Site	12		1.59		<1		<1		4.14		8.41		6.73		2.42		7.53		2.62		<1	
9703116	05/31/97	0455	Southpoint Ethanol Site	11		1.42		<1		<1		2.7		6.67		2.02		2.16		6.06		2.28		<1	
9703117	05/31/97	0544	Southpoint Ethanol Site	11.7		1.54		<1		<1		2.09		4.77		1.2		1.35		4.01		1.79		<1	
9703118	05/31/97	0632	Southpoint Ethanol Site	10.8		1.66		<1		<1		3.29		5.75		1.2		1.37		3.83		1.61		<1	
9703119	05/31/97	0914	Southpoint Ethanol Site	13.6		<1		<1		<1		2.97		4.94		4.87		2.05		5.1		2.83		1.09	
9703120	05/31/97	1141	Southpoint Ethanol Site	13.4		<1		<1		<1		2.88		4.6		15.1		7.82		38.1		1.87		<1	
9703121	05/31/97	1235	Southpoint Ethanol Site	13.9		2.36		<1		<1		2.19		3.28		1.94		1.49		5.23		1.14		<1	
9703122	05/31/97	1319	Southpoint Ethanol Site	13.2		2.62		<1		<1		1.02		1.5		<1		<1		1.64		<1		<1	
9703123	05/31/97	1403	Southpoint Ethanol Site	12.2		2.13		<1		<1		3.26		4.57		1.02		1.21		3.25		1.08		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Propylbenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9702776	05/25/97	1242	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702777	05/25/97	1322	Cornfield Site	<1		3.41	BJ	6.82		<1		<1		<1		<1		<1		<1		<1		<1	
9702778	05/25/97	1411	Cornfield Site	<1		6	BJ	18.4		<1		<1		<1		<1		<1		<1		<1		<1	
9702779	05/25/97	1457	Cornfield Site	<1		2.73	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702780	05/25/97	1548	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702781	05/25/97	1643	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702782	05/25/97	1729	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702783	05/25/97	1816	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702784	05/25/97	1902	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702785	05/25/97	1949	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702786	05/25/97	2035	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702787	05/25/97	2121	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702788	05/25/97	2207	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702789	05/25/97	2254	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702790	05/25/97	2339	Cornfield Site	<1		2.73	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702791	05/26/97	0025	Cornfield Site	<1		4.38	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702792	05/26/97	0111	Cornfield Site	<1		2.14	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702793	05/26/97	0156	Cornfield Site	<1		1.32	BJ	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702794	05/26/97	0241	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702795	05/26/97	0327	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702796	05/26/97	0412	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702797	05/26/97	0458	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702798	05/26/97	0545	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702799	05/26/97	0815	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9702800	05/26/97	0859	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
			Min	**1.01**		**1**		**1.03**		**0**		**1.36**		**1.24**		**1**		**0**		**1.5**		**1.05**		**0**	
			MAX	**6.41**		**13**		**47.3**		**0**		**1.79**		**1.24**		**3.08**		**0**		**1.5**		**1.69**		**0**	
			Count	**15**		**122**		**88**		**0**		**2**		**1**		**8**		**0**		**1**		**6**		**0**	
9703107	05/30/97	2131	Southpoint Ethanol Site	<1		1.54		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703108	05/30/97	2225	Southpoint Ethanol Site	<1		1.55		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703109	05/30/97	2314	Southpoint Ethanol Site	<1		1.7		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703110	05/31/97	0002	Southpoint Ethanol Site	<1		17.4		1.46		<1		<1		1.5		<1		<1		<1		<1		<1	
9703111	05/31/97	0051	Southpoint Ethanol Site	<1		14.4		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703112	05/31/97	0140	Southpoint Ethanol Site	<1		11.9		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703113	05/31/97	0229	Southpoint Ethanol Site	<1		8.74		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703114	05/31/97	0318	Southpoint Ethanol Site	<1		4.36		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703115	05/31/97	0406	Southpoint Ethanol Site	<1		3.36		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703116	05/31/97	0455	Southpoint Ethanol Site	<1		2.59		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703117	05/31/97	0544	Southpoint Ethanol Site	<1		2.09		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703118	05/31/97	0632	Southpoint Ethanol Site	<1		1.81		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703119	05/31/97	0914	Southpoint Ethanol Site	<1		3.22	B	<1		<1		<1		<1		<1		1.25		1.63		<1		<1	
9703120	05/31/97	1141	Southpoint Ethanol Site	<1		1.28	B	11.3		<1		<1		<1		<1		<1		<1		1.33		<1	
9703121	05/31/97	1235	Southpoint Ethanol Site	<1		1.16	B	1.24		<1		<1		<1		<1		<1		<1		<1		<1	
9703122	05/31/97	1319	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703123	05/31/97	1403	Southpoint Ethanol Site	<1		1.03	B	<1		<1		<1		<1		<1		<1		<1		4.32		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9702776	05/25/97	1242	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702777	05/25/97	1322	Cornfield Site	<1		<1		<1		<1		<1		<1		1.58		<1		<1
9702778	05/25/97	1411	Cornfield Site	1.49		<1		<1		<1		<1		<1		<1		<1		<1
9702779	05/25/97	1457	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702780	05/25/97	1548	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702781	05/25/97	1643	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702782	05/25/97	1729	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702783	05/25/97	1816	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702784	05/25/97	1902	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702785	05/25/97	1949	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702786	05/25/97	2035	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702787	05/25/97	2121	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702788	05/25/97	2207	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702789	05/25/97	2254	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702790	05/25/97	2339	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702791	05/26/97	0025	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702792	05/26/97	0111	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702793	05/26/97	0156	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702794	05/26/97	0241	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702795	05/26/97	0327	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702796	05/26/97	0412	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702797	05/26/97	0458	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702798	05/26/97	0545	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702799	05/26/97	0815	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9702800	05/26/97	0859	Cornfield Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
			Min	**1**		**0**		**0**		**0**		**0**		**0**		**1.19**		**1.47**		**0**
			MAX	**6.87**		**0**		**0**		**0**		**0**		**0**		**2.08**		**2.35**		**0**
			Count	**27**		**0**		**0**		**0**		**0**		**0**		**3**		**4**		**0**
9703107	05/30/97	2131	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703108	05/30/97	2225	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703109	05/30/97	2314	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703110	05/31/97	0002	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703111	05/31/97	0051	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703112	05/31/97	0140	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703113	05/31/97	0229	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703114	05/31/97	0318	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703115	05/31/97	0406	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703116	05/31/97	0455	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703117	05/31/97	0544	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703118	05/31/97	0632	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703119	05/31/97	0914	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		1.19		<1		1.02
9703120	05/31/97	1141	Southpoint Ethanol Site	1.56		<1		<1		<1		<1		<1		<1		<1		<1
9703121	05/31/97	1235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703122	05/31/97	1319	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703123	05/31/97	1403	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichtrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703124	05/31/97	1447	Southpoint Ethanol Site	13.1		2.38		<1		<1		1.46		1.56		<1		<1		<1		<1		<1	
9703125	05/31/97	1532	Southpoint Ethanol Site	12.7		2.47		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703126	05/31/97	1616	Southpoint Ethanol Site	12.2		2.32		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703127	05/31/97	1700	Southpoint Ethanol Site	12.3		2.37		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703128	05/31/97	1744	Southpoint Ethanol Site	12.7		2.45		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703129	05/31/97	1835	Southpoint Ethanol Site	13.1		2.55		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703130	06/01/97	1143	Southpoint Ethanol Site	13.5		2.54		<1		<1		1.14		1.07		<1		<1		<1		<1		<1	
9703131	06/01/97	1315	Southpoint Ethanol Site	13		2.52		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703132	06/01/97	1409	Southpoint Ethanol Site	13.9		2.71		<1		<1		2.06		3.12		1.88		<1		1.92		<1		<1	
9703133	06/01/97	1454	Southpoint Ethanol Site	14.2		2.66		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703134	06/01/97	1541	Southpoint Ethanol Site	13.6		2.72		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703135	06/01/97	1628	Southpoint Ethanol Site	11.8		1.96		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703136	06/01/97	1849	Southpoint Ethanol Site	13.4		2.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703137	06/01/97	1934	Southpoint Ethanol Site	14.1		2.7		<1		<1		1.29		2.61		<1		1.01		2.59		1.27		<1	
9703138	06/01/97	2019	Southpoint Ethanol Site	<1		1.89		<1		<1		<1		2.27		<1		<1		2.51		1.36		<1	
9703139	06/01/97	2103	Southpoint Ethanol Site	16.2		2.09		<1		<1		<1		3.31		1.32		1.42		4.26		1.61		<1	
9703140	06/01/97	2147	Southpoint Ethanol Site	<1		2.02		<1		<1		<1		2.85		<1		1.03		3.01		1.27		<1	
9703141	06/01/97	2232	Southpoint Ethanol Site	13		2.89		<1		<1		2.64		3.42		1.07		1.26		3.55		<1		1.45	
9703142	06/01/97	2316	Southpoint Ethanol Site	13		2.9		<1		<1		2.87		4.69		1.67		1.95		5.85		2.41		<1	
9703143	06/02/97	0000	Southpoint Ethanol Site	1.67		2.22		<1		<1		2.2		3.58		1.3		1.52		4.28		1.95		<1	
9703144	06/02/97	0045	Southpoint Ethanol Site	13.9		2.18		<1		<1		1.43		2.12		<1		<1		2.02		1.04		<1	
9703145	06/02/97	0130	Southpoint Ethanol Site	<1		2.19		<1		<1		<1		2.36		<1		<1		2.01		1.14		<1	
9703146	06/02/97	0215	Southpoint Ethanol Site	13		3.26		<1		<1		1.56		2.06		1.84		<1		1.89		<1		<1	
9703147	06/02/97	0259	Southpoint Ethanol Site	<1		1.66		<1		<1		1.83		2.95		2.31		<1		1.91		1.21		<1	
9703148	06/02/97	0343	Southpoint Ethanol Site	12.5		4.45		<1		<1		13.8		17		2.88		3.47		10.3		2.53		<1	
9703149	06/02/97	0428	Southpoint Ethanol Site	15.1		2.91		<1		<1		2.76		3.95		<1		1.05		2.76		1.14		<1	
9703150	06/02/97	0512	Southpoint Ethanol Site	11.8		4.76		<1		<1		14.9		19.4		3.49		4.01		11.2		3.09		<1	
9703151	06/02/97	0801	Southpoint Ethanol Site	13.7		2.07		<1		<1		9		22.3		6.76		10.3		25.9		16.1		5.49	
9703152	06/02/97	0952	Southpoint Ethanol Site	15.1		2.76		<1		<1		1.89		2.62		<1		<1		2.31		1.31		<1	
9703153	06/02/97	1234	Southpoint Ethanol Site	<1		2.39		<1		<1		1.04		2.71		<1		<1		<1		<1		<1	
9703154	06/02/97	1632	Southpoint Ethanol Site	13.6		2.48		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703155	06/02/97	1718	Southpoint Ethanol Site	14.8		2.4		<1		<1		1.01		1.59		1.32		<1		1.35		<1		<1	
9703156	06/02/97	1802	Southpoint Ethanol Site	14.1		2.3		<1		<1		3.35		2.01		<1		<1		1.56		<1		<1	
9703157	06/02/97	1848	Southpoint Ethanol Site	14.1		2.62		<1		<1		7.57		7.21		1.97		1.77		5.95		1.6		<1	
9703158	06/02/97	1932	Southpoint Ethanol Site	13.9		2.49		<1		<1		<1		1.44		<1		<1		1.44		<1		<1	
9703159	06/02/97	2017	Southpoint Ethanol Site	14.8		2.51		<1		<1		2.66		<1		<1		<1		<1		<1		<1	
9703160	06/02/97	2102	Southpoint Ethanol Site	10.3		2.34		<1		<1		1		2.63		<1		<1		1.22		<1		<1	
9703161	06/02/97	2147	Southpoint Ethanol Site	9.4		2.36		<1		<1		1.09		2.23		<1		<1		1.81		<1		<1	
9703162	06/02/97	2233	Southpoint Ethanol Site	15.1		2.67		<1		<1		2		2.48		<1		<1		2.39		1.53		<1	
9703163	06/02/97	2318	Southpoint Ethanol Site	13.6		2.39		<1		<1		1.22		2.69		<1		<1		2.38		1.46		<1	
9703164	06/03/97	0003	Southpoint Ethanol Site	15		2.34		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703165	06/03/97	0048	Southpoint Ethanol Site	13.8		2.46		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703166	06/03/97	0133	Southpoint Ethanol Site	13.8		2.34		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703167	06/03/97	0219	Southpoint Ethanol Site	13.4		2.32		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703168	06/03/97	0304	Southpoint Ethanol Site	12.9		2.39		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703124	05/31/97	1447	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703125	05/31/97	1532	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703126	05/31/97	1616	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703127	05/31/97	1700	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703128	05/31/97	1744	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703129	05/31/97	1835	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703130	06/01/97	1143	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703131	06/01/97	1315	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703132	06/01/97	1409	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703133	06/01/97	1454	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703134	06/01/97	1541	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703135	06/01/97	1628	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703136	06/01/97	1849	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703137	06/01/97	1934	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703138	06/01/97	2019	Southpoint Ethanol Site	<1		2.53		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703139	06/01/97	2103	Southpoint Ethanol Site	<1		5.18		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703140	06/01/97	2147	Southpoint Ethanol Site	<1		11.8		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703141	06/01/97	2232	Southpoint Ethanol Site	<1		12		<1		<1		<1		<1		<1		<1		1.73		<1		<1	
9703142	06/01/97	2316	Southpoint Ethanol Site	<1		9.59		1.1		<1		<1		<1		<1		<1		<1		<1		<1	
9703143	06/02/97	0000	Southpoint Ethanol Site	<1		8.53		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703144	06/02/97	0045	Southpoint Ethanol Site	<1		6.7		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703145	06/02/97	0130	Southpoint Ethanol Site	<1		5.08		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703146	06/02/97	0215	Southpoint Ethanol Site	<1		3.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703147	06/02/97	0259	Southpoint Ethanol Site	<1		3.06		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703148	06/02/97	0343	Southpoint Ethanol Site	<1		3.92		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703149	06/02/97	0428	Southpoint Ethanol Site	<1		2.57		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703150	06/02/97	0512	Southpoint Ethanol Site	<1		3.98		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703151	06/02/97	0801	Southpoint Ethanol Site	<1		11.6		<1		<1		<1		<1		<1		<1		<1		2.37		<1	
9703152	06/02/97	0952	Southpoint Ethanol Site	<1		4.32		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703153	06/02/97	1234	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703154	06/02/97	1632	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703155	06/02/97	1718	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703156	06/02/97	1802	Southpoint Ethanol Site	<1		2.57		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703157	06/02/97	1848	Southpoint Ethanol Site	<1		17.1		<1		<1		<1		<1		1.26		<1		<1		2.64		<1	
9703158	06/02/97	1932	Southpoint Ethanol Site	<1		12.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703159	06/02/97	2017	Southpoint Ethanol Site	<1		2.74		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703160	06/02/97	2102	Southpoint Ethanol Site	<1		1.23		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703161	06/02/97	2147	Southpoint Ethanol Site	<1		1.94		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703162	06/02/97	2233	Southpoint Ethanol Site	<1		2.88		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703163	06/02/97	2318	Southpoint Ethanol Site	<1		2.47		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703164	06/03/97	0003	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703165	06/03/97	0048	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703166	06/03/97	0133	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703167	06/03/97	0219	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703168	06/03/97	0304	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703124	05/31/97	1447	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703125	05/31/97	1532	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703126	05/31/97	1616	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703127	05/31/97	1700	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703128	05/31/97	1744	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703129	05/31/97	1835	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703130	06/01/97	1143	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703131	06/01/97	1315	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703132	06/01/97	1409	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703133	06/01/97	1454	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703134	06/01/97	1541	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703135	06/01/97	1628	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703136	06/01/97	1849	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703137	06/01/97	1934	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703138	06/01/97	2019	Southpoint Ethanol Site	1.14		<1		<1		<1		<1		<1		<1		<1		<1
9703139	06/01/97	2103	Southpoint Ethanol Site	1.35		<1		<1		<1		<1		<1		<1		<1		<1
9703140	06/01/97	2147	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703141	06/01/97	2232	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703142	06/01/97	2316	Southpoint Ethanol Site	2.02		<1		<1		<1		<1		<1		<1		<1		<1
9703143	06/02/97	0000	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703144	06/02/97	0045	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703145	06/02/97	0130	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703146	06/02/97	0215	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703147	06/02/97	0259	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703148	06/02/97	0343	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703149	06/02/97	0428	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703150	06/02/97	0512	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703151	06/02/97	0801	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703152	06/02/97	0952	Southpoint Ethanol Site	1.1		<1		<1		<1		<1		<1		<1		<1		<1
9703153	06/02/97	1234	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703154	06/02/97	1632	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703155	06/02/97	1718	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703156	06/02/97	1802	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703157	06/02/97	1848	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		1.34		<1		<1
9703158	06/02/97	1932	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703159	06/02/97	2017	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703160	06/02/97	2102	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703161	06/02/97	2147	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703162	06/02/97	2233	Southpoint Ethanol Site	1.28		<1		<1		<1		<1		<1		<1		<1		<1
9703163	06/02/97	2318	Southpoint Ethanol Site	1.22		<1		<1		<1		<1		<1		<1		<1		<1
9703164	06/03/97	0003	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703165	06/03/97	0048	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703166	06/03/97	0133	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703167	06/03/97	0219	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703168	06/03/97	0304	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703169	06/03/97	0350	Southpoint Ethanol Site	13.1		2.16		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703170	06/03/97	0435	Southpoint Ethanol Site	12.8		2.23		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703171	06/03/97	0521	Southpoint Ethanol Site	13		2.17		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703172	06/03/97	0606	Southpoint Ethanol Site	12.8		2.26		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703173	06/03/97	0652	Southpoint Ethanol Site	12.3		2.32		<1		<1		1		1.76		1.69		<1		1.69		<1		<1	
9703174	06/03/97	0738	Southpoint Ethanol Site	12.1		2.37		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703175	06/03/97	1132	Southpoint Ethanol Site	10.1		1.85		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703176	06/03/97	1303	Southpoint Ethanol Site	11.8		1.88		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703177	06/03/97	1731	Southpoint Ethanol Site	11.8		2.85		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703178	06/03/97	1814	Southpoint Ethanol Site	12		3		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703179	06/03/97	1859	Southpoint Ethanol Site	12.4		3.13		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703180	06/03/97	1943	Southpoint Ethanol Site	12		3.01		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703181	06/03/97	2027	Southpoint Ethanol Site	12.4		3.12		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703182	06/03/97	2112	Southpoint Ethanol Site	11.8		2.93		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703183	06/03/97	2157	Southpoint Ethanol Site	12.4		2.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703184	06/03/97	2241	Southpoint Ethanol Site	11.7		3.14		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703185	06/03/97	2325	Southpoint Ethanol Site	11.7		2.97		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703186	06/04/97	0010	Southpoint Ethanol Site	11.6		2.95		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703187	06/04/97	0054	Southpoint Ethanol Site	15.1		2.94		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703188	06/04/97	0138	Southpoint Ethanol Site	12.4		3.08		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703189	06/04/97	0223	Southpoint Ethanol Site	11.8		2.97		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703190	06/04/97	0308	Southpoint Ethanol Site	11.7		2.96		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703191	06/04/97	0352	Southpoint Ethanol Site	11.8		3.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703192	06/04/97	0437	Southpoint Ethanol Site	11.5		2.78		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703193	06/04/97	0521	Southpoint Ethanol Site	11.6		2.92		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703194	06/04/97	0606	Southpoint Ethanol Site	11.6		2.97		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703195	06/04/97	0650	Southpoint Ethanol Site	15		2.9		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703196	06/04/97	0735	Southpoint Ethanol Site	15.1		2.95		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703197	06/04/97	0820	Southpoint Ethanol Site	14.6		2.77		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703198	06/04/97	0905	Southpoint Ethanol Site	14.8		2.87		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703199	06/04/97	1642	Southpoint Ethanol Site	9.97		1.68		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703200	06/04/97	1737	Southpoint Ethanol Site	9.48		1.63		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703201	06/04/97	1827	Southpoint Ethanol Site	10.9		1.66		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703202	06/04/97	1917	Southpoint Ethanol Site	9.85		1.46		<1		<1		<1		1.84		<1		<1		1.01		<1		<1	
9703203	06/04/97	2008	Southpoint Ethanol Site	10.4		1.5		<1		<1		1.88		3.38		2.67		1.11		2.7		1.72		1.06	
9703204	06/04/97	2058	Southpoint Ethanol Site	10.7		1.69		<1		<1		1.91		3.23		<1		1.02		2.52		1.56		<1	
9703205	06/04/97	2148	Southpoint Ethanol Site	10.4		1.5		<1		<1		1.82		3.52		2.56		1.07		2.63		1.6		1.04	
9703206	06/04/97	2237	Southpoint Ethanol Site	9.68		1.49		<1		<1		1.2		2.24		1.54		<1		1.58		<1		<1	
9703207	06/04/97	2326	Southpoint Ethanol Site	10.6		1.49		<1		<1		<1		1.91		1.25		<1		1.27		<1		<1	
9703208	06/05/97	0016	Southpoint Ethanol Site	10.3		1.41		<1		<1		<1		1.57		1.01		<1		1.01		<1		<1	
9703209	06/05/97	0105	Southpoint Ethanol Site	10.4		1.35		<1		<1		<1		1.83		<1		<1		1.21		<1		<1	
9703210	06/05/97	0153	Southpoint Ethanol Site	11.1		1.69		<1		<1		1.86		2.8		<1		<1		1.99		1.04		<1	
9703211	06/05/97	0242	Southpoint Ethanol Site	10.4		1.4		<1		<1		<1		1.48		<1		<1		<1		<1		<1	
9703212	06/05/97	0330	Southpoint Ethanol Site	11.8		1.42		<1		<1		1.09		2.18		1.51		<1		1.52		<1		<1	
9703213	06/05/97	0419	Southpoint Ethanol Site	12.2		1.57		<1		<1		1.37		3.03		2.23		<1		2.25		1.17		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703169	06/03/97	0350	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703170	06/03/97	0435	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703171	06/03/97	0521	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703172	06/03/97	0606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703173	06/03/97	0652	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703174	06/03/97	0738	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703175	06/03/97	1132	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703176	06/03/97	1303	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703177	06/03/97	1731	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703178	06/03/97	1814	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703179	06/03/97	1859	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703180	06/03/97	1943	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703181	06/03/97	2027	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703182	06/03/97	2112	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703183	06/03/97	2157	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703184	06/03/97	2241	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703185	06/03/97	2325	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703186	06/04/97	0010	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703187	06/04/97	0054	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703188	06/04/97	0138	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703189	06/04/97	0223	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703190	06/04/97	0308	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703191	06/04/97	0352	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703192	06/04/97	0437	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703193	06/04/97	0521	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703194	06/04/97	0606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703195	06/04/97	0650	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703196	06/04/97	0735	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703197	06/04/97	0820	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703198	06/04/97	0905	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703199	06/04/97	1642	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703200	06/04/97	1737	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703201	06/04/97	1827	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703202	06/04/97	1917	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703203	06/04/97	2008	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703204	06/04/97	2058	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703205	06/04/97	2148	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703206	06/04/97	2237	Southpoint Ethanol Site	<1		1.12		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703207	06/04/97	2326	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703208	06/05/97	0016	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703209	06/05/97	0105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703210	06/05/97	0153	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703211	06/05/97	0242	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703212	06/05/97	0330	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703213	06/05/97	0419	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703169	06/03/97	0350	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703170	06/03/97	0435	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703171	06/03/97	0521	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703172	06/03/97	0606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703173	06/03/97	0652	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703174	06/03/97	0738	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703175	06/03/97	1132	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703176	06/03/97	1303	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703177	06/03/97	1731	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703178	06/03/97	1814	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703179	06/03/97	1859	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703180	06/03/97	1943	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703181	06/03/97	2027	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703182	06/03/97	2112	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703183	06/03/97	2157	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703184	06/03/97	2241	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703185	06/03/97	2325	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703186	06/04/97	0010	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703187	06/04/97	0054	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703188	06/04/97	0138	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703189	06/04/97	0223	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703190	06/04/97	0308	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703191	06/04/97	0352	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703192	06/04/97	0437	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703193	06/04/97	0521	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703194	06/04/97	0606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703195	06/04/97	0650	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703196	06/04/97	0735	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703197	06/04/97	0820	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703198	06/04/97	0905	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703199	06/04/97	1642	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703200	06/04/97	1737	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703201	06/04/97	1827	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703202	06/04/97	1917	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703203	06/04/97	2008	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703204	06/04/97	2058	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703205	06/04/97	2148	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703206	06/04/97	2237	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703207	06/04/97	2326	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703208	06/05/97	0016	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703209	06/05/97	0105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703210	06/05/97	0153	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703211	06/05/97	0242	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703212	06/05/97	0330	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703213	06/05/97	0419	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703214	06/05/97	0507	Southpoint Ethanol Site	11.5		1.55		<1		<1		2.94		5.12		<1		1.06		2.68		1.29		<1	
9703215	06/05/97	0555	Southpoint Ethanol Site	11.4		1.51		<1		<1		2.16		3.83		2.28		<1		2.33		1.23		<1	
9703216	06/05/97	0643	Southpoint Ethanol Site	12.1		1.71		<1		<1		2.06		4.41		<1		1.13		2.89		1.54		<1	
9703217	06/05/97	1505	Southpoint Ethanol Site	7.41		1.16		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703218	06/05/97	1617	Southpoint Ethanol Site	5.31		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703219	06/05/97	1710	Southpoint Ethanol Site	4.74		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703220	06/05/97	1803	Southpoint Ethanol Site	4.41		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703221	06/05/97	1855	Southpoint Ethanol Site	4.41		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703222	06/05/97	1947	Southpoint Ethanol Site	4.47		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703223	06/05/97	2039	Southpoint Ethanol Site	4.29		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703224	06/05/97	2130	Southpoint Ethanol Site	4.56		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703225	06/05/97	2221	Southpoint Ethanol Site	4.62		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703226	06/05/97	2312	Southpoint Ethanol Site	4.97		<1		<1		<1		1.59		1.63		1.13		<1		1.16		<1		<1	
9703227	06/06/97	0003	Southpoint Ethanol Site	4.67		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703228	06/06/97	0054	Southpoint Ethanol Site	4.42		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703229	06/06/97	0145	Southpoint Ethanol Site	4.59		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703230	06/06/97	0235	Southpoint Ethanol Site	4.77		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703231	06/06/97	0325	Southpoint Ethanol Site	4.6		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703232	06/06/97	0415	Southpoint Ethanol Site	4.37		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703233	06/06/97	0504	Southpoint Ethanol Site	4.82		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703234	06/06/97	0553	Southpoint Ethanol Site	5.01		<1		<1		<1		1.15		<1		<1		<1		<1		<1		<1	
9703235	06/06/97	0642	Southpoint Ethanol Site	4.47		<1		<1		<1		1.51		1.01		<1		<1		<1		<1		<1	
9703236	06/06/97	0731	Southpoint Ethanol Site	1.09		<1		<1		<1		2.79		1.59		<1		<1		<1		<1		<1	
9703237	06/06/97	0820	Southpoint Ethanol Site	4.73		<1		<1		<1		1.04		<1		<1		<1		<1		<1		<1	
9703238	06/06/97	1711	Southpoint Ethanol Site	9.89		1.65		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703239	06/06/97	1803	Southpoint Ethanol Site	10.4		1.9		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703240	06/06/97	1850	Southpoint Ethanol Site	10.6		1.85		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703241	06/06/97	1938	Southpoint Ethanol Site	10.7		1.86		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703242	06/06/97	2028	Southpoint Ethanol Site	10.7		2.03		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703243	06/06/97	2110	Southpoint Ethanol Site	11		1.67		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703244	06/06/97	2156	Southpoint Ethanol Site	9.91		1.86		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703245	06/06/97	2242	Southpoint Ethanol Site	9.63		1.83		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703246	06/06/97	2329	Southpoint Ethanol Site	9.85		1.89		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703247	06/07/97	0015	Southpoint Ethanol Site	10.6		1.92		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703248	06/07/97	0102	Southpoint Ethanol Site	10.9		1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703249	06/07/97	0148	Southpoint Ethanol Site	10.1		1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703250	06/07/97	0235	Southpoint Ethanol Site	10.2		1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703251	06/07/97	0322	Southpoint Ethanol Site	10.9		2.03		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703252	06/07/97	0408	Southpoint Ethanol Site	10.1		1.95		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703253	06/07/97	0454	Southpoint Ethanol Site	10.1		1.59		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703254	06/07/97	0541	Southpoint Ethanol Site	10.4		1.63		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703255	06/07/97	0627	Southpoint Ethanol Site	10.6		1.74		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703256	06/07/97	0714	Southpoint Ethanol Site	9.95		1.54		1.8		<1		<1		<1		<1		<1		<1		<1		<1	
9703257	06/07/97	0801	Southpoint Ethanol Site	10.8		1.61		1.84		<1		<1		<1		<1		<1		<1		<1		<1	
9703258	06/07/97	0849	Southpoint Ethanol Site	9.12		1.71		1.82		<1		<1		1.02		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703214	06/05/97	0507	Southpoint Ethanol Site	<1		1.03		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703215	06/05/97	0555	Southpoint Ethanol Site	<1		1.1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703216	06/05/97	0643	Southpoint Ethanol Site	<1		1.22		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703217	06/05/97	1505	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703218	06/05/97	1617	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703219	06/05/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703220	06/05/97	1803	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703221	06/05/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703222	06/05/97	1947	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703223	06/05/97	2039	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703224	06/05/97	2130	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703225	06/05/97	2221	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703226	06/05/97	2312	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703227	06/06/97	0003	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703228	06/06/97	0054	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703229	06/06/97	0145	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703230	06/06/97	0235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703231	06/06/97	0325	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703232	06/06/97	0415	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703233	06/06/97	0504	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703234	06/06/97	0553	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703235	06/06/97	0642	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703236	06/06/97	0731	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703237	06/06/97	0820	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703238	06/06/97	1711	Southpoint Ethanol Site	<1		1.2	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703239	06/06/97	1803	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703240	06/06/97	1850	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703241	06/06/97	1938	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703242	06/06/97	2028	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703243	06/06/97	2110	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703244	06/06/97	2156	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703245	06/06/97	2242	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703246	06/06/97	2329	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703247	06/07/97	0015	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703248	06/07/97	0102	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703249	06/07/97	0148	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703250	06/07/97	0235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703251	06/07/97	0322	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703252	06/07/97	0408	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703253	06/07/97	0454	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703254	06/07/97	0541	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703255	06/07/97	0627	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703256	06/07/97	0714	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703257	06/07/97	0801	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703258	06/07/97	0849	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703214	06/05/97	0507	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703215	06/05/97	0555	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703216	06/05/97	0643	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703217	06/05/97	1505	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703218	06/05/97	1617	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703219	06/05/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703220	06/05/97	1803	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703221	06/05/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703222	06/05/97	1947	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703223	06/05/97	2039	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703224	06/05/97	2130	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703225	06/05/97	2221	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703226	06/05/97	2312	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703227	06/06/97	0003	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703228	06/06/97	0054	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703229	06/06/97	0145	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703230	06/06/97	0235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703231	06/06/97	0325	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703232	06/06/97	0415	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703233	06/06/97	0504	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703234	06/06/97	0553	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703235	06/06/97	0642	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703236	06/06/97	0731	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703237	06/06/97	0820	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703238	06/06/97	1711	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703239	06/06/97	1803	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703240	06/06/97	1850	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703241	06/06/97	1938	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703242	06/06/97	2028	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703243	06/06/97	2110	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703244	06/06/97	2156	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703245	06/06/97	2242	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703246	06/06/97	2329	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703247	06/07/97	0015	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703248	06/07/97	0102	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703249	06/07/97	0148	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703250	06/07/97	0235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703251	06/07/97	0322	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703252	06/07/97	0408	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703253	06/07/97	0454	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703254	06/07/97	0541	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703255	06/07/97	0627	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703256	06/07/97	0714	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703257	06/07/97	0801	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703258	06/07/97	0849	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703259	06/11/97	1710	Southpoint Ethanol Site	7.6		1.37		1.99		<1		<1		<1		<1		<1		<1		<1		<1	
9703260	06/11/97	1751	Southpoint Ethanol Site	8.15		1.46		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9703261	06/11/97	1838	Southpoint Ethanol Site	8.26		1.53		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9703262	06/11/97	1924	Southpoint Ethanol Site	8.86		1.47		1.94		<1		1.53		1.9		<1		<1		<1		<1		<1	
9703263	06/11/97	2011	Southpoint Ethanol Site	8.95		1.49		2.01		<1		1.09		1.3		<1		<1		1.08		<1		<1	
9703264	06/11/97	2100	Southpoint Ethanol Site	8.87		1.67		2.15		<1		3.47		4.91		<1		<1		2.79		1.12		<1	
9703265	06/11/97	2149	Southpoint Ethanol Site	8.58		1.68		2.09		<1		1.57		2.81		<1		1.02		2.58		1.57		<1	
9703266	06/11/97	2235	Southpoint Ethanol Site	9.23		1.58		2.17		<1		1.78		3.05		<1		1.1		2.75		1.75		<1	
9703267	06/11/97	2321	Southpoint Ethanol Site	9.81		1.62		2.26		<1		1.77		2.41		<1		<1		2.13		1.29		<1	
9703268	06/12/97	0009	Southpoint Ethanol Site	9.21		1.62		2.38		<1		1.79		3.66		<1		1.17		3.13		1.65		<1	
9703269	06/12/97	0058	Southpoint Ethanol Site	9.91		1.55		2.1		<1		6.81		11		2.02		2.49		6.64		2.31		2.31	
9703270	06/12/97	0148	Southpoint Ethanol Site	10.2		1.6		2.08		<1		3.21		5.77		1.24		1.03		3.86		1.66		<1	
9703271	06/12/97	0235	Southpoint Ethanol Site	9.21		1.59		2.5		<1		1.19		2.55		<1		<1		1.97		<1		<1	
9703272	06/12/97	0325	Southpoint Ethanol Site	10.6		1.49		2.16		<1		5.95		10.4		2.42		2.4		7.45		2.25		2.22	
9703273	06/12/97	0414	Southpoint Ethanol Site	9.51		1.56		2.06		<1		<1		2.57		<1		<1		1.49		<1		<1	
9703274	06/12/97	0504	Southpoint Ethanol Site	9.28		1.65		2.08		<1		<1		1.51		<1		<1		<1		<1		<1	
9703275	06/12/97	0554	Southpoint Ethanol Site	10.7		1.74		2.27		<1		<1		1.83		<1		<1		1.05		<1		<1	
9703276	06/12/97	0643	Southpoint Ethanol Site	10.4		1.66		2.17		<1		1.13		2.78		<1		<1		2.03		1		<1	
9703277	06/12/97	0732	Southpoint Ethanol Site	9.96		1.7		2.07		<1		1.4		2.65		<1		<1		2.14		1.23		<1	
9703278	06/12/97	0822	Southpoint Ethanol Site	9.98		1.71		2.03		<1		1.06		1.6		<1		<1		1.42		<1		<1	
9703279	06/12/97	1250	Southpoint Ethanol Site	8.97		1.57		1.97		<1		<1		1.02		<1		<1		<1		<1		<1	
9703280	06/12/97	1337	Southpoint Ethanol Site	8.24		1.69		1.69		<1		2.58		3.45		<1		<1		1.35		<1		<1	
9703281	06/12/97	1428	Southpoint Ethanol Site	8.95		1.63		2.01		<1		<1		1.31		<1		<1		<1		<1		<1	
9703282	06/12/97	1518	Southpoint Ethanol Site	9.23		1.59		2.02		<1		<1		1.1		<1		<1		<1		<1		<1	
9703283	06/12/97	1609	Southpoint Ethanol Site	8.65		1.63		2.02		<1		<1		1.21		<1		<1		<1		<1		<1	
9703284	06/12/97	1700	Southpoint Ethanol Site	8.42		1.72		1.96		<1		<1		1.67		<1		<1		<1		<1		<1	
9703285	06/12/97	1751	Southpoint Ethanol Site	8.98		1.7		2.03		<1		1.14		1.05		<1		<1		<1		<1		<1	
9703286	06/12/97	1842	Southpoint Ethanol Site	8.84		1.63		2.01		<1		1.05		1.38		<1		<1		<1		<1		<1	
9703287	06/12/97	1933	Southpoint Ethanol Site	9.04		1.58		1.95		<1		<1		<1		<1		<1		<1		<1		<1	
9703288	06/12/97	2023	Southpoint Ethanol Site	8.43		1.58		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9703289	06/12/97	2113	Southpoint Ethanol Site	<1		2.11		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703290	06/12/97	2212	Southpoint Ethanol Site	11.4		2.03		2.42		<1		<1		1.53		<1		<1		1.5		<1		<1	
9703291	06/12/97	2258	Southpoint Ethanol Site	<1		1.96		<1		<1		<1		1.56		<1		<1		1.36		<1		<1	
9703292	06/12/97	2344	Southpoint Ethanol Site	12.2		2.26		2.48		<1		<1		1.26		<1		<1		1.08		<1		<1	
9703293	06/13/97	0029	Southpoint Ethanol Site	<1		1.98		<1		<1		<1		1.19		<1		<1		1.03		<1		<1	
9703294	06/13/97	0114	Southpoint Ethanol Site	<1		2.08		<1		<1		<1		1.37		<1		<1		1.09		<1		<1	
9703295	06/13/97	0200	Southpoint Ethanol Site	13.5		2.01		2.26		<1		<1		1.62		<1		<1		1.18		<1		<1	
9703296	06/13/97	0246	Southpoint Ethanol Site	11.9		2.03		2.25		<1		1.28		1.72		<1		<1		1.14		<1		<1	
9703506	06/26/97	0826	Southpoint Ethanol Site	5.54		1.44		<1		<1		<1		5.1		1.02		<1		3.16		<1		<1	
9703507	06/26/97	0931	Southpoint Ethanol Site	5.74		<1		2.35		<1		1.51		5.58		1.14		1.05		3.68		<1		<1	
9703508	06/26/97	1020	Southpoint Ethanol Site	5.81		<1		2.19		<1		1.43		4.99		1.16		1.14		3.72		<1		<1	
9703509	06/26/97	1110	Southpoint Ethanol Site	5.72		1.24		2.24		<1		1.27		5.44		1.09		1		3.49		<1		<1	
9703510	06/26/97	1200	Southpoint Ethanol Site	5.66		1.36		2.12		<1		1.11		5.1		1.08		1.02		3.45		<1		<1	
9703511	06/26/97	1250	Southpoint Ethanol Site	6.13		1.26		2.39		<1		1.13		5.25		1.1		<1		3.43		<1		<1	
9703512	06/26/97	1340	Southpoint Ethanol Site	5.53		1.43		2.1		<1		1.19		5.01		1.01		<1		3.12		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703259	06/11/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703260	06/11/97	1751	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703261	06/11/97	1838	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703262	06/11/97	1924	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703263	06/11/97	2011	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703264	06/11/97	2100	Southpoint Ethanol Site	<1		1.25		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703265	06/11/97	2149	Southpoint Ethanol Site	<1		1.5		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703266	06/11/97	2235	Southpoint Ethanol Site	<1		1.54		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703267	06/11/97	2321	Southpoint Ethanol Site	<1		1.51		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703268	06/12/97	0009	Southpoint Ethanol Site	<1		1.4		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703269	06/12/97	0058	Southpoint Ethanol Site	<1		1.62		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703270	06/12/97	0148	Southpoint Ethanol Site	<1		1.61		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703271	06/12/97	0235	Southpoint Ethanol Site	<1		1.3		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703272	06/12/97	0325	Southpoint Ethanol Site	<1		3.26		2.23		<1		<1		<1		<1		<1		<1		<1		<1	
9703273	06/12/97	0414	Southpoint Ethanol Site	<1		4.01		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703274	06/12/97	0504	Southpoint Ethanol Site	<1		1.48		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703275	06/12/97	0554	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703276	06/12/97	0643	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703277	06/12/97	0732	Southpoint Ethanol Site	<1		1.08		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703278	06/12/97	0822	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703279	06/12/97	1250	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703280	06/12/97	1337	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703281	06/12/97	1428	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703282	06/12/97	1518	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703283	06/12/97	1609	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703284	06/12/97	1700	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703285	06/12/97	1751	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703286	06/12/97	1842	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703287	06/12/97	1933	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703288	06/12/97	2023	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703289	06/12/97	2113	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703290	06/12/97	2212	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703291	06/12/97	2258	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703292	06/12/97	2344	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703293	06/13/97	0029	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703294	06/13/97	0114	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703295	06/13/97	0200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703296	06/13/97	0246	Southpoint Ethanol Site	<1		3.11		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703506	06/26/97	0826	Southpoint Ethanol Site	<1		2.07		<1		<1		<1		<1		1.65		<1		<1		3.08		<1	
9703507	06/26/97	0931	Southpoint Ethanol Site	<1		2.21		<1		<1		<1		<1		1.66		<1		<1		<1		<1	
9703508	06/26/97	1020	Southpoint Ethanol Site	<1		2.64		<1		<1		<1		<1		1.67		<1		<1		<1		<1	
9703509	06/26/97	1110	Southpoint Ethanol Site	<1		2.36		<1		<1		<1		<1		1.6		<1		<1		<1		<1	
9703510	06/26/97	1200	Southpoint Ethanol Site	<1		2.31		<1		<1		<1		<1		1.53		<1		<1		<1		<1	
9703511	06/26/97	1250	Southpoint Ethanol Site	<1		2.21		<1		<1		<1		<1		1.5		<1		<1		<1		<1	
9703512	06/26/97	1340	Southpoint Ethanol Site	<1		1.94		3.83		<1		<1		<1		1.48		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703259	06/11/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703260	06/11/97	1751	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703261	06/11/97	1838	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703262	06/11/97	1924	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703263	06/11/97	2011	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703264	06/11/97	2100	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703265	06/11/97	2149	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703266	06/11/97	2235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703267	06/11/97	2321	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703268	06/12/97	0009	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703269	06/12/97	0058	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703270	06/12/97	0148	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703271	06/12/97	0235	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703272	06/12/97	0325	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703273	06/12/97	0414	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703274	06/12/97	0504	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703275	06/12/97	0554	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703276	06/12/97	0643	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703277	06/12/97	0732	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703278	06/12/97	0822	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703279	06/12/97	1250	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703280	06/12/97	1337	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703281	06/12/97	1428	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703282	06/12/97	1518	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703283	06/12/97	1609	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703284	06/12/97	1700	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703285	06/12/97	1751	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703286	06/12/97	1842	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703287	06/12/97	1933	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703288	06/12/97	2023	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703289	06/12/97	2113	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703290	06/12/97	2212	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703291	06/12/97	2258	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703292	06/12/97	2344	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703293	06/13/97	0029	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703294	06/13/97	0114	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703295	06/13/97	0200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703296	06/13/97	0246	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703506	06/26/97	0826	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703507	06/26/97	0931	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703508	06/26/97	1020	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703509	06/26/97	1110	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703510	06/26/97	1200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703511	06/26/97	1250	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703512	06/26/97	1340	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703513	06/26/97	1429	Southpoint Ethanol Site	5.18		1.36		1.93		<1		<1		4.48		<1		<1		2.89		<1		<1	
9703514	06/26/97	1520	Southpoint Ethanol Site	5.49		1.43		1.88		<1		1.1		4.68		2.81		<1		3.02		<1		<1	
9703515	06/26/97	1610	Southpoint Ethanol Site	5.56		1.49		1.76		<1		1.24		4.02		<1		<1		2.76		<1		<1	
9703516	06/26/97	1700	Southpoint Ethanol Site	5.35		1.55		1.78		<1		<1		4.05		<1		<1		2.56		<1		<1	
9703517	06/26/97	1750	Southpoint Ethanol Site	4.91		1.25		1.77		<1		<1		<1		2.52		<1		2.55		<1		<1	
9703518	06/26/97	1840	Southpoint Ethanol Site	5.13		1.13		1.78		<1		<1		4.02		<1		<1		2.62		<1		<1	
9703519	06/26/97	1931	Southpoint Ethanol Site	5.05		<1		1.69		<1		<1		<1		<1		<1		2.62		<1		<1	
9703520	06/27/97	1445	Southpoint Ethanol Site	11.2		1.97		2.39		<1		<1		<1		<1		<1		<1		<1		<1	
9703521	06/27/97	1548	Southpoint Ethanol Site	11.8		1.91		2.31		<1		<1		<1		<1		<1		<1		<1		<1	
9703522	06/27/97	1633	Southpoint Ethanol Site	12.2		2.66		2.38		<1		<1		<1		<1		<1		<1		<1		<1	
9703523	06/27/97	1717	Southpoint Ethanol Site	12.1		2.15		2.33		<1		<1		<1		<1		<1		<1		<1		<1	
9703524	06/27/97	1800	Southpoint Ethanol Site	11.3		2.1		2.44		<1		<1		<1		<1		<1		<1		<1		<1	
9703525	06/27/97	1845	Southpoint Ethanol Site	11.6		2.21		2.34		<1		<1		<1		<1		<1		<1		<1		<1	
9703526	06/27/97	1930	Southpoint Ethanol Site	11.4		2.53		2.4		<1		<1		<1		<1		<1		<1		<1		<1	
9703527	06/27/97	2014	Southpoint Ethanol Site	11.7		2.69		2.41		<1		<1		<1		<1		<1		<1		<1		<1	
9703528	06/27/97	2058	Southpoint Ethanol Site	12.4		2.78		2.37		<1		<1		1.2		<1		<1		<1		<1		<1	
9703529	06/27/97	2142	Southpoint Ethanol Site	11.8		2.7		2.37		<1		<1		2.21		1.49		<1		1.43		<1		<1	
9703530	06/27/97	2226	Southpoint Ethanol Site	12		2.67		2.41		<1		1.14		1.93		1.42		<1		1.35		<1		<1	
9703531	06/27/97	2310	Southpoint Ethanol Site	11.9		2.51		2.41		<1		1.24		2.07		1.38		<1		1.26		<1		<1	
9703532	06/27/97	2355	Southpoint Ethanol Site	12.3		2.59		2.49		<1		<1		1.61		1.24		<1		1.21		<1		<1	
9703533	06/28/97	0039	Southpoint Ethanol Site	11.6		2.56		2.51		<1		<1		<1		1.47		<1		1.37		<1		<1	
9703534	06/28/97	0124	Southpoint Ethanol Site	12		2.62		2.87		<1		<1		<1		1.13		<1		1.09		<1		<1	
9703535	06/28/97	0208	Southpoint Ethanol Site	12.8		2.78		2.64		<1		<1		<1		1.53		<1		1.4		<1		<1	
9703536	06/28/97	0253	Southpoint Ethanol Site	12.8		2.65		2.34		<1		3.99		7.26		1.12		1.31		3.43		1.52		<1	
9703537	06/28/97	0337	Southpoint Ethanol Site	12		2.34		2.37		<1		3.4		8.22		3.53		1.32		3.67		1.35		<1	
9703538	06/28/97	0422	Southpoint Ethanol Site	11.7		2.31		2.38		<1		3.76		7.78		3.24		1.23		3.28		1.26		<1	
9703539	06/28/97	0506	Southpoint Ethanol Site	13.4		2.97		3.03		<1		2.21		4.94		2.18		<1		2.17		<1		<1	
9703540	06/28/97	1258	Southpoint Ethanol Site	8.94		1.8		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703541	06/28/97	1407	Southpoint Ethanol Site	9.61		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703542	06/28/97	1456	Southpoint Ethanol Site	9.72		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703543	06/28/97	1544	Southpoint Ethanol Site	11.4		1.88		2.2		<1		<1		<1		<1		<1		<1		<1		<1	
9703544	06/28/97	1631	Southpoint Ethanol Site	11.2		2		2.29		<1		<1		<1		<1		<1		<1		<1		<1	
9703545	06/29/97	1253	Southpoint Ethanol Site	9.64		1.92		2.13		<1		1.27		1.49		<1		<1		<1		<1		<1	
9703546	06/29/97	1344	Southpoint Ethanol Site	10.1		2.22		2.03		<1		1.36		1.1		<1		<1		<1		<1		<1	
9703547	06/29/97	1431	Southpoint Ethanol Site	9.54		1.28		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9703548	06/29/97	1518	Southpoint Ethanol Site	9.63		1.43		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9703549	06/29/97	1605	Southpoint Ethanol Site	9.58		1.5		2.1		<1		<1		<1		<1		<1		<1		<1		<1	
9703550	06/29/97	1651	Southpoint Ethanol Site	9.96		2.16		2.02		<1		<1		<1		<1		<1		<1		<1		<1	
9703551	06/29/97	1736	Southpoint Ethanol Site	9.97		2.37		2.08		<1		<1		1.37		<1		<1		<1		<1		<1	
9703552	06/29/97	1823	Southpoint Ethanol Site	10.3		2.1		2.05		<1		1.27		1.73		<1		<1		<1		<1		<1	
9703608	06/29/97	1904	Southpoint Ethanol Site	9.66		1.96		2.03		<1		<1		1.1		<1		<1		<1		<1		<1	
9703609	06/30/97	1349	Southpoint Ethanol Site	9.54		1.79		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9703610	06/30/97	1439	Southpoint Ethanol Site	13.4		1.89		2.16		<1		<1		1.46		<1		<1		1.38		<1		<1	
9703611	06/30/97	1529	Southpoint Ethanol Site	<1		1.88		2.06		<1		<1		1.05		<1		<1		<1		<1		<1	
9703612	06/30/97	1635	Southpoint Ethanol Site	9.47		1.8		2.06		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703513	06/26/97	1429	Southpoint Ethanol Site	<1		1.85		1.71		<1		<1		<1		1.4		<1		<1		<1		<1	
9703514	06/26/97	1520	Southpoint Ethanol Site	<1		1.98		<1		<1		<1		<1		1.32		<1		<1		<1		<1	
9703515	06/26/97	1610	Southpoint Ethanol Site	<1		2.14		2.38		<1		<1		<1		1.27		<1		<1		<1		<1	
9703516	06/26/97	1700	Southpoint Ethanol Site	<1		1.91		1.41		<1		<1		<1		1.28		<1		<1		<1		<1	
9703517	06/26/97	1750	Southpoint Ethanol Site	<1		1.77		<1		<1		<1		<1		1.21		<1		<1		<1		<1	
9703518	06/26/97	1840	Southpoint Ethanol Site	<1		1.73		<1		<1		<1		<1		1.18		<1		<1		<1		<1	
9703519	06/26/97	1931	Southpoint Ethanol Site	<1		1.64		<1		<1		<1		<1		1.18		<1		<1		1.94		<1	
9703520	06/27/97	1445	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703521	06/27/97	1548	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703522	06/27/97	1633	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703523	06/27/97	1717	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703524	06/27/97	1800	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703525	06/27/97	1845	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703526	06/27/97	1930	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703527	06/27/97	2014	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703528	06/27/97	2058	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703529	06/27/97	2142	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703530	06/27/97	2226	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703531	06/27/97	2310	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703532	06/27/97	2355	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703533	06/28/97	0039	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703534	06/28/97	0124	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703535	06/28/97	0208	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703536	06/28/97	0253	Southpoint Ethanol Site	<1		1.33		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703537	06/28/97	0337	Southpoint Ethanol Site	<1		1.99		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703538	06/28/97	0422	Southpoint Ethanol Site	<1		2.24		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703539	06/28/97	0506	Southpoint Ethanol Site	<1		1.94		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703540	06/28/97	1258	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703541	06/28/97	1407	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703542	06/28/97	1456	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703543	06/28/97	1544	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703544	06/28/97	1631	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703545	06/29/97	1253	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703546	06/29/97	1344	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703547	06/29/97	1431	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703548	06/29/97	1518	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703549	06/29/97	1605	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703550	06/29/97	1651	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703551	06/29/97	1736	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703552	06/29/97	1823	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703608	06/29/97	1904	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703609	06/30/97	1349	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703610	06/30/97	1439	Southpoint Ethanol Site	<1		1.05		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703611	06/30/97	1529	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703612	06/30/97	1635	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703513	06/26/97	1429	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703514	06/26/97	1520	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703515	06/26/97	1610	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703516	06/26/97	1700	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703517	06/26/97	1750	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703518	06/26/97	1840	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703519	06/26/97	1931	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703520	06/27/97	1445	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703521	06/27/97	1548	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703522	06/27/97	1633	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703523	06/27/97	1717	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703524	06/27/97	1800	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703525	06/27/97	1845	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703526	06/27/97	1930	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703527	06/27/97	2014	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703528	06/27/97	2058	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703529	06/27/97	2142	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703530	06/27/97	2226	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703531	06/27/97	2310	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703532	06/27/97	2355	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703533	06/28/97	0039	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703534	06/28/97	0124	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703535	06/28/97	0208	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703536	06/28/97	0253	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703537	06/28/97	0337	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703538	06/28/97	0422	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703539	06/28/97	0506	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703540	06/28/97	1258	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703541	06/28/97	1407	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703542	06/28/97	1456	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703543	06/28/97	1544	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703544	06/28/97	1631	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703545	06/29/97	1253	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703546	06/29/97	1344	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703547	06/29/97	1431	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703548	06/29/97	1518	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703549	06/29/97	1605	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703550	06/29/97	1651	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703551	06/29/97	1736	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703552	06/29/97	1823	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703608	06/29/97	1904	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703609	06/30/97	1349	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703610	06/30/97	1439	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703611	06/30/97	1529	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703612	06/30/97	1635	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703613	06/30/97	1755	Southpoint Ethanol Site	9.7		1.96		2.12		<1		<1		1.03		<1		<1		<1		<1		<1	
9703614	06/30/97	1844	Southpoint Ethanol Site	10.8		2.16		2.17		<1		<1		1.74		<1		<1		<1		<1		<1	
9703615	06/30/97	1931	Southpoint Ethanol Site	11.1		2.11		2.03		<1		<1		1.32		<1		<1		<1		<1		<1	
9703616	06/30/97	2020	Southpoint Ethanol Site	9.69		1.88		1.98		<1		<1		1.05		<1		<1		<1		<1		<1	
9703617	06/30/97	2108	Southpoint Ethanol Site	9.53		1.88		2.06		<1		1.79		<1		<1		<1		1.54		<1		<1	
9703618	06/30/97	2156	Southpoint Ethanol Site	9.34		1.81		2.36		<1		<1		1.58		<1		<1		<1		<1		<1	
9703619	06/30/97	2245	Southpoint Ethanol Site	9.54		1.83		2.43		<1		<1		1.24		<1		<1		<1		<1		<1	
9703620	06/30/97	2334	Southpoint Ethanol Site	9.82		1.97		2.08		<1		<1		1.73		<1		<1		1.05		<1		<1	
9703621	07/01/97	0024	Southpoint Ethanol Site	9.56		1.92		2.06		<1		<1		1.35		<1		<1		<1		<1		<1	
9703622	07/01/97	0113	Southpoint Ethanol Site	9.97		2		1.98		<1		5.33		8.86		1.38		1.43		3.81		1.2		<1	
9703623	07/01/97	0203	Southpoint Ethanol Site	10.9		2.16		2.03		<1		2.28		4.6		<1		1.02		2.58		1.28		<1	
9703624	07/01/97	0252	Southpoint Ethanol Site	10.4		2.07		2.5		<1		1.68		2.79		<1		<1		1.52		<1		<1	
9703625	07/01/97	0343	Southpoint Ethanol Site	11		2.09		2.16		<1		1.56		2.7		<1		<1		1.31		<1		<1	
9703626	07/01/97	0433	Southpoint Ethanol Site	10.4		1.89		2.1		<1		1.9		3.74		<1		<1		1.53		<1		<1	
9703627	07/01/97	0523	Southpoint Ethanol Site	10.1		1.91		2.15		<1		3.68		5.75		<1		<1		2.32		<1		<1	
9703628	07/01/97	0614	Southpoint Ethanol Site	10		1.89		2.19		<1		4.84		7.12		1.04		1.02		2.86		<1		<1	
9703629	07/01/97	0705	Southpoint Ethanol Site	10.5		2.12		2.09		<1		2.06		3.35		<1		<1		1.46		<1		<1	
9703630	07/01/97	0756	Southpoint Ethanol Site	9.46		1.91		2.07		<1		<1		1.72		<1		<1		1.2		<1		<1	
9703631	07/01/97	0847	Southpoint Ethanol Site	10.7		2.07		2.08		<1		<1		1.22		<1		<1		<1		<1		<1	
9703632	07/01/97	1249	Southpoint Ethanol Site	9.4		1.82		2.12		<1		4.1		1.52		<1		<1		<1		<1		<1	
9703633	07/01/97	1341	Southpoint Ethanol Site	9.64		1.83		1.99		<1		1.13		1.79		<1		<1		<1		<1		<1	
9703634	07/01/97	1431	Southpoint Ethanol Site	9.39		1.88		2.05		<1		1.25		1.98		<1		<1		<1		<1		<1	
9703635	07/01/97	1634	Southpoint Ethanol Site	10.3		2.05		2.24		<1		1.65		1.2		<1		<1		<1		<1		<1	
9703636	07/01/97	1725	Southpoint Ethanol Site	11.3		2.1		2.18		<1		1.17		1.56		<1		<1		<1		<1		<1	
9703637	07/01/97	1813	Southpoint Ethanol Site	10.7		2.04		2.16		<1		<1		3.51		1.28		1.66		3.98		2.34		<1	
9703638	07/01/97	1901	Southpoint Ethanol Site	10.7		2.17		2.18		<1		<1		1.89		<1		1.25		2.88		2.08		<1	
9703639	07/01/97	1950	Southpoint Ethanol Site	10.5		2.14		2.25		<1		1.35		4.3		<1		1.19		3.08		1.31		<1	
9703640	07/01/97	2038	Southpoint Ethanol Site	10.9		2.23		2.29		<1		<1		1.87		<1		<1		1.54		<1		<1	
9703641	07/01/97	2127	Southpoint Ethanol Site	11		2.1		2.18		<1		1.19		3.77		<1		<1		2.05		1.63		<1	
9703642	07/01/97	2216	Southpoint Ethanol Site	11.6		2.36		2.34		<1		1.11		2.21		<1		<1		1.43		1.03		<1	
9703643	07/01/97	2305	Southpoint Ethanol Site	11.7		2.18		2.33		<1		1.79		5.3		<1		1.17		2.93		1.5		<1	
9703644	07/01/97	2354	Southpoint Ethanol Site	10.7		2.12		2.19		<1		1.56		3.92		<1		1.02		2.57		1.62		<1	
9703645	07/02/97	0043	Southpoint Ethanol Site	11.8		2.41		2.3		<1		1.59		3.63		<1		<1		2.09		1.26		<1	
9703646	07/02/97	0132	Southpoint Ethanol Site	10.3		2.12		2.42		<1		1.16		<1		<1		<1		1.35		<1		<1	
9703647	07/02/97	1336	Southpoint Ethanol Site	9.48		1.87		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9703648	07/02/97	1427	Southpoint Ethanol Site	9.54		1.85		1.98		<1		<1		<1		<1		<1		<1		<1		<1	
9703649	07/02/97	1517	Southpoint Ethanol Site	11.5		2.21		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9703650	07/02/97	1606	Southpoint Ethanol Site	10.1		1.93		2.01		<1		<1		<1		<1		<1		<1		<1		<1	
9703651	07/02/97	1655	Southpoint Ethanol Site	9.59		1.79		2.04		<1		<1		<1		<1		<1		<1		<1		<1	
9703652	07/02/97	1743	Southpoint Ethanol Site	9.74		1.85		2.1		<1		<1		<1		<1		<1		<1		<1		<1	
9703653	07/02/97	1833	Southpoint Ethanol Site	9.8		1.95		2.12		<1		<1		<1		<1		<1		<1		<1		<1	
9703654	07/02/97	1921	Southpoint Ethanol Site	9.69		2.01		1.99		<1		<1		1.36		1.11		<1		1.04		<1		<1	
9703655	07/02/97	2008	Southpoint Ethanol Site	9.53		1.88		2.02		<1		<1		2.04		<1		<1		1.37		1.05		<1	
9703656	07/02/97	2105	Southpoint Ethanol Site	9.78		1.96		2.5		<1		<1		<1		<1		<1		<1		<1		<1	
9703657	07/02/97	2154	Southpoint Ethanol Site	9.5		1.84		2.38		<1		1.01		1.98		<1		1.28		1.2		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703613	06/30/97	1755	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703614	06/30/97	1844	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703615	06/30/97	1931	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703616	06/30/97	2020	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703617	06/30/97	2108	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703618	06/30/97	2156	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703619	06/30/97	2245	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703620	06/30/97	2334	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703621	07/01/97	0024	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703622	07/01/97	0113	Southpoint Ethanol Site	<1		1.44		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703623	07/01/97	0203	Southpoint Ethanol Site	<1		6.91		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703624	07/01/97	0252	Southpoint Ethanol Site	<1		2.75		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703625	07/01/97	0343	Southpoint Ethanol Site	<1		1.98		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703626	07/01/97	0433	Southpoint Ethanol Site	<1		2.31		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703627	07/01/97	0523	Southpoint Ethanol Site	<1		2.35		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703628	07/01/97	0614	Southpoint Ethanol Site	<1		1.6		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703629	07/01/97	0705	Southpoint Ethanol Site	<1		1.49		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703630	07/01/97	0756	Southpoint Ethanol Site	<1		1.16		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703631	07/01/97	0847	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703632	07/01/97	1249	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703633	07/01/97	1341	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703634	07/01/97	1431	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703635	07/01/97	1634	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703636	07/01/97	1725	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703637	07/01/97	1813	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703638	07/01/97	1901	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703639	07/01/97	1950	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703640	07/01/97	2038	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703641	07/01/97	2127	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703642	07/01/97	2216	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703643	07/01/97	2305	Southpoint Ethanol Site	<1		1.29	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703644	07/01/97	2354	Southpoint Ethanol Site	<1		1.59	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703645	07/02/97	0043	Southpoint Ethanol Site	<1		1.38	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703646	07/02/97	0132	Southpoint Ethanol Site	<1		1.29	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703647	07/02/97	1336	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703648	07/02/97	1427	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703649	07/02/97	1517	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703650	07/02/97	1606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703651	07/02/97	1655	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703652	07/02/97	1743	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703653	07/02/97	1833	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703654	07/02/97	1921	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703655	07/02/97	2008	Southpoint Ethanol Site	<1		1.05	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703656	07/02/97	2105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703657	07/02/97	2154	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDslf Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703613	06/30/97	1755	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703614	06/30/97	1844	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703615	06/30/97	1931	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703616	06/30/97	2020	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703617	06/30/97	2108	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703618	06/30/97	2156	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703619	06/30/97	2245	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703620	06/30/97	2334	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703621	07/01/97	0024	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703622	07/01/97	0113	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703623	07/01/97	0203	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703624	07/01/97	0252	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703625	07/01/97	0343	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703626	07/01/97	0433	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703627	07/01/97	0523	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703628	07/01/97	0614	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703629	07/01/97	0705	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703630	07/01/97	0756	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703631	07/01/97	0847	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703632	07/01/97	1249	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703633	07/01/97	1341	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703634	07/01/97	1431	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703635	07/01/97	1634	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703636	07/01/97	1725	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703637	07/01/97	1813	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703638	07/01/97	1901	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703639	07/01/97	1950	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703640	07/01/97	2038	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703641	07/01/97	2127	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703642	07/01/97	2216	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703643	07/01/97	2305	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703644	07/01/97	2354	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703645	07/02/97	0043	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703646	07/02/97	0132	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703647	07/02/97	1336	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703648	07/02/97	1427	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703649	07/02/97	1517	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703650	07/02/97	1606	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703651	07/02/97	1655	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703652	07/02/97	1743	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703653	07/02/97	1833	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703654	07/02/97	1921	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703655	07/02/97	2008	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703656	07/02/97	2105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703657	07/02/97	2154	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703658	07/02/97	2243	Southpoint Ethanol Site	9.42		1.8		2.11		<1		<1		<1		<1		<1		<1		<1		<1	
9703659	07/02/97	2333	Southpoint Ethanol Site	9.91		1.91		2.08		<1		<1		<1		<1		<1		<1		<1		<1	
9703660	07/03/97	0022	Southpoint Ethanol Site	10.2		2.07		2.17		<1		<1		<1		<1		<1		<1		<1		<1	
9703661	07/03/97	0114	Southpoint Ethanol Site	10.5		2.03		2.1		<1		<1		<1		<1		<1		<1		<1		<1	
9703662	07/03/97	0205	Southpoint Ethanol Site	9.6		1.78		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9703663	07/03/97	0255	Southpoint Ethanol Site	10.1		1.9		2.13		<1		1.28		2.11		<1		<1		<1		<1		<1	
9703664	07/03/97	0345	Southpoint Ethanol Site	10.3		1.99		2.25		<1		<1		<1		<1		<1		<1		<1		<1	
9703665	07/03/97	0436	Southpoint Ethanol Site	9.44		1.87		2.17		<1		1.99		2.82		<1		<1		1.01		<1		<1	
9703666	07/03/97	0525	Southpoint Ethanol Site	10.2		2.04		2.15		<1		2.12		2.96		<1		<1		1.12		<1		<1	
9703667	07/03/97	0615	Southpoint Ethanol Site	9.57		1.9		2.11		<1		1.98		3.69		<1		1.05		2.74		1.76		<1	
9703668	07/03/97	0705	Southpoint Ethanol Site	9.27		1.77		2.08		<1		1.38		2.33		<1		<1		<1		<1		<1	
9703669	07/03/97	0758	Southpoint Ethanol Site	9.63		1.85		2.06		<1		3.88		6.34		1.12		1.11		2.92		1.52		<1	
9703670	07/03/97	1200	Southpoint Ethanol Site	9.51		1.82		2.1		<1		7.05		6.09		1.26		1.72		3.79		2.18		1.37	
9703671	07/03/97	1251	Southpoint Ethanol Site	9.71		1.84		2.03		<1		1.1		2.25		<1		<1		<1		<1		<1	
9703672	07/03/97	1342	Southpoint Ethanol Site	9.15		1.81		2.02		<1		<1		1.34		<1		<1		<1		<1		<1	
9703673	07/03/97	1433	Southpoint Ethanol Site	9.52		1.89		2.07		<1		<1		1.42		<1		<1		<1		<1		<1	
9703674	07/03/97	1525	Southpoint Ethanol Site	9.39		1.87		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9703675	07/03/97	1618	Southpoint Ethanol Site	9.58		1.9		1.95		<1		4.74		9.05		1.21		1.21		3.34		<1		<1	
9703676	07/03/97	1710	Southpoint Ethanol Site	9.25		1.81		2.08		<1		2.04		3.36		<1		<1		<1		<1		<1	
9703677	07/03/97	1903	Southpoint Ethanol Site	9.32		1.85		2		<1		<1		<1		<1		<1		<1		<1		<1	
9703678	07/03/97	1954	Southpoint Ethanol Site	10		2.02		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9703679	07/03/97	2040	Southpoint Ethanol Site	9.85		1.89		2.26		<1		<1		<1		<1		<1		<1		<1		<1	
9703680	07/03/97	2128	Southpoint Ethanol Site	10.1		2.05		2.07		<1		3.01		5.7		<1		<1		2.41		<1		<1	
9703681	07/03/97	2217	Southpoint Ethanol Site	9.75		1.84		2.14		<1		1.15		2.38		<1		<1		1.01		<1		<1	
9703682	07/03/97	2304	Southpoint Ethanol Site	10.8		2.14		2.15		<1		<1		1.88		<1		<1		<1		<1		<1	
9703683	07/03/97	2352	Southpoint Ethanol Site	9.74		2		2.17		<1		1.22		2.09		<1		<1		<1		<1		<1	
9703684	07/04/97	0041	Southpoint Ethanol Site	10.2		2.12		2.17		<1		2.37		3.83		<1		<1		2.01		1.07		<1	
9703685	07/04/97	0129	Southpoint Ethanol Site	10.8		2.11		2.37		<1		1.3		2.09		<1		<1		1.06		<1		<1	
9703686	07/04/97	0217	Southpoint Ethanol Site	10.4		1.99		2.19		<1		<1		<1		<1		<1		<1		<1		<1	
9703687	07/04/97	0306	Southpoint Ethanol Site	10.2		1.92		2.22		<1		<1		1.77		<1		<1		<1		<1		<1	
9703688	07/04/97	0354	Southpoint Ethanol Site	10.7		2.04		2.21		<1		1.17		1.53		<1		<1		<1		<1		<1	
9703689	07/04/97	0442	Southpoint Ethanol Site	10.5		2.07		2.21		<1		1.12		1.73		<1		<1		<1		<1		<1	
9703690	07/04/97	0530	Southpoint Ethanol Site	9.84		1.88		<1		<1		2.45		4.6		<1		<1		1.81		<1		<1	
9703691	07/04/97	0618	Southpoint Ethanol Site	10.8		2.1		2.29		<1		2.14		3.88		<1		<1		1.53		<1		<1	
9703692	07/04/97	0707	Southpoint Ethanol Site	10.8		2.13		2.19		<1		2.43		2.17		<1		<1		<1		<1		<1	
9703693	07/04/97	0755	Southpoint Ethanol Site	9.8		1.9		2.18		<1		4.63		2.45		<1		<1		<1		<1		<1	
9703694	07/04/97	0844	Southpoint Ethanol Site	10.4		2.06		2.19		<1		<1		1.74		<1		<1		<1		<1		<1	
9703695	07/04/97	0934	Southpoint Ethanol Site	10		1.98		2.16		<1		<1		1.28		<1		<1		<1		<1		<1	
9703824	07/07/97	1618	Southpoint Ethanol Site	9.28		1.8		2		<1		<1		<1		<1		<1		<1		<1		<1	
9703825	07/07/97	1714	Southpoint Ethanol Site	8.5		1.63		2.01		<1		1.3		1.41		<1		<1		<1		<1		<1	
9703826	07/07/97	1804	Southpoint Ethanol Site	9.4		1.77		2.04		<1		1.48		1.29		<1		<1		<1		<1		<1	
9703827	07/07/97	1855	Southpoint Ethanol Site	9.26		1.83		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9703828	07/07/97	1945	Southpoint Ethanol Site	<1		1.9		2.02		<1		<1		1.02		<1		<1		<1		<1		<1	
9703829	07/07/97	2030	Southpoint Ethanol Site	8.86		1.64		2.09		<1		1.89		2.94		<1		<1		<1		<1		<1	
9703830	07/07/97	2119	Southpoint Ethanol Site	9.1		1.74		2.07		<1		<1		1.36		<1		<1		1.03		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703658	07/02/97	2243	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703659	07/02/97	2333	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703660	07/03/97	0022	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703661	07/03/97	0114	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703662	07/03/97	0205	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703663	07/03/97	0255	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703664	07/03/97	0345	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703665	07/03/97	0436	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703666	07/03/97	0525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703667	07/03/97	0615	Southpoint Ethanol Site	<1		1.13	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703668	07/03/97	0705	Southpoint Ethanol Site	<1		1	B	1.6		<1		<1		<1		<1		<1		<1		<1		<1	
9703669	07/03/97	0758	Southpoint Ethanol Site	<1		1.31	B	1.35		<1		<1		<1		<1		<1		<1		<1		<1	
9703670	07/03/97	1200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703671	07/03/97	1251	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703672	07/03/97	1342	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703673	07/03/97	1433	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703674	07/03/97	1525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703675	07/03/97	1618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703676	07/03/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703677	07/03/97	1903	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703678	07/03/97	1954	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703679	07/03/97	2040	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703680	07/03/97	2128	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703681	07/03/97	2217	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703682	07/03/97	2304	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703683	07/03/97	2352	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703684	07/04/97	0041	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703685	07/04/97	0129	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703686	07/04/97	0217	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703687	07/04/97	0306	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703688	07/04/97	0354	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703689	07/04/97	0442	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703690	07/04/97	0530	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703691	07/04/97	0618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703692	07/04/97	0707	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703693	07/04/97	0755	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703694	07/04/97	0844	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703695	07/04/97	0934	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703824	07/07/97	1618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703825	07/07/97	1714	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703826	07/07/97	1804	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703827	07/07/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703828	07/07/97	1945	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703829	07/07/97	2030	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703830	07/07/97	2119	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703658	07/02/97	2243	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703659	07/02/97	2333	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703660	07/03/97	0022	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703661	07/03/97	0114	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703662	07/03/97	0205	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703663	07/03/97	0255	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703664	07/03/97	0345	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703665	07/03/97	0436	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703666	07/03/97	0525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703667	07/03/97	0615	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703668	07/03/97	0705	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703669	07/03/97	0758	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703670	07/03/97	1200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703671	07/03/97	1251	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703672	07/03/97	1342	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703673	07/03/97	1433	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703674	07/03/97	1525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703675	07/03/97	1618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703676	07/03/97	1710	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703677	07/03/97	1903	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703678	07/03/97	1954	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703679	07/03/97	2040	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703680	07/03/97	2128	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703681	07/03/97	2217	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703682	07/03/97	2304	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703683	07/03/97	2352	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703684	07/04/97	0041	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703685	07/04/97	0129	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703686	07/04/97	0217	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703687	07/04/97	0306	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703688	07/04/97	0354	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703689	07/04/97	0442	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703690	07/04/97	0530	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703691	07/04/97	0618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703692	07/04/97	0707	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703693	07/04/97	0755	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703694	07/04/97	0844	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703695	07/04/97	0934	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703824	07/07/97	1618	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703825	07/07/97	1714	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703826	07/07/97	1804	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703827	07/07/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703828	07/07/97	1945	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703829	07/07/97	2030	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703830	07/07/97	2119	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdifmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichlfmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703831	07/07/97	2207	Southpoint Ethanol Site	10.1		1.98		2.61		<1		1.59		3.28		<1		<1		2.37		1.11		<1	
9703832	07/07/97	2255	Southpoint Ethanol Site	10.1		1.95		2.04		<1		1.56		3.11		<1		<1		1.96		1.32		<1	
9703833	07/07/97	2344	Southpoint Ethanol Site	10.1		1.96		2.86		<1		1.55		3.25		<1		<1		2.05		1.41		<1	
9703834	07/08/97	0032	Southpoint Ethanol Site	9.73		1.91		3.05		<1		1.43		3		<1		<1		1.8		1.23		<1	
9703835	07/08/97	0120	Southpoint Ethanol Site	10		1.95		2.7		<1		1.3		2.82		<1		<1		1.71		1.19		<1	
9703836	07/08/97	0209	Southpoint Ethanol Site	10.2		1.95		2.68		<1		1.38		2.97		<1		<1		1.76		1.32		<1	
9703837	07/08/97	0258	Southpoint Ethanol Site	10.1		1.96		2.22		<1		1.15		2.25		<1		<1		1.35		1.08		<1	
9703838	07/08/97	0346	Southpoint Ethanol Site	9.85		1.95		2.11		<1		1.31		2.52		<1		<1		1.41		1.01		<1	
9703839	07/08/97	0435	Southpoint Ethanol Site	10.6		2.13		2.8		<1		1.14		2.14		<1		<1		1.38		1.11		<1	
9703840	07/08/97	0524	Southpoint Ethanol Site	10.8		2.1		3		<1		1.05		1.96		<1		<1		1.23		1		<1	
9703841	07/08/97	0613	Southpoint Ethanol Site	10.3		2.02		2.72		<1		1.06		2.06		<1		<1		1.36		1.01		<1	
9703842	07/08/97	0703	Southpoint Ethanol Site	10.5		1.97		2.57		<1		1.23		2.33		<1		<1		1.64		1.13		<1	
9703843	07/08/97	0752	Southpoint Ethanol Site	10		1.9		2.14		<1		2.13		2.25		<1		<1		1.27		<1		<1	
9703844	07/08/97	0842	Southpoint Ethanol Site	9.39		1.72		2.17		<1		4.5		5.18		<1		<1		1.99		<1		<1	
9703845	07/08/97	1239	Southpoint Ethanol Site	8.97		1.6		2.05		<1		<1		<1		<1		<1		<1		<1		<1	
9703846	07/08/97	1334	Southpoint Ethanol Site	9.03		1.83		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9703847	07/08/97	1523	Southpoint Ethanol Site	8.85		1.76		2		<1		<1		<1		<1		<1		<1		<1		<1	
9703848	07/08/97	1630	Southpoint Ethanol Site	9.01		1.81		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9703849	07/08/97	1719	Southpoint Ethanol Site	8.92		1.62		2		<1		2.17		<1		<1		<1		<1		<1		<1	
9703850	07/08/97	1806	Southpoint Ethanol Site	8.5		1.73		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9703851	07/08/97	1855	Southpoint Ethanol Site	9.07		1.8		2.03		<1		<1		<1		<1		<1		<1		<1		<1	
9703852	07/08/97	1935	Southpoint Ethanol Site	9.21		1.63		2.11		<1		<1		1.76		<1		<1		1.34		<1		<1	
9703853	07/08/97	2023	Southpoint Ethanol Site	9		1.74		2.06		<1		<1		1.41		<1		<1		<1		<1		<1	
9703854	07/08/97	2111	Southpoint Ethanol Site	9.01		1.79		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9703855	07/08/97	2200	Southpoint Ethanol Site	9.28		1.84		2.9		<1		7.36		14		2.86		3.67		8.43		3.92		<1	
9703856	07/08/97	2248	Southpoint Ethanol Site	9.72		1.88		2.78		<1		3.64		7.51		1.54		1.88		4.42		2.55		<1	
9703857	07/08/97	2341	Southpoint Ethanol Site	9.64		1.86		2.15		<1		3.55		6.54		1.22		1.42		3.33		1.85		<1	
9703858	07/09/97	0030	Southpoint Ethanol Site	10.5		2.05		3.59		<1		3.78		6.95		1.38		1.6		4.06		2.27		<1	
9703859	07/09/97	0119	Southpoint Ethanol Site	10.3		1.96		2.42		<1		3.97		6.5		1.16		1.26		3.24		1.79		<1	
9703860	07/09/97	0208	Southpoint Ethanol Site	10.6		2.14		2.33		<1		2.54		4.26		<1		<1		2.1		1.31		<1	
9703861	07/09/97	0257	Southpoint Ethanol Site	10.3		2.01		3.27		<1		1.98		3.48		<1		<1		1.76		1.11		<1	
9703862	07/09/97	0346	Southpoint Ethanol Site	10.7		2.01		2.29		<1		21.7		26.5		2.67		2.85		8.1		2.16		<1	
9703863	07/09/97	0435	Southpoint Ethanol Site	9.66		1.9		2.16		<1		1.37		2.29		<1		<1		1.2		<1		<1	
9703864	07/09/97	0525	Southpoint Ethanol Site	9.87		1.86		2.91		<1		1.1		1.88		<1		<1		<1		<1		<1	
9703865	07/09/97	0614	Southpoint Ethanol Site	9.62		1.86		2.17		<1		<1		1.34		<1		<1		<1		<1		<1	
9703866	07/09/97	0703	Southpoint Ethanol Site	10.3		2		2.33		<1		<1		1.48		<1		<1		<1		<1		<1	
9703867	07/09/97	0753	Southpoint Ethanol Site	9.72		1.86		2.37		<1		1.45		2.64		<1		<1		1.16		<1		<1	
9703868	07/09/97	0844	Southpoint Ethanol Site	9.54		1.89		2.25		<1		2.63		4.54		<1		<1		1.71		<1		<1	
9703869	07/09/97	0935	Southpoint Ethanol Site	10.3		2		2.1		<1		2.4		134	J	<1		<1		1.69		<1		<1	
9703870	07/09/97	1026	Southpoint Ethanol Site	9.9		1.96		2.11		<1		<1		1.15		<1		<1		<1		<1		<1	
9703871	07/09/97	1115	Southpoint Ethanol Site	9.26		1.74		2.13		<1		4.44		3.57		<1		1.11		2.77		1.87		<1	
9703872	07/09/97	1525	Southpoint Ethanol Site	9.47		1.78		2.16		<1		<1		<1		<1		<1		<1		<1		<1	
9703873	07/09/97	1934	Southpoint Ethanol Site	8.86		1.72		2.1		<1		2.57		4.14		<1		<1		2.34		1.27		<1	
9703874	07/09/97	2026	Southpoint Ethanol Site	10.4		2.08		2.34		<1		53.3		10.7		<1		<1		2.9		<1		<1	
9703875	07/09/97	2117	Southpoint Ethanol Site	9.57		1.95		2.26		<1		1.84		2.17		<1		<1		1.05		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703831	07/07/97	2207	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703832	07/07/97	2255	Southpoint Ethanol Site	<1		1.35	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703833	07/07/97	2344	Southpoint Ethanol Site	<1		1.61	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703834	07/08/97	0032	Southpoint Ethanol Site	<1		1.72	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703835	07/08/97	0120	Southpoint Ethanol Site	<1		1.64	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703836	07/08/97	0209	Southpoint Ethanol Site	<1		1.77	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703837	07/08/97	0258	Southpoint Ethanol Site	<1		1.55	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703838	07/08/97	0346	Southpoint Ethanol Site	<1		1.46	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703839	07/08/97	0435	Southpoint Ethanol Site	<1		1.43	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703840	07/08/97	0524	Southpoint Ethanol Site	<1		1.35	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703841	07/08/97	0613	Southpoint Ethanol Site	<1		4.25	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703842	07/08/97	0703	Southpoint Ethanol Site	<1		1.42	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703843	07/08/97	0752	Southpoint Ethanol Site	<1		1.26	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703844	07/08/97	0842	Southpoint Ethanol Site	<1		1.76	B	2.24		<1		<1		<1		<1		<1		<1		<1		<1	
9703845	07/08/97	1239	Southpoint Ethanol Site	<1		1.01	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703846	07/08/97	1334	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703847	07/08/97	1523	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703848	07/08/97	1630	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703849	07/08/97	1719	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703850	07/08/97	1806	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703851	07/08/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703852	07/08/97	1935	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703853	07/08/97	2023	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703854	07/08/97	2111	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703855	07/08/97	2200	Southpoint Ethanol Site	<1		1.72	B	1.05		<1		<1		<1		<1		<1		<1		<1		<1	
9703856	07/08/97	2248	Southpoint Ethanol Site	<1		3.8	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703857	07/08/97	2341	Southpoint Ethanol Site	<1		3.26	B	1.04		<1		<1		<1		<1		<1		<1		<1		<1	
9703858	07/09/97	0030	Southpoint Ethanol Site	<1		3.41	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703859	07/09/97	0119	Southpoint Ethanol Site	<1		3.47	B	1.66		<1		<1		<1		<1		<1		<1		<1		<1	
9703860	07/09/97	0208	Southpoint Ethanol Site	<1		2.97	B	1.16		<1		<1		<1		<1		<1		<1		<1		<1	
9703861	07/09/97	0257	Southpoint Ethanol Site	<1		2.34	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703862	07/09/97	0346	Southpoint Ethanol Site	<1		7.95	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703863	07/09/97	0435	Southpoint Ethanol Site	<1		8.9	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703864	07/09/97	0525	Southpoint Ethanol Site	<1		2.61	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703865	07/09/97	0614	Southpoint Ethanol Site	<1		1.55	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703866	07/09/97	0703	Southpoint Ethanol Site	<1		1.02	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703867	07/09/97	0753	Southpoint Ethanol Site	<1		1	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703868	07/09/97	0844	Southpoint Ethanol Site	<1		1.67	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703869	07/09/97	0935	Southpoint Ethanol Site	<1		1.09	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703870	07/09/97	1026	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703871	07/09/97	1115	Southpoint Ethanol Site	<1		1.05	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703872	07/09/97	1525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703873	07/09/97	1934	Southpoint Ethanol Site	<1		1.79	B	1.43		<1		<1		<1		<1		<1		<1		<1		<1	
9703874	07/09/97	2026	Southpoint Ethanol Site	<1		10.9	B	<1		<1		<1		<1		<1		<1		<1		1.86		<1	
9703875	07/09/97	2117	Southpoint Ethanol Site	<1		<1		<1		<1		<1		7.17	B	<1		<1		<1		<1		<1	

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703831	07/07/97	2207	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703832	07/07/97	2255	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703833	07/07/97	2344	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703834	07/08/97	0032	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703835	07/08/97	0120	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703836	07/08/97	0209	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703837	07/08/97	0258	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703838	07/08/97	0346	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703839	07/08/97	0435	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703840	07/08/97	0524	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703841	07/08/97	0613	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703842	07/08/97	0703	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703843	07/08/97	0752	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703844	07/08/97	0842	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703845	07/08/97	1239	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703846	07/08/97	1334	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703847	07/08/97	1523	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703848	07/08/97	1630	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703849	07/08/97	1719	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703850	07/08/97	1806	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703851	07/08/97	1855	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703852	07/08/97	1935	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703853	07/08/97	2023	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703854	07/08/97	2111	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703855	07/08/97	2200	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703856	07/08/97	2248	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703857	07/08/97	2341	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703858	07/09/97	0030	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703859	07/09/97	0119	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703860	07/09/97	0208	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703861	07/09/97	0257	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703862	07/09/97	0346	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703863	07/09/97	0435	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703864	07/09/97	0525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703865	07/09/97	0614	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703866	07/09/97	0703	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703867	07/09/97	0753	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703868	07/09/97	0844	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703869	07/09/97	0935	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703870	07/09/97	1026	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703871	07/09/97	1115	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703872	07/09/97	1525	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703873	07/09/97	1934	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703874	07/09/97	2026	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703875	07/09/97	2117	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Dichlorodifluoromethane	DichlrdiflmthQual	Chloromethane	Chlrmth Qual	Trichlorofluoro methane	Trichflmth Qual	Carbon Tetrachloride	Ctet Qual	Benzene	Benz Qual	Toluene	Toluene Qual	Ethyl benzene	Ethbenz Qual	1,2-Xylene	12Xy Qual	1,3-Xylene & 1,4-Xylene	13&14XylQual	1,2,4-Trimethyl benzene	124Trmthbnz Qual	1,3,5-Trimethyl benzene	135Trmthbnz Qual
9703876	07/09/97	2207	Southpoint Ethanol Site	10		1.92		2.17		<1		<1		1.27		<1		<1		<1		<1		<1	
9703877	07/09/97	2257	Southpoint Ethanol Site	9.71		1.9		2.18		<1		<1		<1		<1		<1		<1		<1		<1	
9703878	07/09/97	2347	Southpoint Ethanol Site	10.3		1.98		2.19		<1		<1		1.03		<1		<1		<1		<1		<1	
9703879	07/10/97	0037	Southpoint Ethanol Site	9.27		1.96		2.18		<1		<1		<1		<1		<1		<1		<1		<1	
9703880	07/10/97	0128	Southpoint Ethanol Site	9.44		1.86		2.22		<1		<1		<1		<1		<1		<1		<1		<1	
9703881	07/10/97	0218	Southpoint Ethanol Site	9.29		1.76		2.21		<1		<1		<1		<1		<1		<1		<1		<1	
9703882	07/10/97	0309	Southpoint Ethanol Site	9.69		1.81		2.18		<1		<1		1.69		<1		<1		<1		<1		<1	
9703883	07/10/97	0359	Southpoint Ethanol Site	9.84		1.96		2.22		<1		<1		1.81		<1		<1		<1		<1		<1	
9703884	07/10/97	0449	Southpoint Ethanol Site	10		1.97		2.21		<1		<1		1.63		<1		<1		<1		<1		<1	
9703885	07/10/97	0540	Southpoint Ethanol Site	10.1		1.96		2.24		<1		<1		1.36		<1		<1		<1		<1		<1	
9703886	07/10/97	0630	Southpoint Ethanol Site	9.88		1.93		2.18		<1		<1		1.24		<1		<1		<1		<1		<1	
9703887	07/10/97	1144	Southpoint Ethanol Site	9.56		1.85		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9703888	07/10/97	1233	Southpoint Ethanol Site	8.81		1.78		2.09		<1		<1		<1		<1		<1		<1		<1		<1	
9703889	07/10/97	1323	Southpoint Ethanol Site	9.42		1.78		2.18		<1		<1		<1		<1		<1		<1		<1		<1	
9703890	07/10/97	1412	Southpoint Ethanol Site	9.04		1.75		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9703891	07/10/97	1501	Southpoint Ethanol Site	9		1.72		2.14		<1		<1		<1		<1		<1		<1		<1		<1	
9703892	07/10/97	1551	Southpoint Ethanol Site	9.47		1.9		2.13		<1		<1		<1		<1		<1		<1		<1		<1	
9703893	07/10/97	1641	Southpoint Ethanol Site	8.88		1.81		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9703894	07/10/97	1730	Southpoint Ethanol Site	8.97		1.8		2.18		<1		<1		<1		<1		<1		<1		<1		<1	
9703895	07/10/97	1821	Southpoint Ethanol Site	9.83		1.98		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9703896	07/10/97	1912	Southpoint Ethanol Site	9.76		1.91		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9703897	07/10/97	2004	Southpoint Ethanol Site	9.48		1.9		2.07		<1		<1		<1		<1		<1		<1		<1		<1	
9703898	07/10/97	2105	Southpoint Ethanol Site	8.83		1.76		2.18		<1		<1		<1		<1		<1		<1		<1		<1	
9703899	07/10/97	2154	Southpoint Ethanol Site	9.11		1.83		2.15		<1		<1		<1		<1		<1		<1		<1		<1	
9703900	07/10/97	2244	Southpoint Ethanol Site	9.5		1.89		2.13		<1		<1		1.7		1.14		<1		1.08		<1		<1	
9703901	07/10/97	2335	Southpoint Ethanol Site	9.38		1.78		2.25		<1		<1		1.06		<1		<1		<1		<1		<1	
9703902	07/11/97	0025	Southpoint Ethanol Site	10		1.88		2.18		<1		<1		2.13		1.36		<1		1.35		<1		<1	
9703903	07/11/97	0906	Southpoint Ethanol Site	9.41		1.84		2.09		<1		<1		1.69		<1		<1		<1		<1		<1	
9703904	07/11/97	0955	Southpoint Ethanol Site	9.5		1.79		2.21		<1		<1		<1		<1		<1		<1		<1		<1	
			MAX	**16.2**	**0**	**4.76**	**0**	**3.59**	**0**	**0**	**0**	**67.7**	**0**	**134**	**0**	**15.1**	**0**	**10.7**	**0**	**38.1**	**0**	**16.1**	**0**	**5.49**	**0**
			MIN	1.09	0	1.13	0	1.69	0	0	0	1	0	1.01	0	1.01	0	1	0	1.01	0	1	0	1.04	0
			Count	**395**	**0**	**379**	**0**	**248**	**0**	**0**	**0**	**170**	**0**	**239**	**0**	**76**	**0**	**65**	**0**	**177**	**0**	**91**	**0**	**9**	**0**

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	Tetrachloro ethene	TCE Qual	Naphthalene	Naphth Qual	Isoproply benzene (Cumene)	Isoprbnz Qual	1,4-Dichloro benzene	Dchbnz Qual	Dichloromethane	Dichlmth Qual	n-Proplybenzene	nPrpbnz Qual	1,1,1-Trichloro ethane	Trichl Qual	n-Butylbenzene	nButbnz Qual	tert-Butyl benzene	tertButbnz Qual	Styrene	Styr Qual	Bromoform	Bromf Qual
9703876	07/09/97	2207	Southpoint Ethanol Site	<1		1.44	B	<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703877	07/09/97	2257	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703878	07/09/97	2347	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703879	07/10/97	0037	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703880	07/10/97	0128	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703881	07/10/97	0218	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703882	07/10/97	0309	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703883	07/10/97	0359	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703884	07/10/97	0449	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703885	07/10/97	0540	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703886	07/10/97	0630	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		1.27		<1		<1		<1		<1	
9703887	07/10/97	1144	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703888	07/10/97	1233	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703889	07/10/97	1323	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703890	07/10/97	1412	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703891	07/10/97	1501	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703892	07/10/97	1551	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703893	07/10/97	1641	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703894	07/10/97	1730	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703895	07/10/97	1821	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703896	07/10/97	1912	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703897	07/10/97	2004	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703898	07/10/97	2105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703899	07/10/97	2154	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703900	07/10/97	2244	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703901	07/10/97	2335	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703902	07/11/97	0025	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703903	07/11/97	0906	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
9703904	07/11/97	0955	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1		<1		<1	
			MAX	**0**	**0**	**17.4**	**0**	**11.3**	**0**	**0**	**0**	**0**	**0**	**7.17**	**0**	**1.67**	**0**	**1.25**	**0**	**1.73**	**0**	**4.32**	**0**	**0**	**0**
			MIN	0	0	1	0	1.04	0	0	0	0	0	1.5	0	1.18	0	1.25	0	1.63	0	1.33	0	0	0
			Count	**0**	**0**	**126**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**16**	**0**	**1**	**0**	**2**	**0**	**7**	**0**	**0**	**0**

MOBILE SAMPLER DATA
(ug/m^3)

Sample Number	Sample Date	Sample Time	Sample Description	sec-Butylbenzene	secButbnz Qual	CarbonDisulfide	CarbDsif Qual	Hexachloro butadiene	Hxchlbuta Qual	Chloroethane	Chleth Qual	1,2,3-Trichloro benzene	Trichlbnz Qual	Bromomethane	Brmeth Qual	Isopropyltoluene (Cymene)	Isprpytoln Qual	2,2-Dichloro propane	22Dchlprop Qual	1,2,4-Trichloro benzene
9703876	07/09/97	2207	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703877	07/09/97	2257	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703878	07/09/97	2347	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703879	07/10/97	0037	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703880	07/10/97	0128	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703881	07/10/97	0218	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703882	07/10/97	0309	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703883	07/10/97	0359	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703884	07/10/97	0449	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703885	07/10/97	0540	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703886	07/10/97	0630	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703887	07/10/97	1144	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703888	07/10/97	1233	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703889	07/10/97	1323	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703890	07/10/97	1412	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703891	07/10/97	1501	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703892	07/10/97	1551	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703893	07/10/97	1641	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703894	07/10/97	1730	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703895	07/10/97	1821	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703896	07/10/97	1912	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703897	07/10/97	2004	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703898	07/10/97	2105	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703899	07/10/97	2154	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703900	07/10/97	2244	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703901	07/10/97	2335	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703902	07/11/97	0025	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703903	07/11/97	0906	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
9703904	07/11/97	0955	Southpoint Ethanol Site	<1		<1		<1		<1		<1		<1		<1		<1		<1
			MAX	**2.02**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.34**	**0**	**0**	**0**	**1.02**
			MIN	1.1	0	0	0	0	0	0	0	0	0	0	0	1.19	0	0	0	1.02
			Count	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**1**

APPENDIX B
STATISTICAL EVALUATION OF DATA

Descriptive Statistics: Tuesday, November 10, 1998, 14:17:32

Data source: Summa in TriState Stats

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
WV1,3,5-Trimeth	12	0	0.500	0.000	0.000	0.000
WVBromomethane	24	0	0.685	0.908	0.185	0.384
WVIsopropyltolu	24	0	0.500	0.000	0.000	0.000
WV1,2,4-Trimeth	24	0	0.500	0.000	0.000	0.000
WVNaphthalene	24	0	0.500	0.000	0.000	0.000
WVDichlorometha	24	0	4.024	5.783	1.180	2.442
WVChloromethane	24	0	1.400	1.370	0.280	0.579
WVToluene	24	0	0.628	0.629	0.128	0.265
WVBenzene	24	0	0.572	0.353	0.0721	0.149
WVDichlorodiflu	24	0	4.390	4.498	0.918	1.899
SR1,3,5-Trimeth	14	0	0.500	0.000	0.000	0.000
SRBromomethane	25	0	0.500	0.000	0.000	0.000
SRIsopropyltolu	25	0	3.815	7.977	1.595	3.293
SR1,2,4-Trimeth	25	0	0.500	0.000	0.000	0.000
SRNaphthalene	25	0	0.852	1.253	0.251	0.517
SRDichlorometha	25	0	36.642	84.194	16.839	34.754
SRChloromethane	25	0	1.650	1.934	0.387	0.798
Col 53	25	0	2.510	1.818	0.364	0.750
SRBenzene	25	0	1.500	1.596	0.319	0.659
Col 51	26	1	5.891	5.202	1.040	2.147
LW1,3,5-Trimeth	15	0	0.500	0.000	0.000	0.000
LWBromomethane	27	0	0.586	0.446	0.0859	0.177
LWIsopropyltolu	27	0	0.500	0.000	0.000	0.000
LW1,2,4-Trimeth	27	0	0.500	0.000	0.000	0.000
LWNaphthalene	27	0	0.852	1.529	0.294	0.605
LWDichlorometha	27	0	0.787	1.035	0.199	0.409
LWChloromethane	27	0	1.604	1.758	0.338	0.696
LWToluene	27	0	1.074	1.921	0.370	0.760
LWBenzene	27	0	0.936	1.144	0.220	0.453
LWDichlorodiflu	27	0	5.304	4.638	0.893	1.835
KW1,3,5-Trimeth	13	0	0.500	0.000	0.000	0.000
KWBromomethane	24	0	0.500	0.000	0.000	0.000
KWIsopropyltolu	24	0	0.500	0.000	0.000	0.000
KW1,2,4-Trimeth	24	0	0.500	0.000	0.000	0.000
KWNaphthalene	24	0	0.669	0.576	0.118	0.243
KWDichlorometha	24	0	7.833	32.586	6.651	13.760
KWChloromethane	24	0	1.515	1.623	0.331	0.685
KWToluene	24	0	1.280	1.317	0.269	0.556
KWBenzene	24	0	1.296	1.266	0.258	0.534
KWDichlorodiflu	24	0	5.837	5.667	1.157	2.393
KF1,3,5-Trimeth	28	0	0.578	0.410	0.0775	0.159
KFBromomethane	28	0	0.500	0.000	0.000	0.000
KFIsopropyltolu	28	0	0.500	0.000	0.000	0.000
KF1,2,4-Trimeth	28	0	1.055	1.106	0.209	0.429
KFNaphthalene	28	0	0.849	1.295	0.245	0.502
KFDichlorometha	28	0	2.360	5.307	1.003	2.058
KFChloromethane	28	0	1.262	1.247	0.236	0.483
KFToluene	28	0	6.714	6.261	1.183	2.428
KFBenzene	28	0	5.378	6.213	1.174	2.409
KFDichlorodiflu	28	0	9.686	5.605	1.059	2.173
CF1,3,5-Trimeth	14	0	0.500	0.000	0.000	0.000
CFBromomethane	24	0	0.500	0.000	0.000	0.000

CDNaphthalene	25	0	0.755	0.883	0.177	0.365	CFIsopro
pyltolu	24	0	0.627	0.622	0.127	0.262	
CF1,2,4-Trimeth	24	0	0.646	0.496	0.101	0.210	
CFNaphthalene	24	0	0.934	1.146	0.234	0.484	
CFDichlorometha	24	0	1.022	1.650	0.337	0.697	
CFChloromethane	24	0	1.264	1.231	0.251	0.520	
CFBenzene	24	0	2.388	2.402	0.490	1.014	
CFToluene	24	0	2.991	2.968	0.606	1.253	
CFDichlorodiflu	24	0	6.995	5.631	1.149	2.378	
CDDichlorodiflu	25	0	6.931	5.063	1.013	2.090	
CDBromomethane	25	0	0.500	0.000	0.000	0.000	
CDDichlorodiflu	25	0	6.931	5.063	1.013	2.090	

Column	**Range**	**Max**	**Min**	**Median**	**5%**	**95%**
WV1,3,5-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
WVBromomethane	4.450	4.950	0.500	0.500	0.500	1.835
WVIsopropyltolu	0.000	0.500	0.500	0.500	0.500	0.500
WV1,2,4-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
WVNaphthalene	0.000	0.500	0.500	0.500	0.500	0.500
WVDichlorometha	23.100	23.600	0.500	1.360	0.500	19.610
WVChloromethane	3.680	4.180	0.500	0.500	0.500	4.124
WVToluene	3.080	3.580	0.500	0.500	0.500	1.424
WVBenzene	1.730	2.230	0.500	0.500	0.500	1.019
WVDichlorodiflu	13.900	14.400	0.500	2.870	0.500	13.700
SR1,3,5-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
SRBromomethane	0.000	0.500	0.500	0.500	0.500	0.500
SRIsopropyltolu	28.400	28.900	0.500	0.500	0.500	28.375
SR1,2,4-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
SRNaphthalene	5.410	5.910	0.500	0.500	0.500	4.395
SRDichlorometha	317.500	318.000	0.500	4.190	0.500	302.250
SRChloromethane	5.700	6.200	0.500	0.500	0.500	5.338
Col 53	6.900	7.400	0.500	2.830	0.500	5.480
SRBenzene	5.280	5.780	0.500	0.500	0.500	4.753
Col 51	17.100	17.600	0.500	6.180	0.500	15.200
LW1,3,5-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
LWBromomethane	2.320	2.820	0.500	0.500	0.500	0.848
LWIsopropyltolu	0.000	0.500	0.500	0.500	0.500	0.500
LW1,2,4-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
LWNaphthalene	7.830	8.330	0.500	0.500	0.500	3.103
LWDichlorometha	4.010	4.510	0.500	0.500	0.500	4.281
LWChloromethane	6.140	6.640	0.500	0.500	0.500	5.195
LWToluene	9.220	9.720	0.500	0.500	0.500	4.756
LWBenzene	4.760	5.260	0.500	0.500	0.500	3.322
LWDichlorodiflu	13.900	14.400	0.500	5.500	0.500	13.210
KW1,3,5-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
KWBromomethane	0.000	0.500	0.500	0.500	0.500	0.500
KWIsopropyltolu	0.000	0.500	0.500	0.500	0.500	0.500
KW1,2,4-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500
KWNaphthalene	2.220	2.720	0.500	0.500	0.500	2.454
KWDichlorometha	159.500	160.000	0.500	0.500	0.500	59.900
KWChloromethane	3.990	4.490	0.500	0.500	0.500	4.238
KWToluene	4.170	4.670	0.500	0.500	0.500	4.194
KWBenzene	4.610	5.110	0.500	0.500	0.500	3.724
KWDichlorodiflu	16.700	17.200	0.500	5.515	0.500	16.220
KF1,3,5-Trimeth	2.170	2.670	0.500	0.500	0.500	0.717
KFBromomethane	0.000	0.500	0.500	0.500	0.500	0.500

KFIsopropyltolu	0.000	0.500	0.500	0.500	0.500	0.500	KF1,2,4-Trimeth
3.300	3.800	0.500	0.500	0.500	3.638		
KFNaphthalene	5.590	6.090	0.500	0.500	0.500	4.821	
KFDichlorometha	26.600	27.100	0.500	0.500	0.500	10.999	
KFChloromethane	3.390	3.890	0.500	0.500	0.500	3.512	
KFToluene	23.900	24.400	0.500	5.195	0.500	22.240	
KFBenzene	27.100	27.600	0.500	3.220	0.500	18.960	
KFDichlorodiflu	20.300	20.800	0.500	9.500	0.500	19.360	
CF1,3,5-Trimeth	0.000	0.500	0.500	0.500	0.500	0.500	
CFBromomethane	0.000	0.500	0.500	0.500	0.500	0.500	
CDNaphthalene	3.200	3.700	0.500	0.500	0.500	3.685	
CFIsopropyltolu	3.045	3.545	0.500	0.500	0.500	1.413	
CF1,2,4-Trimeth	1.885	2.385	0.500	0.500	0.500	2.200	
CFNaphthalene	4.850	5.350	0.500	0.500	0.500	3.659	
CFDichlorometha	7.450	7.950	0.500	0.500	0.500	4.947	
CFChloromethane	4.050	4.550	0.500	0.500	0.500	3.685	
CFBenzene	9.710	10.210	0.500	1.618	0.500	6.654	
CFToluene	11.100	11.600	0.500	1.723	0.500	9.160	
CFDichlorodiflu	16.300	16.800	0.500	7.410	0.500	16.380	
CDDichlorodiflu	16.400	16.900	0.500	6.970	0.500	15.175	
CDBromomethane	0.000	0.500	0.500	0.500	0.500	0.500	
CDDichlorodiflu	16.400	16.900	0.500	6.970	0.500	15.175	

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
WV1,3,5-Trimeth	0.000	-2.444	0.000	<0.001	6.000	3.000
WVBromomethane	4.899	24.000	0.539	<0.001	16.450	30.253
WVIsopropyltolu	0.000	-2.190	0.000	<0.001	12.000	6.000
WV1,2,4-Trimeth	0.000	-2.190	0.000	<0.001	12.000	6.000
WVNaphthalene	0.000	-2.190	0.000	<0.001	12.000	6.000
WVDichlorometha	2.394	5.969	0.271	<0.001	96.580	1157.783
WVChloromethane	1.096	-0.398	0.411	<0.001	33.600	90.237
WVToluene	4.899	24.000	0.539	<0.001	15.080	18.566
WVBenzene	4.899	24.000	0.539	<0.001	13.730	10.723
WVDichlorodiflu	0.768	-0.467	0.306	<0.001	105.370	927.890
SR1,3,5-Trimeth	0.000	-2.364	0.000	<0.001	7.000	3.500
SRBromomethane	0.000	-2.182	0.000	<0.001	12.500	6.250
SRIsopropyltolu	2.708	6.610	0.421	<0.001	95.370	1890.895
SR1,2,4-Trimeth	0.000	-2.182	0.000	<0.001	12.500	6.250
SRNaphthalene	3.604	12.670	0.531	<0.001	21.300	55.810
SRDichlorometha	2.984	8.184	0.344	<0.001	916.050	203694.835
SRChloromethane	1.240	-0.159	0.444	<0.001	41.240	157.790
Col 53	0.578	0.418	0.226	0.002	62.750	236.789
SRBenzene	1.319	0.601	0.415	<0.001	37.500	117.355
Col 51	0.450	-0.747	0.250	<0.001	147.280	1517.152
LW1,3,5-Trimeth	0.000	-2.333	0.000	<0.001	7.500	3.750
LWBromomethane	5.196	27.000	0.539	<0.001	15.820	14.452
LWIsopropyltolu	0.000	-2.167	0.000	<0.001	13.500	6.750
LW1,2,4-Trimeth	0.000	-2.167	0.000	<0.001	13.500	6.750
LWNaphthalene	4.874	24.377	0.517	<0.001	23.010	80.391
LWDichlorometha	3.455	10.753	0.535	<0.001	21.250	44.568
LWChloromethane	1.459	1.325	0.402	<0.001	43.300	149.840
LWToluene	3.966	16.861	0.506	<0.001	28.990	127.025
LWBenzene	2.777	7.694	0.500	<0.001	25.280	57.716
LWDichlorodiflu	0.377	-1.077	0.257	<0.001	143.200	1318.889
KW1,3,5-Trimeth	0.000	-2.400	0.000	<0.001	6.500	3.250
KWBromomethane	0.000	-2.190	0.000	<0.001	12.000	6.000

KWIsopropyltolu	0.000	-2.190	0.000	<0.001	12.000	6.000	KW1,2,4-Trimeth
0.000	-2.190	0.000	<0.001	12.000	6.000		
KWNaphthalene	3.274	9.659	0.532	<0.001	16.060	18.374	
KWDichlorometha	4.819	23.419	0.506	<0.001	188.000	25894.500	
KWChloromethane	1.012	-1.016	0.442	<0.001	36.350	115.616	
KWToluene	1.403	0.688	0.431	<0.001	30.720	79.232	
KWBenzene	1.519	1.944	0.402	<0.001	31.110	77.176	
KWDichlorodiflu	0.713	-0.696	0.244	<0.001	140.100	1556.378	
KF1,3,5-Trimeth	5.292	28.000	0.539	<0.001	16.170	13.879	
KFBromomethane	0.000	-2.160	0.000	<0.001	14.000	7.000	
KFIsopropyltolu	0.000	-2.160	0.000	<0.001	14.000	7.000	
KF1,2,4-Trimeth	1.635	1.011	0.478	<0.001	29.550	64.227	
KFNaphthalene	3.653	12.576	0.535	<0.001	23.770	65.490	
KFDichlorometha	4.129	18.678	0.387	<0.001	66.080	916.295	
KFChloromethane	1.113	-0.647	0.444	<0.001	35.340	86.569	
KFToluene	1.688	2.560	0.210	0.003	187.980	2320.415	
KFBenzene	2.283	5.702	0.252	<0.001	150.580	1852.188	
KFDichlorodiflu	0.0691	-0.386	0.0993	0.622	271.220	3475.419	
CF1,3,5-Trimeth	0.000	-2.364	0.000	<0.001	7.000	3.500	
CFBromomethane	0.000	-2.190	0.000	<0.001	12.000	6.000	
CDNaphthalene	3.298	9.641	0.534	<0.001	18.880	32.982	
CFIsopropyltolu	4.899	24.000	0.539	<0.001	15.045	18.317	
CF1,2,4-Trimeth	3.256	9.475	0.532	<0.001	15.505	15.683	
CFNaphthalene	3.048	9.766	0.481	<0.001	22.405	51.138	
CFDichlorometha	3.702	14.525	0.499	<0.001	24.525	87.680	
CFChloromethane	1.394	0.776	0.399	<0.001	30.340	73.233	
CFBenzene	1.615	3.426	0.242	<0.001	57.320	269.589	
CFToluene	1.319	1.552	0.204	0.011	71.795	417.410	
CFDichlorodiflu	0.204	-1.259	0.209	0.008	167.875	1903.597	
CDDichlorodiflu	0.178	-0.864	0.178	0.040	173.280	1816.343	
CDBromomethane	0.000	-2.182	0.000	<0.001	12.500	6.250	
CDDichlorodiflu	0.178	-0.864	0.178	0.040	173.280	1816.343	

Descriptive Statistics: Tuesday, November 10, 1998, 13:51:34

Data source: Summa in TriState Stats

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
CDDichlorodiflu	25	0	6.931	5.063	1.013	2.090

Column	Range	Max	Min	Median	5%	95%
CDDichlorodiflu	16.400	16.900	0.500	6.970	0.500	15.175

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
CDDichlorodiflu	0.178	-0.864	0.178	0.040	173.280	1816.343

Statistics for SUMMA
Lognormal data

CDBenzene		CDToluene		CDChloromethane		CDDichloromethane		CDNaphthalene		CD1,2,4-Trimethylbenzene		CFBenzene		CFChloromethane		CFDichloromethane		CFNaph
Mean	0.5382	Mean	0.7019	Mean	-0.2388	Mean	-0.2495	Mean	-0.5332	Mean	-0.5564	Mean	0.3620	Mean	-0.1390	Mean	-0.4293	Mean
Standard	0.2572	Standard	0.2548	Standard	0.1669	Standard	0.1863	Standard	0.1107	Standard Error	0.0964	Standard	0.2167	Standard	0.1686	Standard	0.1500	Standard
Median	0.8879	Median	1.0986	Median	-0.6931	Median	-0.6931	Median	-0.6931	Median	-0.6931	Median	0.4764	Median	-0.6931	Median	-0.6931	Median
Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode
Standard	1.2860	Standard	1.2741	Standard	0.8345	Standard	0.9315	Standard	0.5534	Standard Deviation	0.4819	Standard	1.0615	Standard	0.8260	Standard	0.7350	Standard
Sample V	1.6537	Sample V	1.6232	Sample V	0.6964	Sample V	0.8677	Sample V	0.3063	Sample Variance	0.2322	Sample V	1.1268	Sample V	0.6823	Sample V	0.5402	Sample V
Kurtosis	-1.0080	Kurtosis	-0.6632	Kurtosis	0.0005	Kurtosis	1.5835	Kurtosis	9.6409	Kurtosis	11.6480	Kurtosis	-1.6390	Kurtosis	-0.9469	Kurtosis	6.4651	Kurtosis
Skewness	0.3902	Skewness	0.2545	Skewness	1.3757	Skewness	1.7917	Skewness	3.2975	Skewness	3.4997	Skewness	0.2100	Skewness	0.9481	Skewness	2.7104	Skewness
Range	4.2017	Range	4.4403	Range	2.2386	Range	2.7383	Range	2.0015	Range	2.0229	Range	3.0165	Range	2.2083	Range	2.7663	Range
Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum
Maximum	3.5086	Maximum	3.7471	Maximum	1.5454	Maximum	2.0451	Maximum	1.3083	Maximum	1.3297	Maximum	2.3234	Maximum	1.5151	Maximum	2.0732	Maximum
Sum	13.4549	Sum	17.5476	Sum	-5.9708	Sum	-6.2382	Sum	-13.3311	Sum	-13.9096	Sum	8.6876	Sum	-3.3350	Sum	-10.3038	Sum
Count	25.0000	Count	25.0000	Count	25.0000	Count	25.0000	Count	25.0000	Count	25.0000	Count	24.0000	Count	24.0000	Count	24.0000	Count
Confidenc	0.5308	Confidenc	0.5259	Confidenc	0.3445	Confidenc	0.3845	Confidenc	0.2284	Confidence Level(95.0%)	0.1989	Confidenc	0.4482	Confidenc	0.3488	Confidenc	0.3104	Confidenc

Statistics for SUMMA
Lognormal data

halene	CF1,2,4-Trimethylbenz	2-Isopropyltoluene(Cym	KFBenzene	KFChloromethane	KFDichloromethane	KFNaphthalene	KF1,2,4-Trimethylbenze	KF1,3,5-Trimethylbenze	KWBenzene
-0.4047 Mean	-0.5679 Mean	-0.6115 Mean	1.0840 Mean	-0.1680 Mean	-0.0977 Mean	-0.5240 Mean	-0.3053 Mean	-0.6333 Mean	-0.1211
0.1394 Standard	0.0867 Standard	0.0816 Standard	0.2275 Standard	0.1603 Standard	0.2131 Standard	0.1176 Standard	0.1436 Standard	0.0598 Standard	0.1716
-0.6931 Median	-0.6931 Median	-0.6931 Median	1.1694 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931
-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931
0.6828 Standard	0.4248 Standard	0.3998 Standard	1.2040 Standard	0.8484 Standard	1.1278 Standard	0.6221 Standard	0.7598 Standard	0.3166 Standard	0.8405
0.4663 Sample V	0.1805 Sample V	0.1599 Sample V	1.4496 Sample V	0.7198 Sample V	1.2719 Sample V	0.3870 Sample V	0.5773 Sample V	0.1002 Sample V	0.7064
3.6905 Kurtosis	9.2191 Kurtosis	24.0000 Kurtosis	-0.7340 Kurtosis	-0.9858 Kurtosis	2.1456 Kurtosis	11.3980 Kurtosis	0.3541 Kurtosis	28.0000 Kurtosis	-1.0951
2.2060 Skewness	3.2296 Skewness	4.8990 Skewness	-0.2744 Skewness	1.0267 Skewness	1.7588 Skewness	3.5400 Skewness	1.5079 Skewness	5.2915 Skewness	0.8812
2.3702 Range	1.5623 Range	1.9587 Range	4.0110 Range	2.0516 Range	3.9927 Range	2.4998 Range	2.0281 Range	1.6752 Range	2.3243
-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931
1.6771 Maximum	0.8692 Maximum	1.2655 Maximum	3.3178 Maximum	1.3584 Maximum	3.2995 Maximum	1.8066 Maximum	1.3350 Maximum	0.9821 Maximum	1.6312
-9.7137 Sum	-13.6286 Sum	-14.6768 Sum	30.3529 Sum	-4.7044 Sum	-2.7354 Sum	-14.6719 Sum	-8.5480 Sum	-17.7329 Sum	-2.9067
24.0000 Count	24.0000 Count	24.0000 Count	28.0000 Count	28.0000 Count	28.0000 Count	28.0000 Count	28.0000 Count	28.0000 Count	24.0000
0.2883 Confidenc	0.1794 Confidenc	0.1688 Confidenc	0.4669 Confidenc	0.3290 Confidenc	0.4373 Confidenc	0.2412 Confidenc	0.2946 Confidenc	0.1228 Confidenc	0.3549

Statistics for SUMMA
Lognormal data

KWChloromethane		KWDichloromethane		KWNaphthalene		LWDichlorodifluoromethane		LWBenzene		LWToluene		LWChloromethane		LWDichloromethane		LWNaphtha
Mean	-0.0889	Mean	-0.3059	Mean	-0.5583	Mean	0.9619	Mean	-0.4132	Mean	-0.4365	Mean	-0.0320	Mean	-0.5325	Mean
Standard	0.1965	Standard	0.2762	Standard	0.0934	Standard Error	0.2735	Standard	0.1332	Standard	0.1456	Standard	0.1864	Standard	0.1114	Standard Error
Median	-0.6931	Median	-0.6931	Median	-0.6931	Median	1.7047	Median	-0.6931	Median	-0.6931	Median	-0.6931	Median	-0.6931	Median
Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode
Standard	0.9626	Standard	1.3531	Standard	0.4575	Standard Deviation	1.4210	Standard	0.6924	Standard	0.7567	Standard	0.9686	Standard	0.5788	Standard Deviatio
Sample V	0.9267	Sample V	1.8308	Sample V	0.2093	Sample Variance	2.0194	Sample V	0.4794	Sample V	0.5726	Sample V	0.9382	Sample V	0.3350	Sample Variance
Kurtosis	-1.1221	Kurtosis	12.3327	Kurtosis	9.2578	Kurtosis	-1.9159	Kurtosis	3.4157	Kurtosis	7.2551	Kurtosis	-1.1470	Kurtosis	10.6842	Kurtosis
Skewness	0.9848	Skewness	3.5510	Skewness	3.2336	Skewness	-0.2968	Skewness	2.2156	Skewness	2.8588	Skewness	0.8665	Skewness	3.4486	Skewness
Range	2.1950	Range	5.7683	Range	1.6938	Range	3.3604	Range	2.3533	Range	2.9673	Range	2.5863	Range	2.1994	Range
Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum
Maximum	1.5019	Maximum	5.0752	Maximum	1.0006	Maximum	2.6672	Maximum	1.6601	Maximum	2.2742	Maximum	1.8931	Maximum	1.5063	Maximum
Sum	-2.1347	Sum	-7.3409	Sum	-13.3985	Sum	25.9718	Sum	-11.1574	Sum	-11.7847	Sum	-0.8639	Sum	-14.3778	Sum
Count	24.0000	Count	24.0000	Count	24.0000	Count	27.0000	Count	27.0000	Count	27.0000	Count	27.0000	Count	27.0000	Count
Confidenc	0.4065	Confidenc	0.5714	Confidenc	0.1932	Confidence Level(95.0%)	0.5621	Confidenc	0.2739	Confidenc	0.2993	Confidenc	0.3832	Confidenc	0.2290	Confidence Level

Statistics for SUMMA
Lognormal data

ene	LW1,2,4-Trimethylbenzen	LWIsopropyltoluene(Cymene)	LWBromomethane	LW1,3,5-Trimethylbenzene	SRBenzene	SRChloromethane	SRDichloromethane	SRNaphthalene
-0.5344 Mean	-0.6931 Mean	-0.6931 Mean	-0.6291 Mean	-0.6931 Mean	-0.0703 Mean	-0.0759 Mean	1.6148 Mean	-0.5123
0.1157 Standard Error	0.0000 Standard Error	0.0000 Standard Err	0.0641 Standard Error	0.0000 Standard	0.1877 Standard	0.2030 Standard	0.4151 Standard	0.1258
-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	-0.6931 Median	1.4327 Median	-0.6931
-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931 Mode	-0.6931
0.6013 Standard Devi	0.0000 Standard Deviation	0.0000 Standard De	0.3329 Standard Deviation	0.0000 Standard	0.9386 Standard	1.0148 Standard	2.0753 Standard	0.6289
0.3616 Sample Varian	0.0000 Sample Variance	0.0000 Sample Vari	0.1108 Sample Variance	0.0000 Sample V	0.8809 Sample V	1.0299 Sample V	4.3070 Sample V	0.3955
16.1288 Kurtosis	-2.1667 Kurtosis	-2.1667 Kurtosis	27.0000 Kurtosis	#DIV/0! Kurtosis	-1.1276 Kurtosis	-0.8700 Kurtosis	-0.6999 Kurtosis	10.1795
3.9868 Skewness	-1.0598 Skewness	-1.0598 Skewness	5.1962 Skewness	#DIV/0! Skewness	0.9110 Skewness	1.0754 Skewness	0.5033 Skewness	3.3514
2.8130 Range	0.0000 Range	0.0000 Range	1.7299 Range	0.0000 Range	2.4476 Range	2.5177 Range	6.4552 Range	2.4698
-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931 Minimum	-0.6931
2.1199 Maximum	-0.6931 Maximum	-0.6931 Maximum	1.0367 Maximum	-0.6931 Maximum	1.7544 Maximum	1.8245 Maximum	5.7621 Maximum	1.7766
-14.4295 Sum	-18.7150 Sum	-18.7150 Sum	-16.9851 Sum	-10.3972 Sum	-1.7586 Sum	-1.8964 Sum	40.3700 Sum	-12.8073
27.0000 Count	27.0000 Count	27.0000 Count	27.0000 Count	15.0000 Count	25.0000 Count	25.0000 Count	25.0000 Count	25.0000
0.2379 Confidence Le	0.0000 Confidence Level(95.0%)	0.0000 Confidence	0.1317 Confidence Level(9	0.0000 Confidenc	0.3874 Confidenc	0.4189 Confidenc	0.8567 Confidenc	0.2596

Statistics for SUMMA
Lognormal data

SRIsopropyltoluene(Cymene		WVBenzene		WVChloromethane		WVDichloromethane		WVNaphthalene	
Mean	0.0381	Mean	-0.6308	Mean	-0.0829	Mean	0.5327	Mean	-0.6931
Standard Error	0.2777	Standard	0.0623	Standard	0.1820	Standard	0.2751	Standard	0.0000
Median	-0.6931	Median	-0.6931	Median	-0.6931	Median	0.0522	Median	-0.6931
Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931	Mode	-0.6931
Standard Deviati	1.3886	Standard	0.3052	Standard	0.8914	Standard	1.3476	Standard	0.0000
Sample Variance	1.9282	Sample V	0.0931	Sample V	0.7947	Sample V	1.8159	Sample V	0.0000
Kurtosis	1.0437	Kurtosis	24.0000	Kurtosis	-1.3119	Kurtosis	-1.3072	Kurtosis	#DIV/0!
Skewness	1.5995	Skewness	4.8990	Skewness	0.8313	Skewness	0.4518	Skewness	#DIV/0!
Range	4.0570	Range	1.4951	Range	2.1235	Range	3.8544	Range	0.0000
Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931	Minimum	-0.6931
Maximum	3.3638	Maximum	0.8020	Maximum	1.4303	Maximum	3.1612	Maximum	-0.6931
Sum	0.9529	Sum	-15.1404	Sum	-1.9908	Sum	12.7857	Sum	-16.6355
Count	25.0000	Count	24.0000	Count	24.0000	Count	24.0000	Count	24.0000
Confidence Level	0.5732	Confidenc	0.1289	Confidenc	0.3764	Confidenc	0.5690	Confidenc	0.0000

Formula for calculating 95%UCL of the mean for normal or lognormal data

SUMMA	*LN*	*LN*	*LN*	*LN*	*LN*	*LN*
	CDbenz	CDtol	CDChloromet	CDDichlrome	CDNapth	CD124Trimethbez
mean	0.5382	0.7019	-0.2388	-0.2495	-0.5332	-0.5564
sd	1.286	1.2741	0.8345	0.9315	0.5534	0.4819
n	25	25	25	25	25	25
t or H	2.923	2.923	2.307	2.432	2.085	1.989
^95UCL	8.43505445	9.715896739	1.652638653	1.909364753	0.865414	0.782991542

	LN	LN	LN	LN	LN	LN	LN
	CFBenz	CFChlorometh	CFDichlormet	CFNapth	CF124Trimeth	CFIsoproptolu	CFIsopropBENZ
mean	0.362	-0.139	-0.4293	-0.4047	-0.5679	-0.6115	-0.6439
sd	1.0615	0.826	0.735	0.6828	0.4248	0.3998	0.2412
n	24	24	24	24	24	24	24
t or H	2.564	2.307	2.191	2.191	1.989	1.905	1.771
^95UCL	4.449990167	1.821170296	1.193154911	1.150674819	0.739713	0.688822652	0.591117079

	Normal	LN	LN	LN	LN	LN	LN
	Kfdichldiflou	KFBenze	KFChlorometh	KFDichlorometh	KFNapth	KF124Trimethbz	KF135Trimethb
mean	9.686	1.084	-0.168	-0.0977	-0.524	-0.3053	-0.6333
sd	5.605	1.204	0.8484	1.1278	0.6221	0.7598	0.3166
n	28	28	28	28	28	28	28
t or H	1.701	2.737	2.202	2.423	2.01	2.202	1.793
^95UCL	11.48777649	11.50748874	1.735719583	2.898423495	0.914066	1.357075938	0.622547548

	LN	LN	LN	LN
	KWBenz	KWChlrometh	KWDichlromet	KWNapth
mean	-0.1211	-0.0889	-0.3059	-0.5583
sd	0.8405	0.9626	1.3531	0.4575
n	24	24	24	24
t or H	2.307	2.564	2.923	1.989
^95UCL	1.889734908	2.432781225	4.196444085	0.76804609

	LN	LN	LN	LN	LN
	LWBenze	Lwbromometh	LWChlorometh	LWDichlorom	LWNapth
mean	-0.4132	-0.6291	-0.032	-0.5325	-0.5344
sd	0.6924	0.3329	0.9686	0.5788	0.6013
n	27	27	27	27	27
t or H	2.102	1.793	2.423	2.01	2.01
^95UCL	1.118447057	0.633415234	2.453121827	0.872113	0.889949424

	LN	LN	LN	LN	LN
	SRBenze	SRChlorometh	SRDichlromet	SRNapth	SRIsoproptol
mean	-0.0703	-0.0759	1.6148	-0.5123	0.0381
sd	0.9386	1.0148	2.0753	0.6289	1.3886
n	25	25	25	25	25
t or H	2.564	2.564	4.141	2.085	3.311
^95UCL	2.366528482	2.638286803	250.2450545	0.954198763	6.963605

	WVBenze	WVChlrometh	WVDichlorom	WVNApth	WVBromometh
mean	-0.6308	-0.0829	0.5327	-0.6931	-0.5976
sd	0.3052	0.8914	1.3476	0	0.46796
n	24	24	24	24	24
t or H	1.833	2.432	2.923	1.722	1.928
^95UCL	0.62651853	2.152074388	9.602835441	0.500023591	0.740833

Descriptive Statistics: Tuesday, November 10, 1998, 14:22:46

Data source: Puf in TriState Stats

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
WVPhenanth	30	0	0.250	0.000	0.000	0.000
WVNaphthal	30	0	0.240	0.0381	0.00695	0.0142
WVAcenaphth	30	0	0.250	0.000	0.000	0.000
SRPhenanth	30	0	0.250	0.000	0.000	0.000
SRNaphthal	30	0	0.232	0.178	0.0326	0.0666
SWAcenaphth	30	0	0.250	0.000	0.000	0.000
LWPhenanth	30	0	0.250	0.000	0.000	0.000
LWNaphthal	30	0	0.215	0.0612	0.0112	0.0228
LWAcenaphth	30	0	0.250	0.000	0.000	0.000
KWPhenanth	31	0	0.250	0.000	0.000	0.000
KWNaphthal	31	0	0.206	0.0938	0.0168	0.0344
KWAcenaphth	31	0	0.248	0.00898	0.00161	0.00329
KFPhenanth	28	0	0.212	0.0661	0.0125	0.0256
KFNaphthal	28	0	0.409	0.425	0.0803	0.165
KFAcenaphth	28	0	0.236	0.0420	0.00794	0.0163
CNPhenanth	21	0	0.242	0.0329	0.00718	0.0150
CNNaphthal	21	0	0.304	0.309	0.0674	0.141
CNAcenaphth	21	0	0.239	0.0359	0.00782	0.0163
CDPhenanth	30	0	0.250	0.000	0.000	0.000
CDNaphthal	30	0	0.330	0.361	0.0660	0.135
CDAcenaphth	30	0	0.250	0.000	0.000	0.000

Column	Range	Max	Min	Median	5%	95%
WVPhenanth	0.000	0.250	0.250	0.250	0.250	0.250
WVNaphthal	0.150	0.250	0.1000	0.250	0.1000	0.250
WVAcenaphth	0.000	0.250	0.250	0.250	0.250	0.250
SRPhenanth	0.000	0.250	0.250	0.250	0.250	0.250
SRNaphthal	0.900	1.000	0.1000	0.200	0.1000	0.600
SWAcenaphth	0.000	0.250	0.250	0.250	0.250	0.250
LWPhenanth	0.000	0.250	0.250	0.250	0.250	0.250
LWNaphthal	0.200	0.300	0.1000	0.250	0.1000	0.250
LWAcenaphth	0.000	0.250	0.250	0.250	0.250	0.250
KWPhenanth	0.000	0.250	0.250	0.250	0.250	0.250
KWNaphthal	0.400	0.500	0.1000	0.250	0.1000	0.393
KWAcenaphth	0.0500	0.250	0.200	0.250	0.250	0.250
KFPhenanth	0.150	0.250	0.1000	0.250	0.1000	0.250
KFNaphthal	1.700	1.800	0.1000	0.300	0.1000	1.440
KFAcenaphth	0.150	0.250	0.1000	0.250	0.1000	0.250
CNPhenanth	0.150	0.250	0.1000	0.250	0.169	0.250
CNNaphthal	1.200	1.300	0.1000	0.200	0.1000	1.135
CNAcenaphth	0.150	0.250	0.1000	0.250	0.141	0.250
CDPhenanth	0.000	0.250	0.250	0.250	0.250	0.250
CDNaphthal	1.400	1.500	0.1000	0.225	0.1000	1.300
CDAcenaphth	0.000	0.250	0.250	0.250	0.250	0.250

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
WVPhenanth	0.000	-2.148	0.000	<0.001	7.500	1.875
WVNaphthal	-3.660	12.207	0.537	<0.001	7.200	1.770
WVAcenaphth	0.000	-2.148	0.000	<0.001	7.500	1.875
SRPhenanth	0.000	-2.148	0.000	<0.001	7.500	1.875
SRNaphthal	3.175	12.194	0.359	<0.001	6.950	2.532
SWAcenaphth	0.000	-2.148	0.000	<0.001	7.500	1.875

LWPhenanth	0.000	-2.148	0.000	<0.001	7.500	1.875	LWNaphthal	-1.203
-0.0466	0.381	<0.001	6.460	1.500				
LWAcenaphth	0.000	-2.148	0.000	<0.001	7.500	1.875		
KWPhenanth	0.000	-2.143	0.000	<0.001	7.750	1.938		
KWNaphthal	0.936	2.031	0.257	<0.001	6.400	1.585		
KWAcenaphth	-5.568	31.000	0.539	<0.001	7.700	1.915		
KFPhenanth	-1.221	-0.554	0.465	<0.001	5.950	1.383		
KFNaphthal	2.128	4.334	0.272	<0.001	11.450	9.563		
KFAcenaphth	-2.910	7.324	0.523	<0.001	6.610	1.608		
CNPhenanth	-4.397	19.682	0.505	<0.001	5.075	1.248		
CNNaphthal	2.400	5.660	0.283	<0.001	6.375	3.844		
CNAcenaphth	-3.530	12.578	0.522	<0.001	5.025	1.228		
CDPhenanth	0.000	-2.148	0.000	<0.001	7.500	1.875		
CDNaphthal	2.385	5.025	0.300	<0.001	9.900	7.055		
CDAcenaphth	0.000	-2.148	0.000	<0.001	7.500	1.875		

Stats for PUF
Lognormal data

CDAcenaphth		CDNaphthal		CDPhenanth		CNAcenaphth		CNNaphthal		CNPhenanth		KFAcenaphth		KFNaphthal		KFPhe
Mean	-1.386	Mean	-1.495	Mean	-1.386	Mean	-1.447	Mean	-1.509	Mean	-1.435	Mean	-1.468	Mean	-1.291	Mean
Standard Error	0.000	Standard	0.153	Standard	0.000	Standard	0.046	Standard	0.163	Standard	0.044	Standard	0.047	Standard	0.167	Standard
Median	-1.386	Median	-1.498	Median	-1.386	Median	-1.386	Median	-1.609	Median	-1.386	Median	-1.386	Median	-1.204	Median
Mode	-1.386	Mode	-2.303	Mode	-1.386	Mode	-1.386	Mode	-2.303	Mode	-1.386	Mode	-1.386	Mode	-2.303	Mode
Standard Deviation	0.000	Standard	0.808	Standard	0.000	Standard	0.211	Standard	0.748	Standard	0.200	Standard	0.250	Standard	0.882	Standard
Sample Variance	0.000	Sample V	0.653	Sample V	0.000	Sample V	0.044	Sample V	0.560	Sample V	0.040	Sample V	0.063	Sample V	0.778	Sample V
Kurtosis	-2.160	Kurtosis	0.474	Kurtosis	-2.160	Kurtosis	15.062	Kurtosis	0.453	Kurtosis	20.361	Kurtosis	8.294	Kurtosis	-0.603	Kurtosis
Skewness	-1.058	Skewness	0.960	Skewness	-1.058	Skewness	-3.818	Skewness	0.937	Skewness	-4.490	Skewness	-3.046	Skewness	0.418	Skewness
Range	0.000	Range	2.708	Range	0.000	Range	0.916	Range	2.565	Range	0.916	Range	0.916	Range	2.890	Range
Minimum	-1.386	Minimum	-2.303	Minimum	-1.386	Minimum	-2.303	Minimum	-2.303	Minimum	-2.303	Minimum	-2.303	Minimum	-2.303	Minimum
Maximum	-1.386	Maximum	0.405	Maximum	-1.386	Maximum	-1.386	Maximum	0.262	Maximum	-1.386	Maximum	-1.386	Maximum	0.588	Maximum
Sum	-38.816	Sum	-41.865	Sum	-38.816	Sum	-30.385	Sum	-31.691	Sum	-30.134	Sum	-41.095	Sum	-36.158	Sum
Count	28.000	Count	28.000	Count	28.000	Count	21.000	Count	21.000	Count	21.000	Count	28.000	Count	28.000	Count
Confidence Level(95.0%)	0.000	Confidenc	0.313	Confidenc	0.000	Confidenc	0.096	Confidenc	0.341	Confidenc	0.091	Confidenc	0.097	Confidenc	0.342	Confidenc

Stats for PUF
Lognormal data

anth		KWAcenaphth		KWNaphthal		KWPhenanth		LWAcenaphth		LWNaphthal		LWPhenanth		SWAcenaphth		SRNaphthal
-1.615	Mean	-1.394	Mean	-1.696	Mean		-1.386	Mean	-1.386	Mean	-1.564	Mean	-1.386	Mean	-1.386	Mean	-1.614
0.076	Standard	0.008	Standard	0.093	Standard Error		0.000	Standard	0.000	Standard	0.066	Standard	0.000	Standard	0.000	Standard	0.106
-1.386	Median	-1.386	Median	-1.386	Median		-1.386	Median	-1.386	Median	-1.386	Median	-1.386	Median	-1.386	Median	-1.609
-1.386	Mode	-1.386	Mode	-1.386	Mode		-1.386	Mode	-1.386	Mode	-1.386	Mode	-1.386	Mode	-1.386	Mode	-1.386
0.404	Standard	0.042	Standard	0.493	Standard Deviation		0.000	Standard	0.000	Standard	0.351	Standard	0.000	Standard	0.000	Standard	0.563
0.163	Sample V	0.002	Sample V	0.243	Sample Variance		0.000	Sample V	0.000	Sample V	0.123	Sample V	0.000	Sample V	0.000	Sample V	0.317
-0.554	Kurtosis	28.000	Kurtosis	-1.129	Kurtosis		-2.160	Kurtosis	-2.160	Kurtosis	0.883	Kurtosis	-2.160	Kurtosis	-2.160	Kurtosis	1.381
-1.221	Skewness	-5.292	Skewness	-0.121	Skewness		-1.058	Skewness	-1.058	Skewness	-1.588	Skewness	-1.058	Skewness	-1.058	Skewness	0.756
0.916	Range	0.223	Range	1.609	Range		0.000	Range	0.000	Range	1.099	Range	0.000	Range	0.000	Range	2.303
-2.303	Minimum	-1.609	Minimum	-2.303	Minimum		-1.386	Minimum	-1.386	Minimum	-2.303	Minimum	-1.386	Minimum	-1.386	Minimum	-2.303
-1.386	Maximum	-1.386	Maximum	-0.693	Maximum		-1.386	Maximum	-1.386	Maximum	-1.204	Maximum	-1.386	Maximum	-1.386	Maximum	0.000
-45.230	Sum	-39.039	Sum	-47.485	Sum		-38.816	Sum	-38.816	Sum	-43.789	Sum	-38.816	Sum	-38.816	Sum	-45.200
28.000	Count	28.000	Count	28.000	Count		28.000	Count	28.000	Count	28.000	Count	28.000	Count	28.000	Count	28.000
0.157	Confidenc	0.016	Confidenc	0.191	Confidence Level(95.0%)		0.000	Confidenc	0.000	Confidenc	0.136	Confidenc	0.000	Confidenc	0.000	Confidenc	0.218

Stats for PUF
Lognormal data

SRPhenanth		*WVAcenaphth*		*WVNaphthal*		*WVPhenanth*	
Mean	-1.386	Mean	-1.386	Mean	-1.452	Mean	-1.386
Standard	0.000	Standard	0.000	Standard	0.045	Standard	0.000
Median	-1.386	Median	-1.386	Median	-1.386	Median	-1.386
Mode	-1.386	Mode	-1.386	Mode	-1.386	Mode	-1.386
Standard	0.000	Standard	0.000	Standard	0.240	Standard	0.000
Sample V	0.000	Sample V	0.000	Sample V	0.058	Sample V	0.000
Kurtosis	-2.160	Kurtosis	-2.160	Kurtosis	11.183	Kurtosis	-2.160
Skewness	-1.058	Skewness	-1.058	Skewness	-3.520	Skewness	-1.058
Range	0.000	Range	0.000	Range	0.916	Range	0.000
Minimum	-1.386	Minimum	-1.386	Minimum	-2.303	Minimum	-1.386
Maximum	-1.386	Maximum	-1.386	Maximum	-1.386	Maximum	-1.386
Sum	-38.816	Sum	-38.816	Sum	-40.649	Sum	-38.816
Count	28.000	Count	28.000	Count	28.000	Count	28.000
Confidenc	0.000	Confidenc	0.000	Confidenc	0.093	Confidenc	0.000

Formula for calculating 95%UCL of the mean for normal or lognormal data

PUF *all LN*

	CDNap	CDPhen
mean	-1.495	-1.386
sd	0.808	0
n	28	28
t or H	2.202	1.701
^95UCL	0.437727932	0.250073601

	CNNap	CNPHen
mean	-1.509	-1.435
sd	0.748	0.2
n	21	21
t or H	2.191	1.771
^95UCL	0.421984804	0.262948135

	KFNAp	KFPhen
mean	-1.291	-1.615
sd	0.882	0.404
n	28	28
t or H	2.31	1.856
^95UCL	0.600533809	0.249302489

	KWNap	KWPhen
mean	-1.696	-1.386
sd	0.493	0
n	28	28
t or H	1.928	1.701
^95UCL	0.248689308	0.250073601

	LWNap	LWPhen
mean	-1.564	-1.386
sd	0.351	0
n	28	28
t or H	1.856	1.701
^95UCL	0.252327676	0.250073601

	SRNap	SRPhen
mean	-1.614	-1.386
sd	0.563	0
n	28	28
t or H	2.01	1.701
^95UCL	0.290040937	0.250073601

	WVNap	WVPhen
mean	-1.452	-1.386
sd	0.24	0
n	28	28
t or H	1.793	1.701
^95UCL	0.261744909	0.250073601

ANNULAR DENUDER

Descriptive Statistics: Tuesday, November 10, 1998, 13:47:43

Data source: Annular Denuder in TriState Stats

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
WVHydroniumion	28	0	0.305	0.586	0.111	0.227
WVSulfate	28	0	3.189	2.474	0.467	0.959
WVHydrochlorica	28	0	0.390	0.314	0.0593	0.122
WVSulfurdioxide	28	0	3.015	2.670	0.505	1.035
WVNitrousacid	28	0	0.0760	0.0749	0.0141	0.0290
WVNitricacid	28	0	0.128	0.102	0.0194	0.0397
SRHydroniumion	28	0	0.298	0.580	0.110	0.225
SRSulfate	28	0	3.799	3.320	0.627	1.287
SRHydrochlorica	28	0	0.743	0.970	0.183	0.376
SRSulfurdioxide	28	0	5.411	3.718	0.703	1.442
SRNitrousacid	28	0	0.232	0.222	0.0419	0.0859
SRNitricacid	28	0	0.203	0.201	0.0379	0.0778
LWHydroniumion	27	0	0.309	0.597	0.115	0.236
LWSulfate	27	0	3.814	3.415	0.657	1.351
LWHydrochlorica	27	0	0.413	0.302	0.0582	0.120
LWSulfurdioxide	27	0	4.968	4.496	0.865	1.779
LWNitrousacid	27	0	0.209	0.177	0.0340	0.0699
LWNitricacid	27	0	0.156	0.120	0.0231	0.0475
KWHydroniumion	27	0	0.311	0.601	0.116	0.238
KWSulfate	27	0	3.628	2.662	0.512	1.053
KWHydrochlorica	27	0	1.139	2.097	0.404	0.829
KWSulfurdioxide	27	0	6.934	4.791	0.922	1.895
KWNitrousacid	27	0	0.269	0.189	0.0364	0.0748
KWNitricacid	27	0	0.203	0.154	0.0296	0.0609
KFHydroniumion	28	0	0.287	0.590	0.111	0.229
KFSulfate	28	0	3.357	2.613	0.494	1.013
KFHydrochlorica	28	0	1.089	1.730	0.327	0.671
KFSulfurdioxide	28	0	5.689	3.026	0.572	1.173
KFNitrousacid	28	0	0.315	0.162	0.0306	0.0628
KFNitricacid	28	0	0.236	0.233	0.0441	0.0905
CNHydroniumion	26	0	0.307	0.606	0.119	0.245
CNSulfate	26	0	3.596	2.847	0.558	1.150
CNHydrochlorica	26	0	0.804	1.035	0.203	0.418
CNSulfurdioxide	26	0	7.273	4.919	0.965	1.987
CNNitrousacid	26	0	0.269	0.171	0.0335	0.0689
CDAmmonia	26	0	0.321	0.487	0.0955	0.197
CDAmmonia	26	0	0.321	0.487	0.0955	0.197
CNNitricacid	26	0	0.216	0.206	0.0404	0.0832
CDHydroniumion	26	0	0.199	0.129	0.0252	0.0520
CDSulfate	26	0	3.075	2.371	0.465	0.958
CDHydrochloAcid	26	0	0.645	0.910	0.178	0.368
CNSulfurdioxide	26	0	7.273	4.919	0.965	1.987
CDNitrousacid	26	0	0.289	0.200	0.0393	0.0809
CDNitric acid	26	0	0.234	0.241	0.0473	0.0973

Column	Range	Max	Min	Median	5%	95%
WVHydroniumion	3.198	3.230	0.0320	0.198	0.0356	0.738
WVSulfate	9.724	9.800	0.0760	2.325	0.454	8.369
WVHydrochlorica	1.257	1.260	0.00300	0.336	0.00300	1.206
WVSulfurdioxide	10.179	10.200	0.0210	2.235	0.0210	7.302
WVNitrousacid	0.262	0.262	0.000500	0.0670	0.000500	0.258
WVNitricacid	0.406	0.407	0.001000	0.117	0.00235	0.286

SRHydroniumion	3.179	3.190	0.0110	0.190	0.0290	0.717	SRSulfate
	15.938	16.100	0.162	3.080	0.328	9.251	
SRHydrochlorica	4.597	4.600	0.00300	0.435	0.0372	2.521	
SRSulfurdioxide	12.259	12.600	0.341	4.925	0.422	12.600	
SRNitrousacid	1.211	1.250	0.0390	0.189	0.0615	0.498	
SRNitricacid	0.991	0.993	0.00250	0.135	0.00250	0.498	
LWHydroniumion	3.205	3.240	0.0350	0.196	0.0367	0.868	
LWSulfate	15.316	16.200	0.884	2.530	1.051	10.310	
LWHydrochlorica	1.007	1.010	0.00350	0.381	0.0158	0.979	
LWSulfurdioxide	18.279	18.300	0.0210	4.450	0.269	14.815	
LWNitrousacid	0.884	0.938	0.0540	0.158	0.0736	0.556	
LWNitricacid	0.377	0.379	0.00250	0.138	0.00250	0.344	
KWHydroniumion	3.219	3.250	0.0310	0.211	0.0344	0.870	
KWSulfate	9.551	9.560	0.00950	2.890	0.595	8.523	
KWHydrochlorica	10.796	10.800	0.00400	0.605	0.114	4.400	
KWSulfurdioxide	19.387	19.400	0.0130	5.670	1.387	16.850	
KWNitrousacid	0.961	0.962	0.00150	0.238	0.0359	0.533	
KWNitricacid	0.590	0.591	0.001000	0.156	0.00228	0.533	
KFHydroniumion	3.209	3.240	0.0310	0.174	0.0346	0.728	
KFSulfate	11.210	11.900	0.690	2.590	0.743	8.210	
KFHydrochlorica	6.727	6.730	0.00300	0.461	0.0642	6.343	
KFSulfurdioxide	15.050	16.300	1.250	5.860	1.592	9.487	
KFNitrousacid	0.719	0.809	0.0900	0.278	0.144	0.665	
KFNitricacid	1.009	1.010	0.001000	0.164	0.00235	0.695	
CNHydroniumion	3.202	3.220	0.0185	0.215	0.0281	1.002	
CNSulfate	11.935	12.380	0.445	2.523	0.853	8.860	
CNHydrochlorica	5.097	5.100	0.00350	0.571	0.0187	3.212	
CNSulfurdioxide	23.915	24.700	0.785	6.363	2.169	18.140	
CNNitrousacid	0.859	0.935	0.0760	0.266	0.0960	0.577	
CDAmmonia	2.402	2.410	0.00800	0.214	0.01000	1.216	
CDAmmonia	2.402	2.410	0.00800	0.214	0.01000	1.216	
CNNitricacid	1.002	1.004	0.00250	0.153	0.0211	0.618	
CDHydroniumion	0.417	0.448	0.0310	0.195	0.0342	0.448	
CDSulfate	9.101	9.110	0.00950	1.985	0.452	7.398	
CDHydrochloAcid	3.537	3.540	0.00300	0.191	0.00300	2.668	
CNSulfurdioxide	23.915	24.700	0.785	6.363	2.169	18.140	
CDNitrousacid	0.845	0.846	0.00150	0.246	0.0739	0.817	
CDNitric acid	0.999	1.000	0.001000	0.159	0.001000	0.858	

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
WVHydroniumion	4.926	25.318	0.360	<0.001	8.549	11.888
WVSulfate	1.283	1.043	0.189	0.011	89.295	449.989
WVHydrochlorica	1.389	2.105	0.168	0.042	10.918	6.917
WVSulfurdioxide	0.806	0.188	0.148	0.113	84.418	447.011
WVNitrousacid	1.048	0.676	0.157	0.077	2.128	0.313
WVNitricacid	0.719	0.439	0.113	0.452	3.583	0.742
SRHydroniumion	4.902	25.156	0.367	<0.001	8.354	11.588
SRSulfate	2.057	5.961	0.184	0.016	106.368	701.639
SRHydrochlorica	2.732	8.917	0.249	<0.001	20.794	40.842
SRSulfurdioxide	0.504	-0.531	0.107	0.521	151.496	1192.986
SRNitrousacid	3.804	17.354	0.256	<0.001	6.506	2.837
SRNitricacid	2.433	8.181	0.223	0.001	5.692	2.243
LWHydroniumion	4.885	24.751	0.370	<0.001	8.338	11.849
LWSulfate	2.207	5.779	0.230	<0.001	102.984	696.001
LWHydrochlorica	0.535	-0.619	0.134	0.238	11.158	6.989
LWSulfurdioxide	1.434	2.108	0.197	0.009	134.123	1191.873

LWNitrousacid	3.012	11.141	0.236	<0.001	5.634	1.987	LWNitricacid
0.325	-1.131	0.133	0.245	4.213	1.032		
KWHydroniumion	4.832	24.381	0.371	<0.001	8.395	11.996	
KWSulfate	0.779	-0.476	0.163	0.063	97.944	539.558	
KWHydrochlorica	4.107	18.590	0.359	<0.001	30.753	149.324	
KWSulfurdioxide	1.212	1.021	0.190	0.014	187.223	1894.917	
KWNitrousacid	1.821	5.917	0.124	0.344	7.273	2.890	
KWNitricacid	0.946	0.474	0.144	0.155	5.491	1.733	
KFHydroniumion	4.977	25.680	0.356	<0.001	8.038	11.706	
KFSulfate	1.537	2.880	0.166	0.047	93.996	499.835	
KFHydrochlorica	2.571	6.053	0.314	<0.001	30.503	114.019	
KFSulfurdioxide	1.363	4.461	0.122	0.342	159.280	1153.294	
KFNitrousacid	1.402	2.176	0.171	0.036	8.816	3.485	
KFNitricacid	1.807	3.579	0.234	<0.001	6.606	3.029	
CNHydroniumion	4.788	23.791	0.370	<0.001	7.983	11.629	
CNSulfate	1.462	2.188	0.183	0.026	93.485	538.704	
CNHydrochlorica	3.281	12.401	0.290	<0.001	20.900	43.587	
CNSulfurdioxide	2.084	5.697	0.232	<0.001	189.100	1980.140	
CNNitrousacid	2.476	8.824	0.202	0.008	6.998	2.611	
CDAmmonia	3.488	14.053	0.345	<0.001	8.343	8.610	
CDAmmonia	3.488	14.053	0.345	<0.001	8.343	8.610	
CNNitricacid	2.422	8.002	0.158	0.095	5.629	2.279	
CDHydroniumion	0.489	-0.695	0.126	0.344	5.163	1.439	
CDSulfate	1.023	0.152	0.238	<0.001	79.962	386.438	
CDHydrochloAcid	1.893	3.367	0.247	<0.001	16.776	31.529	
CNSulfurdioxide	2.084	5.697	0.232	<0.001	189.100	1980.140	
CDNitrousacid	1.493	2.495	0.141	0.197	7.503	3.168	
CDNitric acid	1.885	3.899	0.181	0.029	6.091	2.878	

Descriptive Statistics: Tuesday, November 10, 1998, 13:40:33

Data source: Annular Denuder in TriState Stats

Column	Size	Missing	Mean	Std Dev	Std. Error	C.I. of Mean
CDNitric acid	26	0	0.234	0.241	0.0473	0.0973
CDNitrousacid	26	0	0.289	0.200	0.0393	0.0809
CDSulfurdioxide	26	0	7.743	6.831	1.340	2.759
CDAmmonia	26	0	0.321	0.487	0.0955	0.197
CDHydrochloAcid	26	0	0.645	0.910	0.178	0.368
CDSulfate	26	0	3.075	2.371	0.465	0.958
CDHydroniumion	26	0	0.199	0.129	0.0252	0.0520
CNNitricacid	26	0	0.216	0.206	0.0404	0.0832
CNNitrousacid	26	0	0.269	0.171	0.0335	0.0689
CNSulfurdioxide	26	0	7.273	4.919	0.965	1.987

Column	Range	Max	Min	Median	5%	95%
CDNitric acid	0.999	1.000	0.001000	0.159	0.001000	0.858
CDNitrousacid	0.845	0.846	0.00150	0.246	0.0739	0.817
CDSulfurdioxide	28.987	29.000	0.0130	6.395	1.323	27.160
CDAmmonia	2.402	2.410	0.00800	0.214	0.01000	1.216
CDHydrochloAcid	3.537	3.540	0.00300	0.191	0.00300	2.668
CDSulfate	9.101	9.110	0.00950	1.985	0.452	7.398
CDHydroniumion	0.417	0.448	0.0310	0.195	0.0342	0.448
CNNitricacid	1.002	1.004	0.00250	0.153	0.0211	0.618
CNNitrousacid	0.859	0.935	0.0760	0.266	0.0960	0.577
CNSulfurdioxide	23.915	24.700	0.785	6.363	2.169	18.140

Column	Skewness	Kurtosis	K-S Dist.	K-S Prob.	Sum	Sum of Squares
CDNitric acid	1.885	3.899	0.181	0.029	6.091	2.878
CDNitrousacid	1.493	2.495	0.141	0.197	7.503	3.168
CDSulfurdioxide	2.078	4.666	0.211	0.004	201.323	2725.485
CDAmmonia	3.488	14.053	0.345	<0.001	8.343	8.610
CDHydrochloAcid	1.893	3.367	0.247	<0.001	16.776	31.529
CDSulfate	1.023	0.152	0.238	<0.001	79.962	386.438
CDHydroniumion	0.489	-0.695	0.126	0.344	5.163	1.439
CNNitricacid	2.422	8.002	0.158	0.095	5.629	2.279
CNNitrousacid	2.476	8.824	0.202	0.008	6.998	2.611
CNSulfurdioxide	2.084	5.697	0.232	<0.001	189.100	1980.140

Stats for Annular Denuder
Lognormal data

lnCDSulfurDioz		*lnCDHydroAcid*		*lnCDSulfate*		*lnCNNitricA*		*lnCNNitrousA*		*lnCNSulfurDiox*		*lnCNHydroAcid*		*lnCNSulfate*		*lnCNHy*
Mean	1.582	Mean	-1.864	Mean	0.696	Mean	-1.990	Mean	-1.462	Mean	1.791	Mean	-0.878	Mean	0.992	Mean
Standard	0.276	Standard Erro	0.429	Standard Error	0.256	Standard	0.232	Standard	0.108	Standard	0.130	Standard	0.284	Standard	0.156	Standard
Median	1.855	Median	-1.666	Median	0.686	Median	-1.878	Median	-1.324	Median	1.850	Median	-0.560	Median	0.924	Median
Mode	#N/A	Mode	-5.809	Mode	#N/A	Mode	#N/A	Mode	#N/A	Mode	#N/A	Mode	#N/A	Mode	#N/A	Mode
Standard	1.409	Standard Devi	2.189	Standard Deviation	1.308	Standard	1.185	Standard	0.550	Standard	0.665	Standard	1.448	Standard	0.793	Standard
Sample V	1.984	Sample Varia	4.794	Sample Variance	1.711	Sample V	1.403	Sample V	0.302	Sample V	0.442	Sample V	2.098	Sample V	0.630	Sample V
Kurtosis	12.851	Kurtosis	-0.698	Kurtosis	11.194	Kurtosis	4.254	Kurtosis	0.580	Kurtosis	2.798	Kurtosis	4.180	Kurtosis	-0.309	Kurtosis
Skewness	-3.059	Skewness	-0.553	Skewness	-2.795	Skewness	-1.562	Skewness	0.144	Skewness	-0.727	Skewness	-1.587	Skewness	-0.101	Skewness
Range	7.710	Range	7.073	Range	6.866	Range	5.996	Range	2.509	Range	3.448	Range	7.284	Range	3.326	Range
Minimum	-4.343	Minimum	-5.809	Minimum	-4.656	Minimum	-5.991	Minimum	-2.577	Minimum	-0.241	Minimum	-5.655	Minimum	-0.810	Minimum
Maximum	3.367	Maximum	1.264	Maximum	2.209	Maximum	0.004	Maximum	-0.068	Maximum	3.207	Maximum	1.629	Maximum	2.516	Maximum
Sum	41.133	Sum	-48.459	Sum	18.098	Sum	-51.751	Sum	-38.024	Sum	46.558	Sum	-22.830	Sum	25.790	Sum
Count	26.000	Count	26.000	Count	26.000	Count	26.000	Count	26.000	Count	26.000	Count	26.000	Count	26.000	Count
Confidenc	0.569	Confidence L	0.884	Confidence Level(9	0.528	Confidenc	0.478	Confidenc	0.222	Confidenc	0.269	Confidenc	0.585	Confidenc	0.320	Confidenc

Stats for Annular Denuder
Lognormal data

rolon		*lnKFNitricA*		*lnKFNitrousA*		*lnKFHydroAcid*		*lnKFSulfate*		*lnKFHydronion*		*LnKWSulfurDiox*		*LnKwHyrdoAcid*		*LnKWH*
-1.805	Mean	-2.216	Mean	-1.270	Mean	-0.814	Mean	0.932	Mean	-1.875	Mean	1.560	Mean	-0.680	Mean	
0.201	Standard	0.339	Standard	0.091	Standard	0.285	Standard Error	0.147	Standard	0.187	Standard	0.256	Standard	0.269	Standard	
-1.538	Median	-1.808	Median	-1.280	Median	-0.775	Median	0.948	Median	-1.749	Median	1.735	Median	-0.503	Median	
-1.519	Mode	-5.991	Mode	-1.280	Mode	#N/A	Mode	0.599	Mode	-0.801	Mode	1.834	Mode	#N/A	Mode	
1.023	Standard	1.793	Standard	0.484	Standard	1.506	Standard Deviation	0.778	Standard	0.989	Standard	1.332	Standard	1.398	Standard	
1.046	Sample V	3.214	Sample V	0.234	Sample V	2.268	Sample Variance	0.605	Sample V	0.978	Sample V	1.773	Sample V	1.955	Sample V	
2.206	Kurtosis	1.804	Kurtosis	0.217	Kurtosis	3.638	Kurtosis	-0.798	Kurtosis	2.138	Kurtosis	15.536	Kurtosis	5.142	Kurtosis	
0.325	Skewness	-1.597	Skewness	0.092	Skewness	-0.924	Skewness	-0.030	Skewness	0.639	Skewness	-3.497	Skewness	-1.143	Skewness	
5.159	Range	6.918	Range	2.196	Range	7.716	Range	2.848	Range	4.649	Range	7.308	Range	7.901	Range	
-3.990	Minimum	-6.908	Minimum	-2.408	Minimum	-5.809	Minimum	-0.371	Minimum	-3.474	Minimum	-4.343	Minimum	-5.521	Minimum	
1.169	Maximum	0.010	Maximum	-0.212	Maximum	1.907	Maximum	2.477	Maximum	1.176	Maximum	2.965	Maximum	2.380	Maximum	
-46.917	Sum	-62.051	Sum	-35.552	Sum	-22.780	Sum	26.100	Sum	-52.508	Sum	42.113	Sum	-18.360	Sum	
26.000	Count	28.000	Count	28.000	Count	28.000	Count	28.000	Count	28.000	Count	27.000	Count	27.000	Count	
0.413	Confidenc	0.695	Confidenc	0.188	Confidenc	0.584	Confidence Level(95.0%)	0.302	Confidenc	0.384	Confidenc	0.527	Confidenc	0.553	Confidenc	

Stats for Annular Denuder
Lognormal data

ydrolon	*LnLWNitrousAc*	*LnLWSulfurdiox*	*LnLwSulfate*	*lnLWHydrolon*	*LnSRNitricAcid*	*LnSRNitrousAcid*	*LnSRHydrAcid*	*LnSRSulfate*
-1.788 Mean	-1.781 Mean	1.017 Mean	1.055 Mean	-1.738 Mean	-2.197 Mean	-1.706 Mean	-1.057 Mean	
0.197 Standard	0.119 Standard	0.276 Standard	0.141 Standard	0.180 Standard	0.282 Standard	0.128 Standard	0.281 Standard Error	
-1.556 Median	-1.845 Median	1.493 Median	0.928 Median	-1.630 Median	-2.004 Median	-1.667 Median	-0.833 Median	
-0.799 Mode	-1.924 Mode	#N/A Mode	#N/A Mode	-0.801 Mode	-5.991 Mode	-1.478 Mode	#N/A Mode	
1.024 Standard	0.619 Standard	1.436 Standard	0.733 Standard	0.933 Standard	1.494 Standard	0.680 Standard	1.488 Standard Deviation	
1.049 Sample V	0.383 Sample V	2.063 Sample V	0.537 Sample V	0.871 Sample V	2.233 Sample V	0.462 Sample V	2.216 Sample Variance	
1.450 Kurtosis	1.062 Kurtosis	3.941 Kurtosis	-0.280 Kurtosis	2.749 Kurtosis	2.766 Kurtosis	1.681 Kurtosis	2.611 Kurtosis	
0.408 Skewness	0.763 Skewness	-1.670 Skewness	0.584 Skewness	0.660 Skewness	-1.688 Skewness	0.288 Skewness	-1.116 Skewness	
4.652 Range	2.855 Range	6.770 Range	2.908 Range	4.528 Range	5.984 Range	3.467 Range	7.335 Range	
-3.474 Minimum	-2.919 Minimum	-3.863 Minimum	-0.123 Minimum	-3.352 Minimum	-5.991 Minimum	-3.244 Minimum	-5.809 Minimum	
1.179 Maximum	-0.064 Maximum	2.907 Maximum	2.785 Maximum	1.176 Maximum	-0.007 Maximum	0.223 Maximum	1.526 Maximum	
-48.283 Sum	-48.076 Sum	27.457 Sum	28.476 Sum	-46.934 Sum	-61.516 Sum	-47.774 Sum	-29.602 Sum	
27.000 Count	27.000 Count	27.000 Count	27.000 Count	27.000 Count	28.000 Count	28.000 Count	28.000 Count	
0.405 Confidenc	0.245 Confidenc	0.568 Confidenc	0.290 Confidenc	0.369 Confidenc	0.579 Confidenc	0.264 Confidenc	0.577 Confidence Level(95.0%)	

Stats for Annular Denuder
Lognormal data

	LNSRHydrIon		*LnWVHydAcid*		*lnWVSulf*		*lnWVhydorIon*	
0.959	Mean	-1.867	Mean	-1.529	Mean	0.819	Mean	-1.768
0.186	Standard	0.209	Standard	0.301	Standard Error	0.186	Standard Error	0.184
1.120	Median	-1.664	Median	-1.092	Median	0.843	Median	-1.623
#N/A	Mode	-0.816	Mode	-5.809	Mode	#N/A	Mode	-1.537
0.986	Standard	1.108	Standard	1.595	Standard Deviation	0.983	Standard Deviatio	0.974
0.973	Sample V	1.227	Sample V	2.545	Sample Variance	0.966	Sample Variance	0.949
1.417	Kurtosis	1.531	Kurtosis	3.441	Kurtosis	4.250	Kurtosis	2.026
-0.887	Skewness	-0.031	Skewness	-1.983	Skewness	-1.470	Skewness	0.482
4.599	Range	5.670	Range	6.040	Range	4.859	Range	4.615
-1.820	Minimum	-4.510	Minimum	-5.809	Minimum	-2.577	Minimum	-3.442
2.779	Maximum	1.160	Maximum	0.231	Maximum	2.282	Maximum	1.172
26.842	Sum	-52.264	Sum	-42.820	Sum	22.941	Sum	-49.512
28.000	Count	28.000	Count	28.000	Count	28.000	Count	28.000
0.383	Confidenc	0.430	Confidenc	0.619	Confidence Level(95.0%)	0.381	Confidence Level(	0.378

Formula for calculating 95%UCL of the mean for normal or lognormal data

AnnDen	*N*	*LN*	*N*	*LN*
	CDNitrousAc	CDSulferDiox	CDHydroIon	CDHydroAcid
mean	0.289	1.582	0.199	-1.864
sd	0.2	1.409	0.129	2.189
n	26	26	26	26
t ot H	1.706	3.311	1.706	4.141
^95UCL	0.355914825	33.37076776	0.242160062	10.4310851

	N	*LN*	*N*	*LN*
		CDSulfate	CDNitricAc	CNNitricAc
mean		0.696	0.234	-1.99
sd		1.308	0.241	1.185
n		26	26	26
		2.923	1.706	2.923
^95UCL		10.13595294	0.314632364	0.551487283

	CNNitrousA	CNSulfurDiox
mean	-1.462	1.791
sd	0.55	0.665
n	26	26
t ot H	2.085	2.191
^95UCL	0.339120425	10.0093084

	CNHydroAcid	CNSulfate
mean	-0.878	0.992
sd	1.448	0.793
n	26	26
	3.311	2.307
^95UCL	3.093235406	5.324478114

	CNHydroIon	KFNitricA
mean	-1.805	-2.216
sd	1.023	1.793
n	26	28
t ot H	2.564	3.437
^95UCL	0.469005352	1.781411573

	KFNitrousA	KFHydroAcid
mean	-1.27	-0.814
sd	0.484	1.506
n	28	28
	1.928	3.077
^95UCL	0.377839108	3.359608343

	KFSulfurDiox	KFSulfate	KFHydroIon
mean	5.689	0.932	-1.875
sd	3.026	0.778	0.989
n	28	28	28
t ot H	1.701	2.202	2.423
^95UCL	6.661734281	4.779514756	0.396625684

	KWNitrousAc	KWSulfDiox	KWNitricAc	KWHydroAcid
mean	0.269	1.56	0.203	-0.68
sd	0.189	1.332	0.157	1.398
n	27	27	27	27
	1.703	2.737	1.703	3.077
^95UCL	0.330943333	23.61989714	0.254455573	3.129346473

	KWSulfate	KWHydroIon	LWNitrousA
mean	3.357	-1.788	-1.781
sd	2.613	1.024	0.619
n	28	27	27
t ot H	1.701	2.423	2.01
^95UCL	4.196971803	0.459729016	0.260431928

	LWSulfDiox	LWNitricAcd	LWSulfate
mean	1.017	0.156	1.055
sd	1.436	0.12	0.733
n	27	27	27
	3.077	1.703	2.102
^95UCL	18.44145765	0.1953291	5.082552383

	LWHydroAcid	LWHydroIon	SRNitricA
mean	0.413	-1.738	-1.197
sd	0.302	0.933	1.494
n	27	27	28
t ot H	1.703	2.31	3.077
^95UCL	0.511978236	0.41474968	2.23383173

	SRNitrousA	SRHydrAc
mean	-1.706	-1.057
sd	0.68	1.488
n	28	28
	2.102	3.077
^95UCL	0.301278697	2.537601547

	SRSulfurDiox	SRSulfate	WVSulfurDiox	WVHydroAcid
mean	5.411	0.959	3.015	-1.529
sd	3.718	0.986	2.67	1.595
n	28	28	28	28
t ot H	1.701	2.423	1.701	3.077
^95UCL	6.60618376	6.718576324	3.873294954	1.988781097

	WVNirousAc	WVSulfate	WVNitricA	WVHydroIon
mean	0.076	0.819	0.128	-1.768
sd	0.0749	0.983	0.102	0.974
n	28	28	28	28
	1.701	2.423	1.701	2.423
^95UCL	0.100077263	5.815483071	0.160788796	0.431935329

	SRHydrIon
mean	-1.867
sd	1.108
n	28
t ot H	2.423
^95UCL	0.478786585

Centennial Drive
Metals

Metals	**Aluminum**	Cadmium	**Cadmium**	**Calcium**	Chromium	**Chromium**	Lead
Units	**(µg/m³)**	(µg/m³)	**(µg/m³)**	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)
Distribution	**N**	LN	**LN**	**N**	LN	**LN**	LN
Number	30		30	30		30	
Mean	0.2011	0.0041	-6.0111	1.1755	0.0033	-5.9398	0.0210
Standard Deviation	0.134573056		0.770378286	0.621276085		0.602425155	
H/t	1.699		2.182	1.699		2.02	
95% UCL	0.242835671		0.004506558	NA		0.003956529	

Centennial Drive
Metals

Metals	**Lead**	**Magnesium**	Manganese	**Manganese**	Nickel	**Nickel**
Units	**(µg/m³)**	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	**LN**	**N**	LN	**LN**	LN	**LN**
Number	30	30		30		30
Mean	-4.3069	0.2186	0.0196	-4.1605	0.0046	-5.6682
Standard Deviation	0.97457976	0.12644061		0.698290063		0.796924042
H/t	2.243	1.699		2.109		2.109
95% UCL	NA	NA		0.026167712		0.0065801

Corn Field Metals

Metals	Aluminum	Cadmium	**Cadmium**	Calcium	**Calcium**	Chromium	**Chromium**
Units	(µg/m³)	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	N	LN	**LN**	LN	**LN**	LN	**LN**
Number	29		29		29		29
Mean	0.2084	0.0028	-6.2903	1.3248	0.1550	0.0027	-6.0647
Standard Deviation	0.120067098		0.874216374		0.528437073		0.509251271
H/t	1.701		2.306		1.964		2.017
95% UCL	0.246362325		0.003977136		NA		0.003211876
Mean	0.2084	0.0028	0.0028	1.3248	1.3248	0.0027	0.0027

Corn Field Metals

Metals	Lead	**Lead**	**Magnesium**	**Manganese**	Nickel	**Nickel**
Units	(µg/m³)	**(µg/m³)**	**(µg/m³)**	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	LN	**LN**	**N**	**N**	LN	**LN**
Number		29	29	29		29
Mean	0.0206	-4.1299	0.2363	0.2347	0.0042	-5.6698
Standard Deviation		0.717051299	0.128701868	0.128783593		0.66879
H/t		2.137	1.701	1.701		2.09
95% UCL		NA	NA	0.275361449		0.005616
Mean	0.0206	0.0206	0.2363	0.2347	0.0042	0.0042

Kenova Fire Station Metals

Metals		**Aluminum**	Arsenic	**Arsenic**	Barium	**Barium**	Cadmium
Units		**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)
Distribution		**N**	LN	**LN**	LN	**LN**	LN
Number		30		30		30	
Mean	0.2235	0.2235	0.0043	-5.5971	0.0207	-4.1231	0.0048
Standard Deviation		0.138875949		0.443627735		0.711035923	
H/t		1.699		1.893		2.122	
95% UCL		0.266589057		0.004782565		0.0275959	

Kenova Fire Station Metals

Metals	**Cadmium**		**Calcium**	Chromium	**Chromium**	Lead	**Lead**
Units	**(µg/m³)**		**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	**LN**		**N**	LN	**LN**	LN	**LN**
Number	30		30		30		30
Mean	-5.9507	1.5414	1.5414	0.0044	-5.7046	0.0258	-4.1136
Standard Deviation	0.918912648		0.896069212		0.693407083		1.038461554
H/t	2.344		1.699		2.105		2.486
95% UCL	0.005925504		1.819387939		0.0055543		0.045274907

Kenova Fire Station Metals

Metals		**Magnesium**		**Manganese**	Nickel	**Nickel**
Units		**(µg/m³)**		**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution		**N**		**N**	LN	**LN**
Number		30		30		30
Mean	0.2652	0.2652	0.0332	0.0332	0.0054	-5.6081
Standard Deviation		0.156563179		0.016982467		0.923776
H/t		1.699		1.6990		2.35
95% UCL		0.313785519		0.038436774		0.00841

Lockwood Estates Metals

Number		28		28		28	
Mean		0.1971	0.0044	-5.4801	0.0027	-6.1881	
Standard Deviation		0.128735509		0.33495447		0.856438339	
H/t		1.703		1.828		2.297	
95% UCL		0.238547404		0.004960931		0.004327351	

Lockwood Estates Metals

Number	28		28		28		28
Mean	1.0022	0.0025	-6.0944	0.0096	-4.8899		0.1854
Standard Deviation	0.685657272		0.456312902		0.748266315		0.122497663
H/t	1.703		1.913		1.955		1.703
95% UCL	NA		0.002960686		NA		NA

Lockwood Estates Metals

Number		28		28
Mean	0.0117	-4.6447	0.0041	-5.6825
Standard Deviation		0.631355321		0.7062098
H/t		2.063		2.135
95% UCL		0.015074602		0.0058405

Sweet Run Metals

Metal		**Aluminum**	Barium	**Barium**	Cadmium	**Cadmium**	
Units		**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	
Distribution		**N**	LN	**LN**	LN	**LN**	
Number		25		25		25	
Mean		0.1872	0.0358	-3.6831	0.0025	-6.2142	
Standard Deviation		0.124798689		0.878832754		0.718610058	
H/t		1.711		2.358		2.176	
95% UCL		0.229871909		0.056479081		0.003564205	

Sweet Run Metals

Metal	**Calcium**	Chromium	**Chromium**	Lead	**Lead**		**Magnesium**
Units	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**		**(µg/m³)**
Distribution	**N**	LN	**LN**	LN	**LN**		**N**
Number	25		25		25		25
Mean	1.1466	0.0023	-6.1975	0.0129	-4.5844		0.1951
Standard Deviation	0.588674021		0.409112382		0.72076931		0.117523847
H/t	1.711		1.893		2.059		1.711
95% UCL	NA		0.002591052		NA		NA

Sweet Run Metals

Metal	Manganese	**Manganese**	Nickel	**Nickel**
Units	(μg/m³)	**(μg/m³)**	(μg/m³)	**(μg/m³)**
Distribution	LN	**LN**	LN	**LN**
Number		25		25
Mean	0.0128	-4.4898	0.0036	-5.8538
Standard Deviation		0.513967308		0.71273955
H/t		1.977		2.169
95% UCL		0.015759031		0.00507088

Kenova Water Plant Metals

Metal		**Aluminum**	Barium	**Barium**	Cadmium	**Cadmium**	Calcium
Units		**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)
Distribution		**N**	LN	**LN**	LN	**LN**	LN
Number		30		30		30	
Mean		0.2783	0.0351	-3.9695	0.0024	-6.2116	1.5044
Standard Deviation		0.148901537		0.870258446		0.67337628	
H/t		1.699		2.29		2.086	
95% UCL		0.324519455		0.039925564		0.003266369	

Kenova Water Plant Metals

Metal	**Calcium**	Chromium	**Chromium**		**Lead**		**Magnesium**
Units	**(µg/m³)**	(µg/m³)	**(µg/m³)**		**(µg/m³)**		**(µg/m³)**
Distribution	**LN**	LN	**LN**		**N**		**N**
Number	30		30		30		30
Mean	0.2371	0.0022	-6.2217		0.0121		0.2375
Standard Deviation	0.610202146		0.36284906		0.006921444		0.118282543
H/t	2.027		1.837		1.699		1.699
95% UCL	1.921257647		0.002400416		0.014284682		0.274202878

Kenova Water Plant Metals

Metal	Manganese	**Manganese**	Nickel	**Nickel**
Units	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	LN	**LN**	LN	**LN**
Number		30		30
Mean	0.0146	-4.4236	0.0058	-5.4439
Standard Deviation		0.791914002		0.813144
H/t		2.204		2.227
95% UCL		0.02268723		0.008421

Webbville Metals

Metal	Aluminum	**Aluminum**	Beryllium	**Beryllium**	Cadmium	**Cadmium**	
Units	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**	
Distribution	LN	**LN**	LN	**LN**	LN	**LN**	
Number		30		30		30	
Mean	0.1450	-2.2241	0.0016	-8.1233	0.0020	-6.5662	
Standard Deviation		0.84405112		0.935503552		0.926217928	
H/t		2.261		2.363		2.352	
95% UCL		0.220136395		0.000692522		0.00323821	

Webbville Metals

Metal	**Calcium**	Chromium	**Chromium**	Lead	**Lead**		**Magnesium**
Units	**(µg/m³)**	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**		**(µg/m³)**
Distribution	**N**	LN	**LN**	LN	**LN**		**N**
Number	30		30		30		30
Mean	0.6195	0.0032	-6.2058	0.0049	-5.6591		0.1219
Standard Deviation	0.361296401		0.623249111		0.754061541		0.072002639
H/t	1.699		2.039		1.865		1.699
95% UCL	NA		0.003102411		NA		NA

Webbville Metals

Metal	Manganese	**Manganese**	Thallium	**Thallium**
Units	(µg/m³)	**(µg/m³)**	(µg/m³)	**(µg/m³)**
Distribution	LN	**LN**	LN	**LN**
Number		30		30
Mean	0.0061	-5.2532	0.0062	-5.2833
Standard Deviation		0.571355988		0.504959174
H/t		1.994		1.938
95% UCL		0.007608974		0.006915004

MOBILE LABORATORY DATA

Kenova Fire Station- Mobile						
chemical	ln sd	COUNT	ln mean	unlog mea	95%UCL	
KFBenzene	1.089714	540	0.194888	1.22E+00	2.46E+00	
KFBromomethane	0.032336	540	-0.691762	5.01E-01	5.07E-01	
KFn-Proplybenzene	0.49992	540	-0.511658	6.00E-01	7.07E-01	
KFsec-Butylbenzene	0.397545	540	-0.610776	5.43E-01	6.07E-01	
KFtert-Butyl benzene	0.175662	540	-0.675144	5.09E-01	5.24E-01	
KFCarbon Tetrachloride	0.381907	540	-0.43685	6.46E-01	7.14E-01	
KFChloroethane	0.079205	540	-0.689745	5.02E-01	5.07E-01	
KFChloromethane	0.495405	540	0.732644	2.08E+00	2.45E+00	
KF1,4-Dichloro benzene	0.170552	540	-0.669578	5.12E-01	5.26E-01	
KFDichlorodifluoromethane	0.599375	540	2.198289	9.01E+00	1.13E+01	
KFDichloromethane	0.165066	540	-0.672373	5.10E-01	5.24E-01	
KFHexachloro butadiene	0.043061	540	-0.691301	5.01E-01	5.07E-01	
KFCymene	0.098394	540	-0.688919	5.02E-01	5.07E-01	
KFNaphthalene	0.954806	540	-0.199792	8.19E-01	1.42E+00	
KFTetrachloro ethene	0.289328	540	-0.641061	5.27E-01	5.61E-01	
KFToluene	1.332266	540	0.888284	2.43E+00	6.89E+00	
KF1,2,4-Trimethyl benzene	0.980374	540	0.080987	1.08E+00	1.95E+00	
KF1,3,5-Trimethyl benzene	0.53382	540	-0.441717	6.43E-01	7.74E-01	

MOBILE LABORATORY DATA

Kenova Water Works- Mobile						
chemical	ln sd	COUNT	ln mean	unlog mea	95%UCL	
LNkwBenz	0.472742	204	-0.429897	6.51E-01	7.79E-01	
LNkwChlorom	0.417968	204	-0.359173	6.98E-01	8.04E-01	
LNkwDichlodiflumeth	0.351308	204	2.336538	1.03E+01	1.15E+01	
LNkwNaphth	0.061296	204	-0.688862	5.02E-01	5.11E-01	

MOBILE LABORATORY DATA

Corn Field-Mobile						
chemical	ln sd	COUNT	ln mean	unlog mea	95%UCL	
CNBenzene	0.754225	400	-0.159744	8.52E-01	1.23E+00	
CNsec-Butylbenzene	0.310887	400	-0.614079	5.41E-01	5.84E-01	
CNCarbon Tetrachloride	0.081026	400	-0.687558	5.03E-01	5.09E-01	
CNChloromethane	0.499773	400	0.494175	1.64E+00	1.94E+00	
CNDichlorodifluoromethane	0.406502	400	2.38367	1.08E+01	1.22E+01	
CN2,2-Dichloro propane	0.130429	400	-0.680217	5.07E-01	5.17E-01	
CNIsoproply benzene (Cumene)	0.98685	400	-0.234183	7.91E-01	1.44E+00	
CNIsopropyltoluene (Cymene)	0.101099	400	-0.684546	5.04E-01	5.11E-01	
CNNaphthalene	0.781183	400	-0.232561	7.93E-01	1.17E+00	
CNTetrachloro ethene	0.278475	400	-0.64396	5.25E-01	5.59E-01	
CN1,2,4-Trimethyl benzene	0.413078	400	-0.544091	5.80E-01	6.56E-01	
CN1,3,5-Trimethyl benzene	0.1639	400	-0.665181	5.14E-01	5.28E-01	

MOBILE LABORATORY DATA

South Point Ethanol- Mobile					
chemical	ln sd	COUNT	ln mean	unlog mea	95%UCL
SEBenzene	0.86066	406	-0.084515	9.19E-01	1.46E+00
SEn-Proplybenzene	0.142846	406	-0.683888	5.05E-01	5.16E-01
SEChloromethane	0.396378	406	0.586909	1.80E+00	6.77E+00
SECymene	0.065079	406	-0.68859	5.02E-01	5.09E-01
SENaphthalene	0.812298	406	-0.217029	8.05E-01	1.22E+00
SEStyrene	0.20714	406	-0.666448	5.14E-01	5.34E-01
SEToluene	1.031141	406	0.324236	1.38E+00	2.65E+00
SE1,2,4-Trimethyl benzene	0.53308	406	-0.428861	6.51E-01	7.89E-01
SE1,3,5-Trimethyl benzene	0.197727	406	-0.665668	5.14E-01	5.33E-01

APPENDIX C
CENTRAL TENDENCY EVALUATION

TABLE C-1
CENTRAL TENDENCY EXPOSURE PARAMETERS
ADULT RESIDENT RECEPTOR

Parameter	Symbol	Value	Units	Reference
General				
Exposure Frequency	EF	234	days/year	EPA (1991)
Exposure Duration	ED	9	years	EPA (1991) and EPA (1997)-approximate average time in one residence
Body Weight	BW	70	kg	EPA (1991)
Averaging Time				
Carcinogens	ATc	70	years	EPA (1988)
Noncarcinogens	ATn	9	years	Based on Exposure Duration
Inhalation Rate	IHR	15.2	m^3/day	EPA (1997b), Table 5-23, mean IHR for adult males
Conversion Factor	CF3	1.00E+03	µg/mg	Not Applicable

TABLE C-2
CENTRAL TENDENCY EXPOSURE PARAMETERS
CHILD RESIDENT RECEPTOR

Parameter	Symbol	Value	Units	Reference
General				
Exposure Frequency	EF	234	days/year	EPA (1991)
Exposure Duration	ED	6	years	EPA (1991) and EPA (1997)- lower of years lived or average time in one residence
Body Weight	BW	15	kg	EPA (1991)
Averaging Time				
Carcinogens	ATc	70	years	EPA (1988)
Noncarcinogens	ATn	6	years	Based on Exposure Duration
Inhalation Rate	IHR	8.3	m^3/day	EPA (1997b), Table 5-23, mean IHR for children 3 to 5 years
Conversion Factor	CF3	1.00E+03	µg/mg	Not Applicable

TABLE C-3
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	8.44E+00	1.17E-03	1.70E-03	6.91E-01
Chloromethane	1.65E+00	2.30E-04	8.60E-02	2.68E-03
Dichloromethane	1.91E+00	2.66E-04	8.60E-01	3.09E-04
Naphthalene	8.65E-01	1.20E-04	9.00E-04	1.34E-01
Toluene	9.72E+00	1.35E-03	1.14E-01	1.19E-02
1,2,4-Trimethylbenzene	7.83E-01	1.09E-04	1.70E-03	6.41E-02
Hydrochloric acid (gaseous)	3.54E+00	4.93E-04	5.71E-03	8.62E-02
Aluminum	2.43E-01	3.38E-05	1.00E-03	3.38E-02
Cadmium	4.51E-03	6.28E-07	5.00E-05	1.26E-02
Chromium	3.96E-03	5.51E-07	3.00E-05	1.84E-02
Manganese	2.62E-02	3.65E-06	1.43E-05	2.55E-01
Nickel	6.58E-03	9.16E-07	2.00E-02	4.58E-05
TOTAL				1.31E+00

TABLE C-4
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	8.44E+00	2.99E-03	1.70E-03	1.76E+00
Chloromethane	1.65E+00	5.86E-04	8.60E-02	6.82E-03
Dichloromethane	1.91E+00	6.77E-04	8.60E-01	7.88E-04
Naphthalene	8.65E-01	3.07E-04	9.00E-04	3.41E-01
Toluene	9.72E+00	3.45E-03	1.14E-01	3.02E-02
1,2,4-Trimethylbenzene	7.83E-01	2.78E-04	1.70E-03	1.63E-01
Hydrochloric acid (gaseous)	3.54E+00	1.26E-03	5.71E-03	2.20E-01
Aluminum	2.43E-01	8.62E-05	1.00E-03	8.62E-02
Cadmium	4.51E-03	1.60E-06	5.00E-05	3.20E-02
Chromium	3.96E-03	1.40E-06	3.00E-05	4.68E-02
Manganese	2.62E-02	9.29E-06	1.43E-05	6.50E-01
Nickel	6.58E-03	2.33E-06	2.00E-02	1.17E-04
TOTAL				3.34E+00

TABLE C-5
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	4.45E+00	6.19E-04	1.70E-03	3.64E-01
Chloromethane	1.82E+00	2.54E-04	8.60E-02	2.95E-03
Dichloromethane	1.19E+00	1.66E-04	8.60E-01	1.93E-04
Naphthalene	1.15E+00	1.60E-04	9.00E-04	1.78E-01
1,2,4-Trimethylbenzene	7.40E-01	1.03E-04	1.70E-03	6.06E-02
Hydrochloric acid (gaseous)	3.09E+00	4.31E-04	5.71E-03	7.54E-02
Aluminum	2.46E-01	3.42E-05	1.00E-03	3.42E-02
Cadmium	3.98E-03	5.54E-07	5.10E-05	1.09E-02
Chromium	3.21E-03	4.47E-07	3.00E-05	1.49E-02
Manganese	4.97E-02	6.92E-06	1.43E-05	4.84E-01
Nickel	5.62E-03	7.82E-07	2.00E-02	3.91E-05
TOTAL				1.23E+00

TABLE C-6
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	4.45E+00	1.58E-03	1.70E-03	9.29E-01
Chloromethane	1.82E+00	6.46E-04	8.60E-02	7.51E-03
Dichloromethane	1.19E+00	4.23E-04	8.60E-01	4.92E-04
Naphthalene	1.15E+00	4.08E-04	9.00E-04	4.54E-01
1,2,4-Trimethylbenzene	7.40E-01	2.62E-04	1.70E-03	1.54E-01
Hydrochloric acid (gaseous)	3.09E+00	1.10E-03	5.71E-03	1.92E-01
Aluminum	2.46E-01	8.73E-05	1.00E-03	8.73E-02
Cadmium	3.98E-03	1.41E-06	5.10E-05	2.77E-02
Chromium	3.21E-03	1.14E-06	3.00E-05	3.80E-02
Manganese	4.97E-02	1.76E-05	1.43E-05	1.23E+00
Nickel	5.62E-03	1.99E-06	2.00E-02	9.97E-05
TOTAL				3.12E+00

TABLE C-7
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.15E+01	1.60E-03	1.70E-03	9.42E-01
Chloromethane	1.74E+00	2.42E-04	8.60E-02	2.81E-03
Dichlorodifluoromethane	1.15E+01	1.60E-03	5.00E-02	3.20E-02
Dichloromethane	2.90E+00	4.03E-04	8.60E-01	4.69E-04
Naphthalene	9.14E-01	1.27E-04	9.00E-04	1.41E-01
1,2,4-Trimethylbenzene	1.36E+00	1.89E-04	1.70E-03	1.11E-01
1,3,5-Trimethylbenzene	6.23E-01	8.67E-05	1.70E-03	5.10E-02
Hydrochloric acid (gaseous)	3.13E+00	4.36E-04	5.71E-03	7.62E-02
Aluminum	2.67E-01	3.72E-05	1.00E-03	3.72E-02
Arsenic	4.78E-03	6.65E-07	3.00E-04	2.22E-03
Barium	2.76E-02	3.84E-06	1.40E-04	2.74E-02
Cadmium	5.93E-03	8.26E-07	5.10E-05	1.62E-02
Chromium	5.55E-03	7.73E-07	3.00E-05	2.58E-02
Manganese	3.84E-02	5.35E-06	1.43E-05	3.74E-01
Nickel	8.41E-03	1.17E-06	2.00E-02	5.85E-05
TOTAL				1.84E+00

TABLE C-8
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.15E+01	4.08E-03	1.70E-03	2.40E+00
Chloromethane	1.74E+00	6.16E-04	8.60E-02	7.16E-03
Dichlorodifluoromethane	1.15E+01	4.08E-03	5.00E-02	8.15E-02
Dichloromethane	2.90E+00	1.03E-03	8.60E-01	1.20E-03
Naphthalene	9.14E-01	3.24E-04	9.00E-04	3.60E-01
1,2,4-Trimethylbenzene	1.36E+00	4.81E-04	1.70E-03	2.83E-01
1,3,5-Trimethylbenzene	6.23E-01	2.21E-04	1.70E-03	1.30E-01
Hydrochloric acid (gaseous)	3.13E+00	1.11E-03	5.71E-03	1.94E-01
Aluminum	2.67E-01	9.47E-05	1.00E-03	9.47E-02
Arsenic	4.78E-03	1.70E-06	3.00E-04	5.65E-03
Barium	2.76E-02	9.79E-06	1.40E-04	6.99E-02
Cadmium	5.93E-03	2.10E-06	5.10E-05	4.12E-02
Chromium	5.55E-03	1.97E-06	3.00E-05	6.56E-02
Manganese	3.84E-02	1.36E-05	1.43E-05	9.53E-01
Nickel	8.41E-03	2.98E-06	2.00E-02	1.49E-04
TOTAL				4.69E+00

TABLE C-9
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.89E+00	2.63E-04	1.70E-03	1.55E-01
Chloromethane	2.43E+00	3.39E-04	8.60E-02	3.94E-03
Dichloromethane	4.20E+00	5.84E-04	8.60E-01	6.79E-04
Naphthalene	7.68E-01	1.07E-04	9.00E-04	1.19E-01
Hydrochloric acid (gaseous)	3.13E+00	4.36E-04	5.71E-03	7.62E-02
Aluminum	3.25E-01	4.52E-05	1.00E-03	4.52E-02
Barium	3.99E-02	5.55E-06	1.40E-04	3.97E-02
Cadmium	3.27E-03	4.55E-07	5.10E-05	8.93E-03
Chromium	2.40E-03	3.34E-07	3.00E-05	1.11E-02
Manganese	2.27E-02	3.16E-06	1.43E-05	2.21E-01
Nickel	8.42E-03	1.17E-06	2.00E-02	5.86E-05
TOTAL				6.80E-01

TABLE C-10
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.89E+00	6.70E-04	1.70E-03	3.94E-01
Chloromethane	2.43E+00	8.63E-04	8.60E-02	1.00E-02
Dichloromethane	4.20E+00	1.49E-03	8.60E-01	1.73E-03
Naphthalene	7.68E-01	2.72E-04	9.00E-04	3.03E-01
Hydrochloric acid (gaseous)	3.13E+00	1.11E-03	5.71E-03	1.94E-01
Aluminum	3.25E-01	1.15E-04	1.00E-03	1.15E-01
Barium	3.99E-02	1.42E-05	1.40E-04	1.01E-01
Cadmium	3.27E-03	1.16E-06	5.10E-05	2.27E-02
Chromium	2.40E-03	8.51E-07	3.00E-05	2.84E-02
Manganese	2.27E-02	8.05E-06	1.43E-05	5.63E-01
Nickel	8.42E-03	2.99E-06	2.00E-02	1.49E-04
TOTAL				1.73E+00

TABLE C-11
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.12E+00	1.56E-04	1.70E-03	9.16E-02
Bromomethane	6.33E-01	8.82E-05	1.40E-03	6.30E-02
Chloromethane	2.45E+00	3.41E-04	8.60E-02	3.97E-03
Dichloromethane	8.72E-01	1.21E-04	8.60E-01	1.41E-04
Naphthalene	8.90E-01	1.24E-04	9.00E-04	1.38E-01
Aluminum	2.39E-01	3.33E-05	1.00E-03	3.33E-02
Arsenic	4.96E-03	6.90E-07	3.00E-04	2.30E-03
Cadmium	3.41E-03	4.75E-07	5.10E-05	9.31E-03
Chromium	2.96E-03	4.12E-07	3.00E-05	1.37E-02
Manganese	1.51E-02	2.10E-06	1.43E-05	1.47E-01
Nickel	5.84E-03	8.13E-07	2.00E-02	4.06E-05
TOTAL				5.02E-01

TABLE C-12
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.12E+00	3.97E-04	1.70E-03	2.33E-01
Bromomethane	6.33E-01	2.25E-04	1.40E-03	1.60E-01
Chloromethane	2.45E+00	8.70E-04	8.60E-02	1.01E-02
Dichloromethane	8.72E-01	3.09E-04	8.60E-01	3.60E-04
Naphthalene	8.90E-01	3.16E-04	9.00E-04	3.51E-01
Aluminum	2.39E-01	8.48E-05	1.00E-03	8.48E-02
Arsenic	4.96E-03	1.76E-06	3.00E-04	5.87E-03
Cadmium	3.41E-03	1.21E-06	5.10E-05	2.37E-02
Chromium	2.96E-03	1.05E-06	3.00E-05	3.50E-02
Manganese	1.51E-02	5.36E-06	1.43E-05	3.75E-01
Nickel	5.84E-03	2.07E-06	2.00E-02	1.04E-04
TOTAL				1.28E+00

TABLE C-13
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.37E+00	3.29E-04	1.70E-03	1.94E-01
Chloromethane	2.64E+00	3.67E-04	8.60E-02	4.27E-03
Dichloromethane	2.50E+02	3.48E-02	8.60E-01	4.05E-02
Naphthalene	9.54E-01	1.33E-04	9.00E-04	1.48E-01
Hydrochloric acid (gaseous)	2.54E+00	3.53E-04	5.71E-03	6.18E-02
Aluminum	2.30E-01	3.20E-05	1.00E-03	3.20E-02
Barium	5.65E-02	7.87E-06	1.40E-04	5.62E-02
Cadmium	3.56E-03	4.96E-07	5.10E-05	9.72E-03
Chromium	2.59E-03	3.61E-07	3.00E-05	1.20E-02
Manganese	1.58E-02	2.20E-06	1.43E-05	1.54E-01
Nickel	5.07E-03	7.06E-07	2.00E-02	3.53E-05
TOTAL				7.12E-01

TABLE C-14
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.37E+00	8.40E-04	1.70E-03	4.94E-01
Chloromethane	2.64E+00	9.36E-04	8.60E-02	1.09E-02
Dichloromethane	2.50E+02	8.88E-02	8.60E-01	1.03E-01
Naphthalene	9.54E-01	3.38E-04	9.00E-04	3.76E-01
Hydrochloric acid (gaseous)	2.54E+00	9.00E-04	5.71E-03	1.58E-01
Aluminum	2.30E-01	8.16E-05	1.00E-03	8.16E-02
Barium	5.65E-02	2.00E-05	1.40E-04	1.43E-01
Cadmium	3.56E-03	1.26E-06	5.10E-05	2.48E-02
Chromium	2.59E-03	9.19E-07	3.00E-05	3.06E-02
Manganese	1.58E-02	5.60E-06	1.43E-05	3.92E-01
Nickel	5.07E-03	1.80E-06	2.00E-02	8.99E-05
TOTAL				1.81E+00

TABLE C-15
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	6.27E-01	8.72E-05	1.70E-03	5.13E-02
Bromomethane	7.41E-01	1.03E-04	1.40E-03	7.37E-02
Chloromethane	2.15E+00	3.00E-04	8.60E-02	3.48E-03
Dichloromethane	9.60E+00	1.34E-03	8.60E-01	1.55E-03
Aluminum	2.20E-01	3.06E-05	1.00E-03	3.06E-02
Beryllium	6.93E-04	9.65E-08	5.70E-06	1.69E-02
Cadmium	3.24E-03	4.51E-07	5.10E-05	8.84E-03
Chromium	3.10E-03	4.32E-07	3.00E-05	1.44E-02
Manganese	7.61E-03	1.06E-06	1.43E-05	7.41E-02
Thallium	6.92E-03	9.63E-07	7.00E-05	1.38E-02
TOTAL				2.89E-01

TABLE C-16
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	6.27E-01	2.22E-04	1.70E-03	1.31E-01
Bromomethane	7.41E-01	2.63E-04	1.40E-03	1.88E-01
Chloromethane	2.15E+00	7.63E-04	8.60E-02	8.88E-03
Dichloromethane	9.60E+00	3.41E-03	8.60E-01	3.96E-03
Aluminum	2.20E-01	7.80E-05	1.00E-03	7.80E-02
Beryllium	6.93E-04	2.46E-07	5.70E-06	4.31E-02
Cadmium	3.24E-03	1.15E-06	5.10E-05	2.25E-02
Chromium	3.10E-03	1.10E-06	3.00E-05	3.67E-02
Manganese	7.61E-03	2.70E-06	1.43E-05	1.89E-01
Thallium	6.92E-03	2.45E-06	7.00E-05	3.51E-02
TOTAL				7.35E-01

TABLE C-17
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.23E+00	1.71E-04	1.70E-03	1.00E-01
sec-Butylbenzene	5.84E-01	8.13E-05	1.00E-02	8.13E-03
Carbon tetrachloride	5.09E-01	7.09E-05	5.71E-04	1.24E-01
Chloromethane	1.94E+00	2.70E-04	8.60E-02	3.14E-03
Dichlorodifluoromethane	1.22E+01	1.70E-03	5.00E-02	3.39E-02
Isoproplybenzene (Cumene)	1.44E+00	2.01E-04	1.10E-01	1.82E-03
Naphthalene	1.17E+00	1.62E-04	9.00E-04	1.81E-01
Tetrachloroethene	5.59E-01	7.79E-05	1.40E-01	5.56E-04
1,2,4-Trimethylbenzene	6.56E-01	9.14E-05	1.70E-03	5.37E-02
1,3,5-Trimethylbenzene	5.28E-01	7.36E-05	1.70E-03	4.33E-02
TOTAL				5.50E-01

TABLE C-18
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.23E+00	4.35E-04	1.70E-03	2.56E-01
sec-Butylbenzene	5.84E-01	2.07E-04	1.00E-02	2.07E-02
Carbon tetrachloride	5.09E-01	1.81E-04	5.71E-04	3.16E-01
Chloromethane	1.94E+00	6.88E-04	8.60E-02	8.00E-03
Dichlorodifluoromethane	1.22E+01	4.32E-03	5.00E-02	8.64E-02
Isoproplybenzene (Cumene)	1.44E+00	5.12E-04	1.10E-01	4.65E-03
Naphthalene	1.17E+00	4.14E-04	9.00E-04	4.60E-01
Tetrachloroethene	5.59E-01	1.98E-04	1.40E-01	1.42E-03
1,2,4-Trimethylbenzene	6.56E-01	2.33E-04	1.70E-03	1.37E-01
1,3,5-Trimethylbenzene	5.28E-01	1.87E-04	1.70E-03	1.10E-01
TOTAL				1.40E+00

TABLE C-19
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.46E+00	3.43E-04	1.70E-03	2.02E-01
Bromomethane	5.07E-01	7.06E-05	1.40E-03	5.04E-02
sec-Butylbenzene	6.07E-01	8.44E-05	1.00E-02	8.44E-03
tert-Butyl benzene	5.24E-01	7.29E-05	1.00E-02	7.29E-03
Carbon tetrachloride	7.14E-01	9.95E-05	5.71E-04	1.74E-01
Chloroethane	5.07E-01	7.06E-05	2.90E+00	2.43E-05
Chloromethane	2.45E+00	3.41E-04	8.60E-02	3.96E-03
1,4-Dichlorobenzene	5.26E-01	7.32E-05	2.29E-01	3.20E-04
Dichlorodifluoromethane	1.13E+01	1.57E-03	5.00E-02	3.14E-02
Dichloromethane	5.24E-01	7.29E-05	8.60E-01	8.48E-05
Hexachlorobutadiene	5.07E-01	7.06E-05	2.00E-04	3.53E-01
Naphthalene	1.42E+00	1.97E-04	9.00E-04	2.19E-01
n-Proplybenzene	7.07E-01	9.84E-05	1.00E-02	9.84E-03
Tetrachloroethene	5.61E-01	7.82E-05	1.40E-01	5.58E-04
Toluene	6.89E+00	9.59E-04	1.14E-01	8.41E-03
1,2,4-Trimethylbenzene	1.95E+00	2.72E-04	1.70E-03	1.60E-01
1,3,5-Trimethylbenzene	7.74E-01	1.08E-04	1.70E-03	6.34E-02
TOTAL				1.29E+00

TABLE C-20
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.46E+00	8.74E-04	1.70E-03	5.14E-01
Bromomethane	5.07E-01	1.80E-04	1.40E-03	1.28E-01
sec-Butylbenzene	6.07E-01	2.15E-04	1.00E-02	2.15E-02
tert-Butyl benzene	5.24E-01	1.86E-04	1.00E-02	1.86E-02
Carbon tetrachloride	7.14E-01	2.53E-04	5.71E-04	4.44E-01
Chloroethane	5.07E-01	1.80E-04	2.90E+00	6.20E-05
Chloromethane	2.45E+00	8.68E-04	8.60E-02	1.01E-02
1,4-Dichlorobenzene	5.26E-01	1.87E-04	2.29E-01	8.15E-04
Dichlorodifluoromethane	1.13E+01	4.00E-03	5.00E-02	7.99E-02
Dichloromethane	5.24E-01	1.86E-04	8.60E-01	2.16E-04
Hexachlorobutadiene	5.07E-01	1.80E-04	2.00E-04	8.99E-01
Naphthalene	1.42E+00	5.03E-04	9.00E-04	5.59E-01
n-Proplybenzene	7.07E-01	2.51E-04	1.00E-02	2.51E-02
Tetrachloroethene	5.61E-01	1.99E-04	1.40E-01	1.42E-03
Toluene	6.89E+00	2.44E-03	1.14E-01	2.14E-02
1,2,4-Trimethylbenzene	1.95E+00	6.92E-04	1.70E-03	4.07E-01
1,3,5-Trimethylbenzene	7.74E-01	2.75E-04	1.70E-03	1.62E-01
TOTAL				3.29E+00

TABLE C-21
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	7.79E-01	1.08E-04	1.70E-03	6.38E-02
Chloromethane	8.04E-01	1.12E-04	8.60E-02	1.30E-03
Dichlorodifluoromethane	1.15E+01	1.60E-03	5.00E-02	3.20E-02
Naphthalene	5.11E-01	7.11E-05	9.00E-04	7.90E-02
TOTAL				1.76E-01

TABLE C-22
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	7.79E-01	2.76E-04	1.70E-03	1.63E-01
Chloromethane	8.04E-01	2.85E-04	8.60E-02	3.32E-03
Dichlorodifluoromethane	1.15E+01	4.08E-03	5.00E-02	8.16E-02
Naphthalene	5.11E-01	1.81E-04	9.00E-04	2.01E-01
TOTAL				4.49E-01

TABLE C-23
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.46E+00	2.03E-04	1.70E-03	1.20E-01
Chloromethane	2.65E+00	3.68E-04	8.60E-02	4.28E-03
Naphthalene	5.09E-01	7.09E-05	9.00E-04	7.87E-02
n-Proplybenzene	1.22E+00	1.70E-04	1.00E-02	1.70E-02
Toluene	2.65E+00	3.69E-04	1.14E-01	3.24E-03
1,2,4-Trimethylbenzene	7.89E-01	1.10E-04	1.70E-03	6.46E-02
1,3,5-Trimethylbenzene	5.33E-01	7.42E-05	1.70E-03	4.36E-02
TOTAL				3.31E-01

TABLE C-24
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.46E+00	5.18E-04	1.70E-03	3.05E-01
Chloromethane	2.65E+00	9.39E-04	8.60E-02	1.09E-02
Naphthalene	5.09E-01	1.81E-04	9.00E-04	2.01E-01
n-Proplybenzene	1.22E+00	4.32E-04	1.00E-02	4.32E-02
Toluene	2.65E+00	9.41E-04	1.14E-01	8.26E-03
1,2,4-Trimethylbenzene	7.89E-01	2.80E-04	1.70E-03	1.65E-01
1,3,5-Trimethylbenzene	5.33E-01	1.89E-04	1.70E-03	1.11E-01
TOTAL				8.44E-01

TABLE C-25
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	8.44E+00	1.51E-04	2.90E-02	4.38E-06
Chloromethane	1.65E+00	2.96E-05	3.50E-03	1.04E-07
Dichloromethane	1.91E+00	3.42E-05	1.65E-03	5.64E-08
Cadmium	4.51E-03	8.07E-08	6.30E+00	5.09E-07
Chromium	3.96E-03	7.09E-08	4.10E+01	2.91E-06
Nickel	6.58E-03	1.18E-07	4.20E-01	4.95E-08
TOTAL				8.00E-06

TABLE C-26
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	8.44E+00	2.56E-04	2.90E-02	7.44E-06
Chloromethane	1.65E+00	5.02E-05	3.50E-03	1.76E-07
Dichloromethane	1.91E+00	5.81E-05	1.65E-03	9.58E-08
Cadmium	4.51E-03	1.37E-07	6.30E+00	8.64E-07
Chromium	3.96E-03	1.20E-07	4.10E+01	4.94E-06
Nickel	6.58E-03	2.00E-07	4.20E-01	8.40E-08
TOTAL				1.36E-05

TABLE C-27
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	8.44E+00	7.44E-06	4.38E-06	1.18E-05
Chloromethane	1.65E+00	1.76E-07	1.04E-07	2.79E-07
Dichloromethane	1.91E+00	9.58E-08	5.64E-08	1.52E-07
Cadmium	4.51E-03	8.64E-07	5.09E-07	1.37E-06
Chromium	3.96E-03	4.94E-06	2.91E-06	7.84E-06
Nickel	6.58E-03	8.40E-08	4.95E-08	1.33E-07
TOTAL		1.35E-05	7.95E-06	2.16E-05

TABLE C-28
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration	Intake	Toxicity Value	Cancer Risk
Benzene	4.45E+00	7.96E-05	2.90E-02	2.31E-06
Chloromethane	1.82E+00	3.26E-05	3.50E-03	1.14E-07
Dichloromethane	1.19E+00	2.14E-05	1.65E-03	3.52E-08
Cadmium	3.98E-03	7.12E-08	6.30E+00	4.49E-07
Chromium	3.21E-03	5.75E-08	4.10E+01	2.36E-06
Nickel	5.62E-03	1.01E-07	4.20E-01	4.22E-08
TOTAL				5.31E-06

TABLE C-29
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration	Intake	Toxicity Value	Cancer Risk
Benzene	4.45E+00	1.35E-04	2.90E-02	3.92E-06
Chloromethane	1.82E+00	5.54E-05	3.50E-03	1.94E-07
Dichloromethane	1.19E+00	3.63E-05	1.65E-03	5.99E-08
Cadmium	3.98E-03	1.21E-07	6.30E+00	7.62E-07
Chromium	3.21E-03	9.76E-08	4.10E+01	4.00E-06
Nickel	5.62E-03	1.71E-07	4.20E-01	7.18E-08
TOTAL				9.01E-06

TABLE C-30
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	4.45E+00	3.92E-06	2.31E-06	6.23E-06
Chloromethane	1.82E+00	1.94E-07	1.14E-07	3.08E-07
Dichloromethane	1.19E+00	5.99E-08	3.52E-08	9.51E-08
Cadmium	3.98E-03	7.62E-07	4.49E-07	1.21E-06
Chromium	3.21E-03	4.00E-06	2.36E-06	6.36E-06
Nickel	5.62E-03	7.18E-08	4.22E-08	1.14E-07
TOTAL		9.01E-06	5.31E-06	1.43E-05

TABLE C-31
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.15E+01	2.06E-04	2.90E-02	5.97E-06
Chloromethane	1.74E+00	3.11E-05	3.50E-03	1.09E-07
Dichloromethane	2.90E+00	5.19E-05	1.65E-03	8.56E-08
Arsenic	4.78E-03	8.56E-08	1.50E+01	1.28E-06
Cadmium	5.93E-03	1.06E-07	6.30E+00	6.69E-07
Chromium	5.55E-03	9.93E-08	4.10E+01	4.07E-06
Nickel	8.41E-03	1.51E-07	4.20E-01	6.32E-08
TOTAL				1.23E-05

TABLE C-32
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.15E+01	3.50E-04	2.90E-02	1.01E-05
Chloromethane	1.74E+00	5.28E-05	3.50E-03	1.85E-07
Dichloromethane	2.90E+00	8.81E-05	1.65E-03	1.45E-07
Arsenic	4.78E-03	1.45E-07	1.50E+01	2.18E-06
Cadmium	5.93E-03	1.80E-07	6.30E+00	1.14E-06
Chromium	5.55E-03	1.69E-07	4.10E+01	6.92E-06
Nickel	8.41E-03	2.56E-07	4.20E-01	1.07E-07
TOTAL				2.08E-05

TABLE C-33
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.15E+01	1.01E-05	5.97E-06	1.61E-05
Chloromethane	1.74E+00	1.85E-07	1.09E-07	2.93E-07
Dichloromethane	2.90E+00	1.45E-07	8.56E-08	2.31E-07
Arsenic	4.78E-03	2.18E-06	1.28E-06	3.46E-06
Cadmium	5.93E-03	1.14E-06	6.69E-07	1.80E-06
Chromium	5.55E-03	6.92E-06	4.07E-06	1.10E-05
Nickel	8.41E-03	1.07E-07	6.32E-08	1.71E-07
TOTAL		2.08E-05	1.23E-05	3.31E-05

TABLE C-34
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.89E+00	3.38E-05	2.90E-02	9.81E-07
Chloromethane	2.43E+00	4.35E-05	3.50E-03	1.52E-07
Dichloromethane	4.20E+00	7.51E-05	1.65E-03	1.24E-07
Cadmium	3.27E-03	5.85E-08	6.30E+00	3.69E-07
Chromium	2.40E-03	4.30E-08	4.10E+01	1.76E-06
Nickel	8.42E-03	1.51E-07	4.20E-01	6.33E-08
TOTAL				3.45E-06

TABLE C-35
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.89E+00	5.75E-05	2.90E-02	1.67E-06
Chloromethane	2.43E+00	7.40E-05	3.50E-03	2.59E-07
Dichloromethane	4.20E+00	1.28E-04	1.65E-03	2.11E-07
Cadmium	3.27E-03	9.94E-08	6.30E+00	6.26E-07
Chromium	2.40E-03	7.30E-08	4.10E+01	2.99E-06
Nickel	8.42E-03	2.56E-07	4.20E-01	1.08E-07
TOTAL				5.86E-06

TABLE C-36
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.89E+00	1.67E-06	9.81E-07	2.65E-06
Chloromethane	2.43E+00	2.59E-07	1.52E-07	4.11E-07
Dichloromethane	4.20E+00	2.11E-07	1.24E-07	3.34E-07
Cadmium	3.27E-03	6.26E-07	3.69E-07	9.95E-07
Chromium	2.40E-03	2.99E-06	1.76E-06	4.75E-06
Nickel	8.42E-03	1.08E-07	6.33E-08	1.71E-07
TOTAL		5.86E-06	3.45E-06	9.31E-06

TABLE C-37
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.12E+00	2.00E-05	2.90E-02	5.81E-07
Chloromethane	2.45E+00	4.39E-05	3.50E-03	1.54E-07
Dichloromethane	8.72E-01	1.56E-05	1.65E-03	2.58E-08
Arsenic	4.96E-03	8.88E-08	1.50E+01	1.33E-06
Cadmium	3.41E-03	6.10E-08	6.30E+00	3.85E-07
Chromium	2.96E-03	5.30E-08	4.10E+01	2.17E-06
Nickel	5.84E-03	1.05E-07	4.20E-01	4.39E-08
TOTAL				4.69E-06

TABLE C-38
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.12E+00	3.40E-05	2.90E-02	9.86E-07
Chloromethane	2.45E+00	7.46E-05	3.50E-03	2.61E-07
Dichloromethane	8.72E-01	2.65E-05	1.65E-03	4.38E-08
Arsenic	4.96E-03	1.51E-07	1.50E+01	2.26E-06
Cadmium	3.41E-03	1.04E-07	6.30E+00	6.53E-07
Chromium	2.96E-03	9.00E-08	4.10E+01	3.69E-06
Nickel	5.84E-03	1.78E-07	4.20E-01	7.46E-08
TOTAL				7.97E-06

TABLE C-39
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.12E+00	9.86E-07	5.81E-07	1.57E-06
Chloromethane	2.45E+00	2.61E-07	1.54E-07	4.15E-07
Dichloromethane	8.72E-01	4.38E-08	2.58E-08	6.95E-08
Arsenic	4.96E-03	2.26E-06	1.33E-06	3.59E-06
Cadmium	3.41E-03	6.53E-07	3.85E-07	1.04E-06
Chromium	2.96E-03	3.69E-06	2.17E-06	5.86E-06
Nickel	5.84E-03	7.46E-08	4.39E-08	1.18E-07
TOTAL		7.97E-06	4.69E-06	1.27E-05

TABLE C-40
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.37E+00	4.24E-05	2.90E-02	1.23E-06
Chloromethane	2.64E+00	4.72E-05	3.50E-03	1.65E-07
Dichloromethane	2.50E+02	4.48E-03	1.65E-03	7.39E-06
Cadmium	3.56E-03	6.37E-08	6.30E+00	4.01E-07
Chromium	2.59E-03	4.64E-08	4.10E+01	1.90E-06
Nickel	5.07E-03	9.07E-08	4.20E-01	3.81E-08
TOTAL				1.11E-05

TABLE C-41
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.37E+00	7.20E-05	2.90E-02	2.09E-06
Chloromethane	2.64E+00	8.02E-05	3.50E-03	2.81E-07
Dichloromethane	2.50E+02	7.61E-03	1.65E-03	1.26E-05
Cadmium	3.56E-03	1.08E-07	6.30E+00	6.82E-07
Chromium	2.59E-03	7.88E-08	4.10E+01	3.23E-06
Nickel	5.07E-03	1.54E-07	4.20E-01	6.47E-08
TOTAL				1.89E-05

TABLE C-42
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	2.37E+00	2.09E-06	1.23E-06	3.32E-06
Chloromethane	2.64E+00	2.81E-07	1.65E-07	4.46E-07
Dichloromethane	2.50E+02	1.26E-05	7.39E-06	1.99E-05
Cadmium	3.56E-03	6.82E-07	4.01E-07	1.08E-06
Chromium	2.59E-03	3.23E-06	1.90E-06	5.13E-06
Nickel	5.07E-03	6.47E-08	3.81E-08	1.03E-07
TOTAL		1.89E-05	1.11E-05	3.00E-05

TABLE C-43
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	6.27E-01	1.12E-05	2.90E-02	3.25E-07
Chloromethane	2.15E+00	3.85E-05	3.50E-03	1.35E-07
Dichloromethane	9.60E+00	1.72E-04	1.65E-03	2.84E-07
Beryllium	6.93E-04	1.24E-08	8.40E+00	1.04E-07
Cadmium	3.24E-03	5.80E-08	6.30E+00	3.65E-07
Chromium	3.10E-03	5.55E-08	4.10E+01	2.27E-06
TOTAL				3.49E-06

TABLE C-44
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	6.27E-01	1.90E-05	2.90E-02	5.52E-07
Chloromethane	2.15E+00	6.54E-05	3.50E-03	2.29E-07
Dichloromethane	9.60E+00	2.92E-04	1.65E-03	4.82E-07
Beryllium	6.93E-04	2.11E-08	8.40E+00	1.77E-07
Cadmium	3.24E-03	9.85E-08	6.30E+00	6.21E-07
Chromium	3.10E-03	9.43E-08	4.10E+01	3.86E-06
TOTAL				5.93E-06

TABLE C-45
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	6.27E-01	5.52E-07	3.25E-07	8.78E-07
Chloromethane	2.15E+00	2.29E-07	1.35E-07	3.64E-07
Dichloromethane	9.60E+00	4.82E-07	2.84E-07	7.65E-07
Beryllium	6.93E-04	1.77E-07	1.04E-07	2.81E-07
Cadmium	3.24E-03	6.21E-07	3.65E-07	9.86E-07
Chromium	3.10E-03	3.86E-06	2.27E-06	6.14E-06
TOTAL		5.93E-06	3.49E-06	9.41E-06

TABLE C-46
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.23E+00	2.19E-05	2.90E-02	6.36E-07
Carbon tetrachloride	5.09E-01	9.11E-06	5.30E-02	4.83E-07
Chloromethane	1.94E+00	3.47E-05	3.50E-03	1.22E-07
Tetrachloroethene	5.59E-01	1.00E-05	2.00E-03	2.00E-08
TOTAL				1.26E-06

TABLE C-47
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.23E+00	3.73E-05	2.90E-02	1.08E-06
Carbon tetrachloride	5.09E-01	1.55E-05	5.30E-02	8.20E-07
Chloromethane	1.94E+00	5.90E-05	3.50E-03	2.06E-07
Tetrachloroethene	5.59E-01	1.70E-05	2.00E-03	3.40E-08
TOTAL				2.14E-06

TABLE C-48
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.23E+00	1.08E-06	6.36E-07	1.72E-06
Carbon tetrachloride	5.09E-01	8.20E-07	4.83E-07	1.30E-06
Chloromethane	1.94E+00	2.06E-07	1.22E-07	3.28E-07
Tetrachloroethene	5.59E-01	3.40E-08	2.00E-08	5.40E-08
TOTAL		2.14E-06	1.26E-06	3.40E-06

TABLE C-49
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.46E+00	4.41E-05	2.90E-02	1.28E-06
Carbon tetrachloride	7.14E-01	1.28E-05	5.30E-02	6.78E-07
Chloroethane	5.07E-01	9.07E-06	2.90E-03	2.63E-08
Chloromethane	2.45E+00	4.38E-05	3.50E-03	1.53E-07
1,4-Dichlorobenzene	5.26E-01	9.41E-06	2.20E-02	2.07E-07
Dichloromethane	5.24E-01	9.38E-06	1.65E-03	1.55E-08
Hexachlorobutadiene	5.07E-01	9.07E-06	7.80E-02	7.08E-07
Tetrachloroethene	5.61E-01	1.00E-05	2.00E-03	2.01E-08
TOTAL				3.09E-06

TABLE C-50
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.46E+00	7.49E-05	2.90E-02	2.17E-06
Carbon tetrachloride	7.14E-01	2.17E-05	5.30E-02	1.15E-06
Chloroethane	5.07E-01	1.54E-05	2.90E-03	4.47E-08
Chloromethane	2.45E+00	7.44E-05	3.50E-03	2.61E-07
1,4-Dichlorobenzene	5.26E-01	1.60E-05	2.20E-02	3.52E-07
Dichloromethane	5.24E-01	1.59E-05	1.65E-03	2.63E-08
Hexachlorobutadiene	5.07E-01	1.54E-05	7.80E-02	1.20E-06
Tetrachloroethene	5.61E-01	1.71E-05	2.00E-03	3.41E-08
TOTAL				5.24E-06

TABLE C-51
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	2.46E+00	2.17E-06	1.28E-06	3.45E-06
Carbon tetrachloride	7.14E-01	1.15E-06	6.78E-07	1.83E-06
Chloroethane	5.07E-01	4.47E-08	2.63E-08	7.10E-08
Chloromethane	2.45E+00	2.61E-07	1.53E-07	4.14E-07
1,4-Dichlorobenzene	5.26E-01	3.52E-07	2.07E-07	5.59E-07
Dichloromethane	5.24E-01	2.63E-08	1.55E-08	4.17E-08
Hexachlorobutadiene	5.07E-01	1.20E-06	7.08E-07	1.91E-06
Tetrachloroethene	5.61E-01	3.41E-08	2.01E-08	5.42E-08
TOTAL		5.24E-06	3.09E-06	8.33E-06

TABLE C-52
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	7.79E-01	1.39E-05	2.90E-02	4.04E-07
Chloromethane	8.04E-01	1.44E-05	3.50E-03	5.04E-08
TOTAL				4.55E-07

TABLE C-53
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	7.79E-01	2.37E-05	2.90E-02	6.87E-07
Chloromethane	8.04E-01	2.44E-05	3.50E-03	8.56E-08
TOTAL				7.73E-07

TABLE C-54
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	7.79E-01	6.87E-07	4.04E-07	1.09E-06
Chloromethane	8.04E-01	8.56E-08	5.04E-08	1.36E-07
TOTAL		7.73E-07	4.55E-07	1.23E-06

TABLE C-55
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.46E+00	2.61E-05	2.90E-02	7.58E-07
Chloromethane	2.65E+00	4.74E-05	3.50E-03	1.66E-07
TOTAL				9.24E-07

TABLE C-56
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.46E+00	4.44E-05	2.90E-02	1.29E-06
Chloromethane	2.65E+00	8.05E-05	3.50E-03	2.82E-07
TOTAL				1.57E-06

TABLE C-57
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.46E+00	1.29E-06	7.58E-07	2.05E-06
Chloromethane	2.65E+00	2.82E-07	1.66E-07	4.47E-07
TOTAL		1.57E-06	9.24E-07	2.49E-06

APPENDIX D

SEGREGATION OF HIs BY TARGET ORGAN

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Aluminum	Nervous system effects	EPA-NCEA provisional	Apr-00	Eye, skin, and respiratory system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Aluminum on CD-Rom. CRC Lewis. July 1992. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Fire Protection Association. Fire Protection Guide on Hazardous Materials. 9th ed. Boston, MA: National Fire Protection Association, 1986.p. 49-15. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Arsenic	Vascular	IRIS	Apr-00	neurologic, gastrointestinal, cutaneous, and hematologic disorders	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.
Barium	Respiratory	HEAST	Jul-97	None identified	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Benzene	Neurological and hematopoietic toxicity	EPA-NCEA provisional	Oct-99	Eye, skin, and respiratory system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Benzene on CD-Rom. CRC Lewis. July 1992. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Goodman, L.S., and A. Gilman. (eds.) The Pharmacological Basis of Therapeutics. 5th ed. New York: Macmillan Publishing Co., Inc., 1975. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Beryllium	Respiratory	IRIS	Apr-00	None identified	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Bromomethane	Epithelial hyperplasia of the forestomach	IRIS	Apr-00	Eye, skin, respiratory and kidney effects; Central nervous system and peripheral nervous system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Bromomethane on CD-Rom. CRC Lewis. September 1992. Braker W, Mossman A; Matheson Gas Data Book 6th ED p.457. 1980. Budavari, S. (ed.). The Merck Index - Encyclopedia of Chemicals, Drugs and Biologicals. Rahway, NJ: Merck and Co., Inc., 1989. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997. Reuzel, P.G.J., C.F. Kuper, H.C. Dreef-van der Meulen and V.M.H. Hollanders.1987. Chronic (29-month) inhalation toxicity and carcinogenicity study of methyl bromide in rats. Report No. V86.469/221044. Netherlands Organization for Applied Scientific Research, Division for Nutrition and Food Research, TNO. EPA/OTS Document No. 86-8700001202. Reuzel, P.G.J., H.C. Dreef-van der Meulen, V.M.H. Hollanders, C.F. Kuper, V.J.Feron and C.A. van der Heijden. 1991. Chronic inhalation toxicity and carcinogenicity study of methyl bromide in Wistar rats. Fd. Chem. Toxic.29(1): 31 39.
sec-Butylbenzene	Neurological effects	EPA/NCEA provisional	Oct-99	NA	NA

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
tert-Butylbenzene	Neurological effects	EPA/NCEA provisional	Oct-99	Liver effects	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. Scaragli, GP et al; Toxicity of Food Additives: II. Damage of membranes induced by monocyclic compounds on mitochondria and lysosomes of rat liver: Structure-Action Correlation; Boll Soc Ital Biol Sper 51(22)1707.1975. Scaragli, GP et al; Toxicity of Food Additives: III. Inhibition of respiratory function induced by BHA and BHT on mitochondria of rat liver; Boll Soc Ital Biol Sper 51(22)1707.1975.
Cadmium	Renal System	EPA-NCEA provisional	Apr-00	None identified	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.
Carbon Tetrachloride	Liver toxicity	EPA-NCEA provisional	Apr-00	Central nervous system depression, kidney effects and skin irritation	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Carbon Tetrachloride on CD-Rom. CRC Lewis. May 1994. Gosselin, R.E., R.P. Smith, H.C. Hodge. Clinical Toxicology of Commercial Products. 5th ed. Baltimore: Williams and Wilkins, 1984.,p. III-105. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Chloroethane	Developmental toxicity	IRIS	Apr-00	Liver, kidney, respiratory, central nervous system, and cardiovascular effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Chloroethane on CD-Rom. CRC Lewis. May 1994. Budavari, S. (ed.). The Merck Index - Encyclopedia of Chemicals, Drugs and Biologicals. Rahway, NJ: Merck and Co., Inc., 1989. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. Gilman, A.G., T.W. Rall, A.S. Nies and P. Taylor (eds.). Goodman and Gilman's The Pharmacological Basis of Therapeutics. 8th ed. New York, NY. Pergamon Press, 1990. National Fire Protection Association. Fire Protection Guide on Hazardous Materials. 9th ed. Boston, MA: National Fire Protection Association, 1986.,p. 49-48 National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Chloromethane	NA	EPA/NCEA provisional	Oct-99	Central nervous system depression, liver and renal effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Chloromethane on CD-Rom. CRC Lewis. December 1990. Browning, E. Toxicity and Metabolism of Industrial Solvents. New York: American Elsevier, 1965. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997. Sax, N.I. Dangerous Properties of Industrial Materials. 6th ed. New York, NY: Van Nostrand Reinhold, 1984.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Chromium	Nasal System Atrophy	IRIS	Apr-00	Eye, skin, and other respiratory effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Chromium on CD-Rom. CRC Lewis. April 1993. Arena, J.M. and Drew, R.H. (eds.) Poisoning-Toxicology, Symptoms, Treatments. 5th ed. Springfield, IL: Charles C. Thomas Publisher, 1986. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997. U.S. EPA. Toxicological review of hexavalent chromium. Available online at http://www.epa.gov/iris. 1998. Waldbott GL; Health Effects of Envir Poll p.201. 1973.
Cumene	Increased kidney weights	IRIS	Apr-00	Eye, skin, and respiratory system, and central nervous system effects	American Conference of Governmental Industrial Hygienists. Documentation of the Threshold Limit Values and Biological Exposure Indices. 5th ed. Cincinnati, OH:American Conference of Governmental Industrial Hygienists, 1998. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997. Sax, N.I. and R.J. Lewis, Sr. (eds.). Hawley's Condensed Chemical Dictionary. 11th ed. New York: Van Nostrand Reinhold Co., 1987. Sax, N.I. Dangerous Properties of Industrial Materials. 6th ed. New York, NY: Van Nostrand Reinhold, 1984. Thelestam M et al; Toxicology 15: 203-17. As cited in ITC/USEPA; Information Review #464 (Draft) Cumene p.14. 1980.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
1,4-Dichlorobenzene	Liver effects	IRIS	Apr-00	Eye, skin, respiratory system, and kidney effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for 1,4-Dichlorobenzene on CD-Rom. CRC Lewis. April 1993. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Grant, W.M. Toxicology of the Eye. 3rd ed. Springfield, IL: Charles C. Thomas Publisher, 1986. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. The Merck Index. 10th ed. Rahway, New Jersey: Merck Co., Inc., 1983. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Dichlorodifluoromethane	Reduced body weight	HEAST	Jun-97	Central and peripheral nervous system effects	Goodman, L.S., and A. Gilman. (eds.) The Pharmacological Basis of Therapeutics. 5th ed. New York: Macmillan Publishing Co., Inc., 1975. Gosselin, R.E., R.P. Smith, H.C. Hodge. Clinical Toxicology of Commercial Products. 5th ed. Baltimore: Williams and Wilkins, 1984.,p. II-159. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Dichloromethane	Liver toxicity	HEAST	Jun-97	Eye, skin, central nervous system and cardiovascular system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Methylene Chloride on CD-Rom. CRC Lewis. April 1993. American Conference of Governmental Industrial Hygienists. Documentation of the Threshold Limit Values and Biological Exposure Indices. 5th ed. Cincinnati, OH:American Conference of Governmental Industrial Hygienists, 1986.,p. 392. Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. ITII. Toxic and Hazarous Industrial Chemicals Safety Manual. Tokyo, Japan: The International Technical Information Institute, 1982. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Hexachlorobutadiene	Kidney effects	HEAST	Jul-97	Eye, skin, and respiratory system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Hexachlorobutadiene on CD-Rom. CRC Lewis. May 1994. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. IARC. Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man. Geneva: World Health Organization, International Agency for Research on Cancer,1972-PRESENT. (Multivolume work).,p. V20 188. 1979. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Hydrochloric acid (gaseous)	Hyperplasia of nasal mucosa larynx and trachea	IRIS	Apr-00	Eye, skin, and respiratory system effects	Clayton, G.D., F.E. Clayton (eds.) Patty's Industrial Hygiene and Toxicology. Volumes 2A, 2B, 2C, 2D, 2E, 2F: Toxicology. 4th ed. New York, NY: John Wiley & Sons Inc., 1993-1994. Gosselin, R.E., R.P. Smith, H.C. Hodge. Clinical Toxicology of Commercial Products. 5th ed. Baltimore: Williams and Wilkins, 1984. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. Lewis, R.J. Sax's Dangerous Properties of Industrial Materials. 9th ed. Volumes 1 3. New York, NY: Van Nostrand Reinhold, 1996. Sax, N.I. Dangerous Properties of Industrial Materials. 6th ed. New York, NY: Van Nostrand Reinhold, 1984. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997
Manganese	Central nervous system effects	IRIS	Apr-00	Respiratory system, blood, and kidney effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Manganese on CD-Rom. CRC Lewis. July 1992. Ellenhorn, M.J. and D.G. Barceloux. Medical Toxicology - Diagnosis and Treatment of Human Poisoning. New York, NY: Elsevier Science Publishing Co., Inc. 1988. Engvall J, Perk J; Arch Env Health 40 (3): 185-90. 1985. Gilman, A.G., L.S.Goodman, and A. Gilman. (eds.). Goodman and Gilman's The Pharmacological Basis of Therapeutics. 7th ed. New York: Macmillan Publishing Co., Inc., 1985. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. Nogawa K et al; Environ Res 40: 251-60. 1986. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Naphthalene	Decreased body weight	EPA-NCEA provisional	Apr-00	Eye, skin, blood, liver, kidney, and central nervosu system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Napthalene on CD-Rom. CRC Lewis. August 1995. Budavari, S. (ed.). The Merck Index - Encyclopedia of Chemicals, Drugs and Biologicals. Rahway, NJ: Merck and Co., Inc., 1989. Gosselin, R.E., R.P. Smith, H.C. Hodge. Clinical Toxicology of Commercial Products. 5th ed. Baltimore: Williams and Wilkins, 1984. Grant, W.M. Toxicology of the Eye. 3rd ed. Springfield, IL: Charles C. Thomas Publisher, 1986. Harden RA, Baetjer AM; J Occup Med 20: 820 (1978) as cited in USEPA; Ambient Water Quality Criteria Doc: Naphthalene (Draft) p.C-21. 1980. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. Kirk-Othmer Encyclopedia of Chemical Technology. 3rd ed., Volumes 1-26. New York, NY: John Wiley and Sons, 1980. ITII. Toxic and Hazardous Industrial Chemicals Safety Manual. Tokyo, Japan: The International Technical Information Institute, 1988. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.
Nickel	Reduced body and organ weight	IRIS	Apr-00	Eye, Skin, respiratory	Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.F93
n-Propylbenzene	Neurological effects	EPA/NCEA provisional	Apr-00	Eye, skin, respiratory, and central nervous system effects	Doull, J., C.D.Klassen, and M.D. Amdur (eds.). Casarett and Doull's Toxicology. 3rd ed., New York: Macmillan Co., Inc., 1986. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.F93 National Research Council. Drinking Water & Health Volume 1. Washington, DC: National Academy Press, 1977.

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Tetrachloroethene	Kidney toxicity	EPA/NCEA provisional	Apr-00	Eye, skin, respiratory system, liver, and central nervous system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Tetrachloroethylene on CD-Rom. CRC Lewis. August 1995. American Conference of Governmental Industrial Hygienists. Documentation of the Threshold Limit Values and Biological Exposure Indices. 5th ed. Cincinnati, OH:American Conference of Governmental Industrial Hygienists, 1986. Ellenhorn, M.J. and D.G. Barceloux. Medical Toxicology - Diagnosis and Treatment of Human Poisoning. New York, NY: Elsevier Science Publishing Co., Inc. 1988. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000. ITII. Toxic and Hazarous Industrial Chemicals Safety Manual. Tokyo, Japan: The International Technical Information Institute, 1982. The Merck Index. 10th ed. Rahway, New Jersey: Merck Co., Inc., 1983. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997
Thallium	Liver	EPA/NCEA provisional	Oct-99	Blood, hair, skin, gastrointestinal	Heast 1997; Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000.F93

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
Toluene	Neurological effects	IRIS	Apr-00	Eye, skin, respiratory system, and central nervous system effects	Agency for Toxic Substances and Disease Registry (ATSDR). United States Public Health Service. Toxicological Profile for Tetrachloroethylene on CD-Rom. CRC Lewis. May 1994. American Conference of Governmental Industrial Hygienists. Documentation of the Threshold Limit Values and Biological Exposure Indices. 5th ed. Cincinnati, OH:American Conference of Governmental Industrial Hygienists, 1986. Benignus VA; Neurobehav Toxicol Teratol 3 (4): 407-15 (1981)]** Clayton, G. D. and F. E. Clayton (eds.). Patty's Industrial Hygiene and Toxicology: Volume 2A, 2B, 2C: Toxicology. 3rd ed. New York: John Wiley Sons, 1981-1982. Grant, W.M. Toxicology of the Eye. 3rd ed. Springfield, IL: Charles C. Thomas Publisher, 1986. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000 International Labour Office. Encyclopedia of Occupational Health and Safety. Volumes I and II. New York: McGraw-Hill Book Co., 1971. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997

TABLE D-1.1
CRITICAL EFFECT AND OTHER MAJOR HEALTH EFFECTS

Chemical of Potential Concern	Critical Effect	Reference	Date	Other Major Health Effects	References
1,2,4-Trimethylbenzene	Neurological effects	EPA/NCEA provisional	Oct-99	Eye, skin, respiratory system, and blood effects	American Conference of Governmental Industrial Hygienists, Inc. Documentation of the Threshold Limit Values and Biological Exposure Indices. 6th ed. Volumes I,II, III. Cincinnati, OH: ACGIH, 1991. Budavari, S. (ed.). The Merck Index - Encyclopedia of Chemicals, Drugs and Biologicals. Rahway, NJ: Merck and Co., Inc., 1989. Hazardous Substance Data Bank. National Library of Medicine. National Institute of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000 International Labour Office. Encyclopedia of Occupational Health and Safety. Vols. I&II. Geneva, Switzerland: International Labour Office, 1983. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997
1,3,5-Trimethyl benzene	Neurological effects	EPA/NCEA provisional	Oct-99	Eye, skin, respiratory system, and blood effects	American Conference of Governmental Industrial Hygienists, Inc. Documentation of the Threshold Limit Values and Biological Exposure Indices. 6th ed. Volumes I,II, III. Cincinnati, OH: ACGIH, 1991. Budavari, S. (ed.). The Merck Index - Encyclopedia of Chemicals, Drugs and Biologicals. Rahway, NJ: Merck and Co., Inc., 1989. of Health. Online. Available at: http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB. April 2000 International Labour Office. Encyclopedia of Occupational Health and Safety. Vols. I&II. Geneva, Switzerland: International Labour Office, 1983. National Institute for Occupational Health and Safety. U. S. Department of Health and Human Services (DHHS). NIOSH Pocket Guide to Chemical Hazards. DHHS (NIOSH) Publication No. 94-116. U. S. Government Printing Office. Washington, D.C. 1997.

IRIS = Integrated Risk Information System

EPA/NCEA provisional = Environmental Protection Agency/National Center for Environmental Assessment Provision Values
HEAST = Health Effects Assessment Summary Tables
NA = Not Available

APPENDIX D
SEGREGATION OF HIs BY TARGET ORGAN – RME

TABLE D-1
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	1.36E+00						
Chloromethane	5.26E-03						
Dichloromethane			6.08E-04				
Naphthalene		2.63E-01					
Toluene	2.33E-02						
1,2,4-Trimethylbenzene	1.26E-01						
Hydrochloric acid (gaseous)		1.70E-01					
Aluminum	6.66E-02						
Cadmium				2.42E-02			
Chromium		3.62E-02					
Manganese	5.02E-01						
Nickel		9.01E-05					
HI Segregated by Target Organ	2.08E+00	4.69E-01	6.08E-04	2.42E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	2.58E+00						

TABLE D-2
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	3.81E+00						
Chloromethane	1.47E-02						
Dichloromethane			1.70E-03				
Naphthalene		7.38E-01					
Toluene	6.54E-02						
1,2,4-Trimethylbenzene	3.53E-01						
Hydrochloric acid (gaseous)		4.75E-01					
Aluminum	1.86E-01						
Cadmium				6.78E-02			
Chromium		1.01E-01					
Manganese	1.41E+00						
Nickel		2.52E-04					
HI Segregated by Target Organ	5.83E+00	1.31E+00	1.70E-03	6.78E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	7.22E+00						

TABLE D-3
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	7.17E-01						
Chloromethane	5.80E-03						
Dichloromethane			3.80E-04				
Naphthalene		3.50E-01					
1,2,4-Trimethylbenzene	1.19E-01						
Hydrochloric acid (gaseous)		1.48E-01					
Aluminum	6.74E-02						
Cadmium				2.14E-02			
Chromium		2.93E-02					
Manganese	9.52E-01						
Nickel		7.70E-05					
HI Segregated by Target Organ	1.86E+00	5.28E-01	3.80E-04	2.14E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	2.41E+00						

TABLE D-4
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	2.01E+00						
Chloromethane	1.62E-02						
Dichloromethane			1.06E-03				
Naphthalene		9.81E-01					
1,2,4-Trimethylbenzene	3.34E-01						
Hydrochloric acid (gaseous)		4.15E-01					
Aluminum	1.89E-01						
Cadmium				5.99E-02			
Chromium		8.21E-02					
Manganese	2.67E+00						
Nickel		2.16E-04					
HI Segregated by Target Organ	5.21E+00	1.48E+00	1.06E-03	5.99E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	6.75E+00						

TABLE D-5
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	1.85E+00						
Chloromethane	5.53E-03						
Dichlorodifluoromethane							6.29E-02
Dichloromethane			9.23E-04				
Naphthalene		2.78E-01					
1,2,4-Trimethylbenzene	2.19E-01						
1,3,5-Trimethylbenzene	1.00E-01						
Hydrochloric acid (gaseous)		1.50E-01					
Aluminum	7.32E-02						
Arsenic						4.37E-03	
Barium		5.40E-02					
Cadmium				3.19E-02			
Chromium		5.07E-02					
Manganese	7.36E-01						
Nickel		1.15E-04					
HI Segregated by Target Organ	2.99E+00	5.33E-01	9.23E-04	3.19E-02	0.00E+00	4.37E-03	6.29E-02
Total HI	3.62E+00						

TABLE D-6
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	5.19E+00						
Chloromethane	1.55E-02						
Dichlorodifluoromethane							1.76E-01
Dichloromethane			2.59E-03				
Naphthalene		7.79E-01					
1,2,4-Trimethylbenzene	6.12E-01						
1,3,5-Trimethylbenzene	2.81E-01						
Hydrochloric acid (gaseous)		4.20E-01					
Aluminum	2.05E-01						
Arsenic						1.22E-02	
Barium		1.51E-01					
Cadmium				4.55E-03			
Chromium		8.35E-02					
Manganese	2.06E+00						
Nickel		3.23E-04					
HI Segregated by Target Organ	8.37E+00	1.43E+00	2.59E-03	4.55E-03	0.00E+00	1.22E-02	1.76E-01
Total HI	1.00E+01						

TABLE D-7
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	3.05E-01						
Chloromethane	7.75E-03						
Dichloromethane			1.34E-03				
Naphthalene		2.34E-01					
Hydrochloric acid (gaseous)		1.50E-01					
Aluminum	8.90E-02						
Barium		7.81E-02					
Cadmium				1.76E-02			
Chromium		2.19E-02					
Manganese	4.35E-01						
Nickel		1.15E-04					
HI Segregated by Target Organ	8.36E-01	4.84E-01	1.34E-03	1.76E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.34E+00						

TABLE D-8
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	8.53E-01						
Chloromethane	2.17E-02						
Dichloromethane			3.74E-03				
Naphthalene		6.55E-01					
Hydrochloric acid (gaseous)		4.20E-01					
Aluminum	2.49E-01						
Barium		2.19E-01					
Cadmium				4.92E-02			
Chromium		6.14E-02					
Manganese	1.22E+00						
Nickel		3.23E-04					
HI Segregated by Target Organ	2.34E+00	1.36E+00	3.74E-03	4.92E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	3.75E+00						

TABLE D-9
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	1.80E-01						
Bromomethane					1.24E-01		
Chloromethane	7.81E-03						
Dichloromethane			2.78E-04				
Naphthalene		2.71E-01					
Aluminum	6.55E-02						
Arsenic						4.53E-03	
Cadmium				1.83E-02			
Chromium		2.70E-02					
Manganese	2.89E-01						
Nickel		8.00E-05					
HI Segregated by Target Organ	5.43E-01	2.98E-01	2.78E-04	1.83E-02	1.24E-01	4.53E-03	0.00E+00
Total HI	9.88E-01						

TABLE D-10
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	5.05E-01						
Bromomethane					3.47E-01		
Chloromethane	2.19E-02						
Dichloromethane			7.78E-04				
Naphthalene		7.59E-01					
Aluminum	1.83E-01						
Arsenic						1.27E-02	
Cadmium				5.13E-02			
Chromium		7.57E-02					
Manganese	8.10E-01						
Nickel		2.24E-04					
HI Segregated by Target Organ	1.52E+00	8.34E-01	7.78E-04	5.13E-02	3.47E-01	1.27E-02	0.00E+00
Total HI	2.77E+00						

TABLE D-11
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	3.81E-01						
Chloromethane	8.40E-03						
Dichloromethane			7.97E-02				
Naphthalene		2.90E-01					
Hydrochloric acid (gaseous)		1.22E-01					
Aluminum	6.30E-02						
Barium		1.11E-01					
Cadmium				1.91E-02			
Chromium		2.37E-02					
Manganese	3.03E-01						
Nickel		6.95E-05					
HI Segregated by Target Organ	7.56E-01	5.46E-01	7.97E-02	1.91E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.40E+00						

TABLE D-12
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
SWEET RUN- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.07E+00						
Chloromethane	2.35E-02						
Dichloromethane			2.23E-01				
Naphthalene		8.13E-01					
Hydrochloric acid (gaseous)		3.41E-01					
Aluminum	1.76E-01						
Barium		3.10E-01					
Cadmium				5.35E-02			
Chromium		6.62E-02					
Manganese	8.48E-01						
Nickel		1.94E-04					
HI Segregated by Target Organ	2.12E+00	1.53E+00	2.23E-01	5.35E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	3.92E+00						

TABLE D-13
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.01E-01						
Bromomethane					1.45E-01		
Chloromethane	6.86E-03						
Dichloromethane			3.06E-03				
Aluminum	6.03E-02						
Beryllium		3.33E-02					
Cadmium				1.74E-02			
Chromium		2.83E-02					
Manganese	1.46E-01						
Thallium			2.71E-02				
HI Segregated by Target Organ	3.14E-01	6.16E-02	3.01E-02	1.74E-02	1.45E-01	0.00E+00	0.00E+00
Total HI	5.68E-01						

TABLE D-14
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	2.83E-01						
Bromomethane					4.06E-01		
Chloromethane	1.92E-02						
Dichloromethane			8.57E-03				
Aluminum	1.69E-01						
Beryllium		9.33E-02					
Cadmium				4.87E-02			
Chromium		7.93E-02					
Manganese	4.08E-01						
Thallium			7.58E-02				
HI Segregated by Target Organ	8.79E-01	1.73E-01	8.44E-02	4.87E-02	4.06E-01	0.00E+00	0.00E+00
Total HI	1.59E+00						

TABLE D-15
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.98E-01						
sec-Butylbenzene	1.60E-02						
Carbon tetrachloride				2.44E-01			
Chloromethane				6.18E-03			
Dichlorodifluoromethane							6.67E-02
Isoproplybenzene (Cumene)			3.59E-03				
Naphthalene		3.55E-01					
Tetrachloroethene			1.09E-03				
1,2,4-Trimethylbenzene	1.06E-01						
1,3,5-Trimethylbenzene	8.52E-02						
HI Segregated by Target Organ	4.04E-01	3.55E-01	4.69E-03	2.50E-01	0.00E+00	0.00E+00	6.67E-02
Total HI	1.08E+00						

TABLE D-16
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	5.53E-01						
sec-Butylbenzene	4.48E-02						
Carbon tetrachloride				6.84E-01			
Chloromethane				1.73E-02			
Dichlorodifluoromethane							1.87E-01
Isoproplybenzene (Cumene)			1.01E-02				
Naphthalene		9.95E-01					
Tetrachloroethene			3.07E-03				
1,2,4-Trimethylbenzene	2.96E-01						
1,3,5-Trimethylbenzene	2.38E-01						
HI Segregated by Target Organ	1.13E+00	9.95E-01	1.31E-02	7.01E-01	0.00E+00	0.00E+00	1.87E-01
Total HI	3.03E+00						

TABLE D-17
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	3.97E-01						
Bromomethane					9.92E-02		
sec-Butylbenzene	1.66E-02						
tert-Butyl benzene	1.44E-02						
Carbon tetrachloride				3.43E-01			
Chloroethane						4.79E-05	
Chloromethane				7.80E-03			
1,4-Dichlorobenzene				6.29E-04			
Dichlorodifluoromethane							6.17E-02
Dichloromethane				1.67E-04			
Hexachlorobutadiene			6.95E-01				
Naphthalene		4.31E-01					
n-Proplybenzene	1.94E-02						
Tetrachloroethene			1.10E-03				
Toluene	1.65E-02						
1,2,4-Trimethylbenzene	3.14E-01						
1,3,5-Trimethylbenzene	1.25E-01						
HI Segregated by Target Organ	9.03E-01	4.31E-01	6.96E-01	3.51E-01	9.92E-02	4.79E-05	6.17E-02
Total HI	2.54E+00						

TABLE D-18
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.11E+00						
Bromomethane					2.78E-01		
sec-Butylbenzene	4.65E-02						
tert-Butyl benzene	4.02E-02						
Carbon tetrachloride				9.60E-01			
Chloroethane						1.34E-04	
Chloromethane				2.18E-02			
1,4-Dichlorobenzene				1.76E-03			
Dichlorodifluoromethane							1.73E-01
Dichloromethane				4.67E-04			
Hexachlorobutadiene			1.94E+00				
Naphthalene		1.21E+00					
n-Proplybenzene	5.43E-02						
Tetrachloroethene			3.08E-03				
Toluene	4.63E-02						
1,2,4-Trimethylbenzene	8.80E-01						
1,3,5-Trimethylbenzene	3.49E-01						
HI Segregated by Target Organ	2.53E+00	1.21E+00	1.95E+00	9.84E-01	2.78E-01	1.34E-04	1.73E-01
Total HI	7.12E+00						

TABLE D-19
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.26E-01						
Chloromethane				2.56E-03			
Dichlorodifluoromethane			6.30E-02				
Naphthalene		1.56E-01					
HI Segregated by Target Organ	1.26E-01	1.56E-01	6.30E-02	2.56E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	3.47E-01						

TABLE D-20
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	3.52E-01						
Chloromethane				7.17E-03			
Dichlorodifluoromethane			1.76E-01				
Naphthalene		4.36E-01					
HI Segregated by Target Organ	3.52E-01	4.36E-01	1.76E-01	7.17E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	9.71E-01						

TABLE D-21
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	2.35E-01						
Chloromethane				8.43E-03			
Naphthalene		1.55E-01					
n-Proplybenzene	3.34E-02						
Toluene	6.38E-03						
1,2,4-Trimethylbenzene	1.27E-01						
1,3,5-Trimethylbenzene	8.59E-02						
HI Segregated by Target Organ	4.88E-01	1.55E-01	0.00E+00	8.43E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	6.51E-01						

TABLE D-22
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	6.59E-01						
Naphthalene		4.34E-01					
n-Proplybenzene	9.35E-02						
Toluene	1.79E-02						
1,2,4-Trimethylbenzene	3.56E-01						
1,3,5-Trimethylbenzene	2.41E-01						
HI Segregated by Target Organ	1.37E+00	4.34E-01	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.82E+00						

APPENDIX D
SEGREGATION OF HIs BY TARGET ORGAN – CT

TABLE D-23
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	6.91E-01						
Chloromethane	2.68E-03						
Dichloromethane			3.09E-04				
Naphthalene		1.34E-01					
Toluene	1.19E-02						
1,2,4-Trimethylbenzene	6.41E-02						
Hydrochloric acid (gaseous)		8.62E-02					
Aluminum	3.38E-02						
Cadmium				1.23E-02			
Chromium		1.84E-02					
Manganese	2.55E-01						
Nickel		4.58E-05					
HI Segregated by Target Organ	1.06E+00	2.39E-01	3.09E-04	1.23E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.31E+00						

TABLE D-24
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.76E+00						
Chloromethane	6.82E-03						
Dichloromethane			7.88E-04				
Naphthalene		3.41E-01					
Toluene	3.02E-02						
1,2,4-Trimethylbenzene	1.63E-01						
Hydrochloric acid (gaseous)		2.20E-01					
Aluminum	8.62E-02						
Cadmium				3.14E-02			
Chromium		4.68E-02					
Manganese	6.50E-01						
Nickel		1.17E-04					
HI Segregated by Target Organ	2.70E+00	6.08E-01	7.88E-04	3.14E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	3.34E+00						

TABLE D-25
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	3.64E-01						
Chloromethane	2.95E-03						
Dichloromethane			1.93E-04				
Naphthalene		1.78E-01					
1,2,4-Trimethylbenzene	6.06E-02						
Hydrochloric acid (gaseous)		7.54E-02					
Aluminum	3.42E-02						
Cadmium				1.09E-02			
Chromium		1.49E-02					
Manganese	4.84E-01						
Nickel		3.91E-05					
HI Segregated by Target Organ	9.46E-01	2.68E-01	1.93E-04	1.09E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.23E+00						

TABLE D-26
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body and Organ Weight
Benzene	9.29E-01						
Chloromethane	7.51E-03						
Dichloromethane			4.92E-04				
Naphthalene		4.54E-01					
1,2,4-Trimethylbenzene	1.54E-01						
Hydrochloric acid (gaseous)		1.92E-01					
Aluminum	8.73E-02						
Cadmium				2.82E-02			
Chromium		3.80E-02					
Manganese	1.23E+00						
Nickel		9.97E-05					
HI Segregated by Target Organ	2.41E+00	6.84E-01	4.92E-04	2.82E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	3.12E+00						

TABLE D-27
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	9.42E-01						
Chloromethane	2.81E-03						
Dichlorodifluoromethane							3.20E-02
Dichloromethane			4.69E-04				
Naphthalene		1.41E-01					
1,2,4-Trimethylbenzene	1.11E-01						
1,3,5-Trimethylbenzene	5.10E-02						
Hydrochloric acid (gaseous)		7.62E-02					
Aluminum	3.72E-02						
Arsenic						2.22E-03	
Barium		2.74E-02					
Cadmium				1.62E-02			
Chromium		2.58E-02					
Manganese	3.74E-01						
Nickel		5.85E-05					
HI Segregated by Target Organ	1.52E+00	2.71E-01	4.69E-04	1.62E-02	0.00E+00	2.22E-03	3.20E-02
Total HI	1.84E+00						

TABLE D-28
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	2.40E+00						
Chloromethane	7.16E-03						
Dichlorodifluoromethane							8.15E-02
Dichloromethane			1.20E-03				
Naphthalene		3.60E-01					
1,2,4-Trimethylbenzene	2.83E-01						
1,3,5-Trimethylbenzene	1.30E-01						
Hydrochloric acid (gaseous)		1.94E-01					
Aluminum	9.47E-02						
Arsenic						5.65E-03	
Barium		6.99E-02					
Cadmium				4.12E-02			
Chromium		6.56E-02					
Manganese	9.53E-01						
Nickel		1.49E-04					
HI Segregated by Target Organ	3.87E+00	6.90E-01	1.20E-03	4.12E-02	0.00E+00	5.65E-03	8.15E-02
Total HI	4.69E+00						

TABLE D-29
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.55E-01						
Chloromethane	3.94E-03						
Dichloromethane			6.79E-04				
Naphthalene		1.19E-01					
Hydrochloric acid (gaseous)		7.62E-02					
Aluminum	4.52E-02						
Barium		3.97E-03					
Cadmium				8.93E-03			
Chromium		1.11E-02					
Manganese	2.21E-01						
Nickel		5.86E-05					
HI Segregated by Target Organ	4.25E-01	2.10E-01	6.79E-04	8.93E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	6.45E-01						

TABLE D-30
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	3.94E-01						
Chloromethane	1.00E-02						
Dichloromethane			1.73E-03				
Naphthalene		3.03E-01					
Hydrochloric acid (gaseous)		1.94E-01					
Aluminum	1.15E-01						
Barium		1.01E-01					
Cadmium				2.27E-02			
Chromium		2.84E-02					
Manganese	5.63E-01						
Nickel		1.49E-04					
HI Segregated by Target Organ	1.08E+00	6.27E-01	1.73E-03	2.27E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.73E+00						

TABLE D-31
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	9.16E-02						
Bromomethane					6.30E-02		
Chloromethane	3.97E-03						
Dichloromethane			1.41E-04				
Naphthalene		1.38E-01					
Aluminum	3.33E-02						
Arsenic						2.30E-03	
Cadmium				9.31E-03			
Chromium		1.37E-02					
Manganese	1.47E-01						
Nickel		4.06E-05					
HI Segregated by Target Organ	2.76E-01	1.51E-01	1.41E-04	9.31E-03	6.30E-02	2.30E-03	0.00E+00
Total HI	5.02E-01						

TABLE D-32
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Skin	Decreased Body or Organ Weight
Benzene	2.33E-01						
Bromomethane					1.60E-01		
Chloromethane	1.01E-02						
Dichloromethane			3.60E-04				
Naphthalene		3.51E-01					
Aluminum	8.48E-02						
Arsenic						5.87E-03	
Cadmium				2.37E-02			
Chromium		3.50E-02					
Manganese	3.75E-01						
Nickel		1.04E-04					
HI Segregated by Target Organ	7.03E-01	3.86E-01	3.60E-04	2.37E-02	1.60E-01	5.87E-03	0.00E+00
Total HI	1.28E+00						

TABLE D-33
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.94E-01						
Chloromethane	4.27E-03						
Dichloromethane			4.05E-02				
Naphthalene		1.48E-01					
Hydrochloric acid (gaseous)		6.18E-02					
Aluminum	3.20E-02						
Barium		5.62E-02					
Cadmium				9.72E-03			
Chromium		1.20E-02					
Manganese	1.54E-01						
Nickel		3.53E-05					
HI Segregated by Target Organ	3.84E-01	2.78E-01	4.05E-02	9.72E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	7.12E-01						

TABLE D-34
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
SWEET RUN- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	4.94E-01						
Chloromethane	1.09E-02						
Dichloromethane			1.03E-01				
Naphthalene		3.76E-01					
Hydrochloric acid (gaseous)		1.58E-01					
Aluminum	8.16E-02						
Barium		1.43E-01					
Cadmium				2.48E-02			
Chromium		3.06E-02					
Manganese	3.92E-01						
Nickel		8.99E-05					
HI Segregated by Target Organ	9.78E-01	7.07E-01	1.03E-01	2.48E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	1.81E+00						

TABLE D-35
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	5.13E-02						
Bromomethane					7.37E-02		
Chloromethane	3.48E-03						
Dichloromethane			1.55E-03				
Aluminum	3.06E-02						
Beryllium		1.69E-02					
Cadmium				8.84E-03			
Chromium		1.44E-02					
Manganese	7.41E-02						
Thallium			1.38E-02				
HI Segregated by Target Organ	1.59E-01	3.13E-02	1.53E-02	8.84E-03	7.37E-02	0.00E+00	0.00E+00
Total HI	2.89E-01						

TABLE D-36
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Liver	Kidney	Gastrointestinal System	Vascular	Decreased Body or Organ Weight
Benzene	1.31E-01						
Bromomethane					1.88E-01		
Chloromethane	8.88E-03						
Dichloromethane			3.96E-03				
Aluminum	7.80E-02						
Beryllium		4.31E-02					
Cadmium				2.25E-02			
Chromium		3.67E-02					
Manganese	1.89E-01						
Thallium			3.51E-02				
HI Segregated by Target Organ	4.06E-01	7.98E-02	3.90E-02	2.25E-02	1.88E-01	0.00E+00	0.00E+00
Total HI	7.35E-01						

TABLE D-37
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.00E-01						
sec-Butylbenzene	8.13E-03						
Carbon tetrachloride				1.24E-01			
Chloromethane				3.14E-03			
Dichlorodifluoromethane							3.39E-02
Isoproplybenzene (Cumene)			1.82E-03				
Naphthalene		1.81E-01					
Tetrachloroethene			5.56E-04				
1,2,4-Trimethylbenzene	5.37E-02						
1,3,5-Trimethylbenzene	4.33E-02						
HI Segregated by Target Organ	2.06E-01	1.81E-01	2.38E-03	1.27E-01	0.00E+00	0.00E+00	3.39E-02
Total HI	5.50E-01						

TABLE D-38
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	2.56E-01						
sec-Butylbenzene	2.07E-02						
Carbon tetrachloride				3.16E-01			
Chloromethane				8.00E-03			
Dichlorodifluoromethane							8.64E-02
Isoproplybenzene (Cumene)			4.65E-03				
Naphthalene		4.60E-01					
Tetrachloroethene			1.42E-03				
1,2,4-Trimethylbenzene	1.37E-01						
1,3,5-Trimethylbenzene	1.10E-01						
HI Segregated by Target Organ	5.24E-01	4.60E-01	6.07E-03	3.24E-01	0.00E+00	0.00E+00	8.64E-02
Total HI	1.40E+00						

TABLE D-39
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	2.02E-01						
Bromomethane					5.04E-02		
sec-Butylbenzene	8.44E-03						
tert-Butyl benzene	7.29E-03						
Carbon tetrachloride				1.74E-01			
Chloroethane						2.43E-05	
Chloromethane				3.96E-03			
1,4-Dichlorobenzene				3.20E-04			
Dichlorodifluoromethane							3.14E-02
Dichloromethane				8.48E-05			
Hexachlorobutadiene			3.53E-01				
Naphthalene		2.19E-01					
n-Proplybenzene	9.84E-03						
Tetrachloroethene			5.58E-04				
Toluene	8.41E-03						
1,2,4-Trimethylbenzene	1.60E-01						
1,3,5-Trimethylbenzene	6.34E-02						
HI Segregated by Target Organ	4.59E-01	2.19E-01	3.53E-01	1.79E-01	5.04E-02	2.43E-05	3.14E-02
Total HI	1.29E+00						

TABLE D-40
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	5.14E-01						
Bromomethane					1.28E-01		
sec-Butylbenzene	2.15E-02						
tert-Butyl benzene	1.86E-02						
Carbon tetrachloride				4.44E-01			
Chloroethane						6.20E-05	
Chloromethane				1.01E-02			
1,4-Dichlorobenzene				8.15E-04			
Dichlorodifluoromethane							7.99E-02
Dichloromethane				2.16E-04			
Hexachlorobutadiene			8.99E-01				
Naphthalene		5.59E-01					
n-Proplybenzene	2.51E-02						
Tetrachloroethene			1.42E-03				
Toluene	2.14E-02						
1,2,4-Trimethylbenzene	4.07E-01						
1,3,5-Trimethylbenzene	1.62E-01						
HI Segregated by Target Organ	1.17E+00	5.59E-01	9.01E-01	4.55E-01	1.28E-01	6.20E-05	7.99E-02
Total HI	3.29E+00						

TABLE D-41
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	6.38E-02						
Chloromethane				1.30E-03			
Dichlorodifluoromethane			3.20E-02				
Naphthalene		7.90E-02					
HI Segregated by Target Organ	6.38E-02	7.90E-02	3.20E-02	1.30E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	1.76E-01						

TABLE D-42
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.63E-01						
Chloromethane				3.32E-03			
Dichlorodifluoromethane			8.16E-02				
Naphthalene		2.01E-01					
HI Segregated by Target Organ	1.63E-01	2.01E-01	8.16E-02	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	4.49E-01						

TABLE D-43
SEGREGATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	1.20E-01						
Chloromethane				4.28E-03			
Naphthalene		7.87E-02					
n-Proplybenzene	1.70E-02						
Toluene	3.24E-03						
1,2,4-Trimethylbenzene	6.46E-02						
1,3,5-Trimethylbenzene	4.36E-02						
HI Segregated by Target Organ	2.48E-01	7.87E-02	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00
Total HI	3.31E-01						

TABLE D-44
SEGREGATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - CENTRAL TENDENCY EXPOSURE

Chemical	Hazard Quotient						
	Target Organ						
	Nervous System	Respiratory System	Renal System	Liver	Gastrointestinal System	Developmental	Decreased Body or Organ Weight
Benzene	3.05E-01						
Chloromethane				1.09E-02			
Naphthalene		2.01E-01					
n-Proplybenzene	4.32E-02						
Toluene	8.26E-03						
1,2,4-Trimethylbenzene	1.65E-01						
1,3,5-Trimethylbenzene	1.11E-01						
HI Segregated by Target Organ	6.32E-01	2.01E-01	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00
Total HI	8.44E-01						

APPENDIX E
HUMAN HEALTH ACUTE EFFECTS EVALUATION

Table E-1
Screening Values for Comparison with 24 hour samples

Contaminant	Source of Screening Value	Original Screening Value not adjusted for time-- ug/m3	Time Period of Original Screening Value (hours)	n of chemical	Final screening value for 24 hour comparison-- ug/m3	Source of n Value
Acenapthene	No Source	NA	NA	NA	None	
Acenapthylene	No Source	NA	NA	NA	None	
Acrylic Acid	CAL REL	6.0E+03	1	1	2.50E+02	CAL REL
Aluminum	No Source	NA	NA	NA	None	
Ammonia	ATSDR MRLs	3.5E+02	24	NA	3.5E+02	
Anthracene	No Source	NA	NA	NA	None	
Antimony	No Source	NA	NA	NA	None	
Arsenic	CAL REL	1.9E-01	4	1	3.2E-02	CAL REL
Barium	No Source	NA	NA	NA	None	
Benzene	ATSDR MRLs	1.6E+02	24	NA	1.6E+02	
Benzo(a)anthracene	No Source	NA	NA	NA	None	
Benzo(a)pyrene	No Source	NA	NA	NA	None	
Benzo(b)fluoranthene	No Source	NA	NA	NA	None	
Beryllium	AIHA ERPG	2.5E+01	1	1	1.0E+00	Default
Biphenyl	No Source	NA	NA	NA	None	
Bromoform	No Source	NA	NA	NA	None	
Bromomethane	ATSDR MRLs	1.9E+02	24	NA	1.9E+02	
1,3-Butadiene	AIHA ERPG	2.2E+04	1	1	9.2E+02	Default
Cadmium	No Source	NA	NA	NA	None	
Calcium oxides	No Source	NA	NA	NA	None	
Carbon Disulfide	CAL REL	6.2E+03	6	1	1.6E+03	CAL REL
Carbon Tetrachloride	ATSDR MRLs	1.3E+03	24	NA	1.3E+03	
Chlorine	CAL REL	2.1E+02	1	2.8	6.75E+01	CAL REL
Chlorobenzene	No Source	NA	NA	NA	None	
Chloroethane	ATSDR MRLs	4.0E+04	24	NA	4.0E+04	
Chloromethane	ATSDR MRLs	1.0E+03	24	NA	1.0E+03	
Chromium (VI)	No Source	NA	NA	NA	None	
Chrysene	No Source	NA	NA	NA	None	
Cobalt	No Source	NA	NA	NA	None	
Copper	CAL REL	1.0E+02	1	1	4.17E+00	CAL REL
Cumene	No Source	NA	NA	NA	None	
Cyclohexane	No Source	NA	NA	NA	None	
Cymene	No Source	NA	NA	NA	None	
Dibenz(a,h,)anthracene	No Source	NA	NA	NA	None	
1,4-dichlorobenzene	ATSDR MRLs	4.8E+03	24	NA	4.8E+03	
Dichlorodifluoromethane	No Source	NA	NA	NA	None	
Dichloromethane	ATSDR MRLs	1.0E+04	24	NA	1.0E+04	
2,2-dichloropropane	No Source	NA	NA	NA	None	
2,3-Dimethylpentane	No Source	NA	NA	NA	None	
Ethyl benzene	No Source	NA	NA	NA	None	
Fluoranthene	No Source	NA	NA	NA	None	
Fluorine	No Source	NA	NA	NA	None	
Furfural	No Source	NA	NA	NA	None	
1,3-hexandien-5-yne	No Source	NA	NA	NA	None	
n-Hexane	No Source	NA	NA	NA	None	
Hydrogen chloride	CAL REL	2.1E+03	1	1.5	2.52E+02	CAL REL
Hydrogen fluoride	CAL REL	2.4E+02	1	2	4.90E+01	CAL REL
Hydronium ion	No Source	NA	NA	NA	None	
Indeno(1,2,3-cd)pyrene	No Source	NA	NA	NA	None	
Maleic Anhydride	No Source	NA	NA	NA	None	
Manganese	No Source	NA	NA	NA	None	
Mercury	CAL REL	1.8E+00	1	1	7.5E-02	CAL REL
Methanol	CAL REL	2.8E+04	1	1	1.2E+03	CAL REL
1-Methylcyclopentane	No Source	NA	NA	NA	None	
Methylene Chloride	ATSDR MRLs	1.0E+04	24	NA	1.0E+04	
4-Methyl-2-pentene	No Source	NA	NA	NA	None	

Table E-1
Screening Values for Comparison with 24 hour samples

Contaminant	Source of Screening Value	Original Screening Value not adjusted for time-- ug/m3	Time Period of Original Screening Value (hours)	n of chemical	Final screening value for 24 hour comparison-- ug/m3	Source of n Value
Methyl Tertiary Butyl Ether (MTBE)	ATSDR MRLs	7.2E+03	24	NA	7.2E+03	
Molybdenum	No Source	NA	NA	NA	None	
Napthalene	No Source	NA	NA	NA	None	
Nickel	CAL REL	6.0E+00	1	1	2.50E-01	CAL REL
Nitrate	No Source	NA	NA	NA	None	
Nitric Acid	CAL REL	8.6E+01	1	3.5	3.47E+01	CAL REL
Nitrous Acid	No Source	NA	NA	NA	None	
Nonane	No Source	NA	NA	NA	None	
Phenanthrene	No Source	NA	NA	NA	None	
Propylene	No Source	NA	NA	NA	None	
Pyrene	No Source	NA	NA	NA	None	
Selenium	No Source	NA	NA	NA	None	
Silver	No Source	NA	NA	NA	None	
Styrene	CAL REL	2.1E+04	1	1	8.75E+02	CAL REL
Sulfates	CAL REL	1.2E+02	1	1	5.00E+00	CAL REL
Tetrachloroethene	ATSDR MRLs	1.4E+03	24	NA	1.4E+03	
2,2,4,4-tetramethylpentane	No Source	NA	NA	NA	None	
Thallium	No Source	NA	NA	NA	None	
Tin	No Source	NA	NA	NA	None	
Titanium dioxide	No Source	NA	NA	NA	None	
Toluene	ATSDR MRLs	1.5E+04	24	NA	1.5E+04	
1,2,3-trichlorobenzene	No Source	NA	NA	NA	None	
1,2,4-trichlorobenzene	No Source	NA	NA	NA	None	
1,1,1-trichloroethane	ATSDR MRLs	1.1E+04	24	NA	1.1E+04	
Trichlorofluoromethane	No Source	NA	NA	NA	None	
1,2,4-trimethylbenzene	No Source	NA	NA	NA	None	
1,2,5-trimethylbenzene	No Source	NA	NA	NA	None	
2,3,4-trimethylpentane	No Source	NA	NA	NA	None	
Xylenes (mixed)	ATSDR MRLs	4.3E+03	24	NA	4.3E+03	

Notes:

Haber's Law conversion: Shorter period to longer period

Concentration-final= $((\text{Concentration-initial})^{n} * \text{Time-initial}/\text{Time-final})^{1/n}$

n values: Sources of n values are presented. Where sources were not available, guidance in CAL REL publication was used to determine default values.

Table E-2
Screening Values for Comparison with 1 Hour Samples

Contaminant	Source of Screening Value	Original Screening Value not adjusted for time-- ug/m3	Time Period of Original Screening Value (hours)	n of chemical	Final screening value for 1 hour comparison-- ug/m3	Source of n Value
Acenaphthene	DOE TEEL	1.3E+03	0.25	1	3.1E+02	Default
Acenapthylene	DOE TEEL	2.0E+02	0.25	1	5.0E+01	Default
Acrylic Acid	CAL REL	6.0E+03	1	1	6.00E+03	CAL REL
Aluminum	DOE TEEL	3.0E+04	0.25	1	7.5E+03	Default
Ammonia	CAL REL	3.2E+03	1	1	3.20E+03	CAL REL
Anthracene	DOE TEEL	6.0E+03	0.25	1	1.5E+03	Default
Antimony	DOE TEEL	1.5E+03	0.25	1	3.8E+02	Default
Arsenic	CAL REL	1.9E-01	4	NA	1.90E-01	CAL REL
Barium	DOE TEEL	1.5E+03	0.25	1	3.8E+02	Default
Benzene	CAL REL	1.3E+03	6	2	1.30E+03	CAL REL
Benzo(a)anthracene	DOE TEEL	6.0E+02	0.25	1	1.5E+02	Default
Benzo(a)pyrene	DOE TEEL	6.0E+02	0.25	1	1.5E+02	Default
Benzo(b)fluoranthene	No Source	NA	NA	NA	None	
Beryllium	AIHA ERPG	2.5E+01	1	NA	2.50E+01	
Biphenyl	No Source	NA	NA	NA	None	
Bromoform	DOE TEEL	6.2E+03	0.25	1	1.6E+03	Default
Bromomethane	DOE TEEL	1.2E+04	0.25	1	2.9E+03	Default
1,3-Butadiene	AIHA ERPG	2.2E+04	1	NA	2.21E+04	
Cadmium	DOE TEEL	3.0E+01	0.25	1	7.5E+00	Default
Calcium oxides	DOE TEEL	5.0E+03	0.25	1	1.3E+03	Default
Carbon Disulfide	CAL REL	6.2E+03	6	NA	6.20E+03	CAL REL
Carbon Tetrachloride	CAL REL	1.9E+03	7	2.8	1.90E+03	CAL REL
Chlorine (C12)	CAL REL	2.1E+02	1	2.8	2.10E+02	CAL REL
Chlorobenzene	DOE TEEL	5.2E+03	0.25	1	1.3E+03	Default
Chloroethane	DOE TEEL	2.6E+06	0.25	1	6.6E+05	Default
Chloromethane	No Source	NA	NA	NA	None	
Chromium (VI)	DOE TEEL	1.5E+03	0.25	1	3.8E+02	Default
Chrysene	DOE TEEL	6.0E+02	0.25	1	1.5E+02	Default
Cobalt	DOE TEEL	1.0E+02	0.25	1	2.5E+01	Default
Copper	CAL REL	1.0E+02	1	NA	1.00E+02	CAL REL
Cumene	DOE TEEL	2.5E+05	0.25	1	6.1E+04	Default
Cyclohexane	DOE TEEL	3.1E+06	0.25	1	7.7E+05	Default
Cymene	No Source	NA	NA	NA	None	
Dibenz(a,h,)anthracene	DOE TEEL	3.0E+04	0.25	1	7.5E+03	Default
1,4-dichlorobenzene	DOE TEEL	6.6E+05	0.25	1	1.7E+05	Default
Dichlorodifluoromethane	DOE TEEL	1.5E+07	0.25	1	3.7E+06	Default
Dichloromethane	CAL REL	1.4E+04	1	NA	1.40E+04	CAL REL
2,2-dichloropropane	DOE TEEL	5.1E+05	0.25	1	1.3E+05	Default
2,3-Dimethylpentane	No Source	NA	NA	NA	None	
Ethyl benzene	DOE TEEL	5.4E+05	0.25	1	1.4E+05	Default
Fluoranthene	DOE TEEL	3.0E+01	0.25	1	7.5E+00	Default
Fluorine	DOE TEEL	7.8E+02	0.25	1.9	3.74E+02	Default
Furfural	DOE TEEL	7.9E+03	0.25	1	2.0E+03	Default
1,3-hexandien-5-yne	No Source	NA	NA	NA	None	
n-Hexane	DOE TEEL	5.3E+05	0.25	1	1.3E+05	Default
Hydrogen chloride	CAL REL	2.1E+03	1	1.5	2.10E+03	CAL REL
Hydrogen fluoride	CAL REL	2.4E+02	1	2	2.40E+02	CAL REL
Hydronium ion	No Source	NA	NA	NA	None	
Indeno(1,2,3-cd)pyrene	No Source	NA	NA	NA	None	
Maleic Anhydride	DOE TEEL	3.0E+03	0.25	1	7.5E+02	Default
Manganese	DOE TEEL	3.0E+03	0.25	1	7.5E+02	Default
Mercury	CAL REL	1.8E+00	1	1	1.8E+00	CAL REL

Table E-2
Screening Values for Comparison with 1 Hour Samples

Contaminant	Source of Screening Value	Original Screening Value not adjusted for time-- ug/m3	Time Period of Original Screening Value (hours)	n of chemical	Final screening value for 1 hour comparison-- ug/m3	Source of n Value
Methanol	AIHA ERPG	2.6E+05	1	NA	2.62E+05	
1-Methylcyclopentane	No Source	NA	NA	NA	None	
Methylene Chloride	CAL REL	1.0E+04	1	NA	1.04E+04	CAL REL
4-Methyl-2-pentene	No Source	NA		NA	None	
Methyl Tertiary Butyl Ether (MBTE)	DOE TEEL	4.3E+05	0.25	2	2.16E+05	Default
Molybdenum	DOE TEEL	1.5E+04	0.25	1	3.8E+03	Default
Napthalene	DOE TEEL	7.9E+04	0.25	1	2.0E+04	Default
Nickel	CAL REL	6.0E+00	1	NA	6.00E+00	CAL REL
Nitrate	DOE TEEL	3.0E+04	0.25	1	7.5E+03	Default
Nitric Acid	CAL REL	8.6E+01	1	3.5	8.60E+01	CAL REL
Nitrous Acid	No Source	NA	NA	NA	None	
Nonane	DOE TEEL	1.0E+06	0.25	1	2.6E+05	Default
Phenanthrene	DOE TEEL	2.0E+03	0.25	1	5.0E+02	Default
Propylene	No Source	NA	NA	NA	None	
Pyrene	DOE TEEL	1.5E+04	0.25	1	3.8E+03	Default
Selenium	DOE TEEL	6.0E+02	0.25	1	1.5E+02	Default
Silver	DOE TEEL	3.0E+02	0.25	1	7.5E+01	Default
Styrene	CAL REL	2.1E+04	1	NA	2.10E+04	CAL REL
Sulfates	CAL REL	1.2E+02	1	NA	1.20E+02	CAL REL
Tetrachloroethene	CAL REL	2.0E+04	1	2	2.00E+04	CAL REL
2,2,4,4-tetramethylpentane	No Source	NA	NA	NA	None	
Thallium	DOE TEEL	3.0E+02	0.25	1	7.5E+01	Default
Tin	DOE TEEL	6.0E+03	0.25	1	1.5E+03	Default
Titanium dioxide	No Source	NA	NA	NA	None	
Toluene	CAL REL	3.7E+04	1	2.5	3.70E+04	CAL REL
1,2,3-trichlorobenzene	DOE TEEL	5.0E+04	0.25	1	1.3E+04	Default
1,2,4-trichlorobenzene	DOE TEEL	3.7E+04	0.25	1	9.3E+03	Default
1,1,1-trichloroethane	DOE TEEL	1.9E+06	0.25	1	4.8E+05	Default
Trichlorofluoromethane	DOE TEEL	2.8E+06	0.25	1	7.0E+05	Default
1,2,4-trimethylbenzene	DOE TEEL	1.8E+05	0.25	1	4.5E+04	Default
1,2,5-trimethylbenzene	No Source	NA	NA	NA	None	
2,3,4-trimethylpentane	No Source	NA	NA	NA	None	
Xylenes (mixed)	CAL REL	2.2E+04	1	NA	2.20E+04	CAL REL

Notes:

Haber's Law conversion Shorter period to longer period

Concentration-final= $((\text{Concentration-initial})^{n} * \text{Time-initial}/\text{Time-final})^{1/n}$

n values: Sources of n values are presented.
Where sources were not available, guidance in CAL REL publication was used to determine default values.

TABLE E-3
ACUTE SCREENING OF SUMMA DATA
CENTENNIAL DRIVE

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	33.40	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	29.50	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	4.69	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	16.90	No
Dichloromethane	1.00E+04	7.73	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	4.77	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	0.00	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	3.70	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	42.40	No
Trichlorofluoromethane	NA	41.70	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	9.85	No
1,2,4-Trimethylbenzene	NA	3.78	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	6.12	No
1,3-Xylene & 1,4-Xylene	4.30E+03	17.50	No

NOTES

NA = Not available

TABLE E-4
ACUTE SCREENING OF METALS DATA
CENTENNIAL DRIVE

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	3.20E-02	0.00	No
Barium	NA	0.04	No
Beryllium	1.00E+00	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	4.17E+00	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	7.50E-02	0.00	No
Nickel	2.50E-01	0.01	No
Selenium	NA	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-5
ACUTE SCREENING OF PUF DATA
CENTENNIAL DRIVE

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.00	No
Naphthalene	NA	1.50	No
Phenanthrene	NA	0.00	No

NOTES

NA = Not available

TABLE E-6
ACUTE SCREENING OF ANNULAR DENUDER DATA
CENTENNIAL DRIVE

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	1.00	No
Nitrous acid (gaseous)	NA	0.85	No
Ammonia (gaseous)	3.50E+02	2.41	No
Hydrochloric acid (gaseous)	NA	3.54	No
Sulfate (particulate)	5.00E+00	9.11	Yes
Nitrate (particulate)	NA	0.68	No
Ammonia (particulate)	3.50E+02	2.25	No

NOTES

NA = Not available

TABLE E-7
ACUTE SCREENING OF SUMMA DATA
CORN FIELD

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	10.60	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	12.10	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	4.82	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	17.80	No
Dichloromethane	1.00E+04	15.40	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	0.00	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	2.76	No
Isopropyltoluene(Cymene)	NA	3.55	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	5.40	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	12.00	No
Trichlorofluoromethane	NA	2.96	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	3.52	No
1,2,4-Trimethylbenzene	NA	3.74	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	3.52	No
1,3-Xylene & 1,4-Xylene	4.30E+03	8.72	No

NOTES

NA = Not available

TABLE E-8
ACUTE SCREENING OF METALS DATA
CORN FIELD

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES
NA = Not available

TABLE E-9
ACUTE SCREENING OF PUF DATA
CORN FIELD

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.50	No
Naphthalene	NA	1.40	No
Phenanthrene	NA	0.20	No

NOTES

NA = Not available

TABLE E-10
ACUTE SCREENING OF ANNULAR DENUDER DATA
CORN FIELD

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	1.02	No
Nitrous acid (gaseous)	NA	1.03	No
Ammonia (gaseous)	3.50E+02	0.85	No
Hydrochloric acid (gaseous)	NA	8.17	No
Sulfate (particulate)	5.00E+00	17.40	Yes
Nitrate (particulate)	NA	0.81	No
Ammonia (particulate)	3.50E+02	1.77	No

NOTES

NA = Not available

TABLE E-11
ACUTE SCREENING OF SUMMA DATA
KENOVA FIRE STATION

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	27.60	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	2.62	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	3.89	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	20.80	No
Dichloromethane	1.00E+04	27.10	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	2.96	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	0.00	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	6.09	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	24.40	No
Trichlorofluoromethane	NA	2.71	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	0.00	No
1,2,4-Trimethylbenzene	NA	3.80	No
1,3,5-Trimethylbenzene	NA	2.67	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	4.10	No
1,3-Xylene & 1,4-Xylene	4.30E+03	9.92	No

NOTES

NA = Not available

TABLE E-12
ACUTE SCREENING OF METALS DATA
KENOVA FIRE STATION

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-13
ACUTE SCREENING OF PUF DATA
KENOVA FIRE STATION

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.16	No
Naphthalene	NA	1.80	No
Phenanthrene	NA	0.10	No

NOTES

NA = Not available

TABLE E-14
ACUTE SCREENING OF ANNULAR DENUDER DATA
KENOVA FIRE STATION

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	1.01	No
Nitrous acid (gaseous)	NA	0.81	No
Ammonia (gaseous)	3.50E+02	0.99	No
Hydrochloric acid (gaseous)	NA	6.73	No
Sulfate (particulate)	5.00E+00	11.90	Yes
Nitrate (particulate)	NA	0.67	No
Ammonia (particulate)	3.50E+02	1.78	No

NOTES

NA = Not available

TABLE E-15
ACUTE SCREENING OF SUMMA DATA
KENOVA WATER WORKS

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	5.11	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	2.42	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	4.49	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	17.20	No
Dichloromethane	1.00E+04	160.00	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	0.00	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	0.00	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	2.72	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	4.67	No
Trichlorofluoromethane	NA	3.75	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	0.00	No
1,2,4-Trimethylbenzene	NA	0.00	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	0.00	No
1,3-Xylene & 1,4-Xylene	4.30E+03	2.52	No

NOTES
NA = Not available

TABLE E-16
ACUTE SCREENING OF METALS DATA
KENOVA WATER WORKS

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-17
ACUTE SCREENING OF PUF DATA
KENOVA WATER WORKS

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.20	No
Naphthalene	NA	0.50	No
Phenanthrene	NA	0.00	No

NOTES
NA = Not available

TABLE E-18
ACUTE SCREENING OF ANNULAR DENUDER DATA
KENOVA WATER WORKS

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	0.59	No
Nitrous acid (gaseous)	NA	0.96	No
Ammonia (gaseous)	3.50E+02	0.84	No
Hydrochloric acid (gaseous)	NA	10.80	No
Sulfate (particulate)	5.00E+00	9.56	Yes
Nitrate (particulate)	NA	0.76	No
Ammonia (particulate)	3.50E+02	1.81	No

NOTES

NA = Not available

TABLE E-19
ACUTE SCREENING OF SUMMA DATA
LOCKWOOD ESTATES

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	5.26	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	2.82	No
Carbon Disulfide	1.60E+03	7.98	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	6.64	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	14.40	No
Dichloromethane	1.00E+04	4.51	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	0.00	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	0.00	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	8.33	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	9.72	No
Trichlorofluoromethane	NA	0.00	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	5.00	No
1,2,4-Trichlorobenzene	NA	3.71	No
1,1,1-Trichloroethane	1.10E+04	0.00	No
1,2,4-Trimethylbenzene	NA	0.00	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	2.23	No
1,3-Xylene & 1,4-Xylene	4.30E+03	5.84	No

NOTES

NA = Not available

TABLE E-20
ACUTE SCREENING OF METALS DATA
LOCKWOOD ESTATES

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-21
ACUTE SCREENING OF PUF DATA
LOCKWOOD ESTATES

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.00	No
Naphthalene	NA	0.30	No
Phenanthrene	NA	0.00	No

NOTES

NA = Not available

TABLE E-22
ACUTE SCREENING OF ANNULAR DENUDER DATA
LOCKWOOD ESTATES

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	0.38	No
Nitrous acid (gaseous)	NA	0.94	No
Ammonia (gaseous)	3.50E+02	0.50	No
Hydrochloric acid (gaseous)	NA	1.01	No
Sulfate (particulate)	5.00E+00	16.20	Yes
Nitrate (particulate)	NA	0.77	No
Ammonia (particulate)	3.50E+02	1.88	No

NOTES

NA = Not available

TABLE E-23
ACUTE SCREENING OF SUMMA DATA
SWEET RUN

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	5.78	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	2.56	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	6.20	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	17.60	No
Dichloromethane	1.00E+04	318.00	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	0.00	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	15.30	No
Isopropyltoluene(Cymene)	NA	28.90	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	5.91	No
Styrene	8.75E+02	3.67	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	7.40	No
Trichlorofluoromethane	NA	3.53	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	0.00	No
1,2,4-Trimethylbenzene	NA	0.00	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	0.00	No
1,3-Xylene & 1,4-Xylene	4.30E+03	4.27	No

NOTES
NA = Not available

TABLE E-24
ACUTE SCREENING OF METALS DATA
SWEET RUN

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-25
ACUTE SCREENING OF PUF DATA
SWEET RUN

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.00	No
Naphthalene	NA	1.00	No
Phenanthrene	NA	0.00	No

NOTES

NA = Not available

TABLE E-26
ACUTE SCREENING OF ANNULAR DENUDER DATA
SWEET RUN

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	0.99	No
Nitrous acid (gaseous)	NA	1.25	No
Ammonia (gaseous)	3.50E+02	0.60	No
Hydrochloric acid (gaseous)	NA	4.60	No
Sulfate (particulate)	5.00E+00	16.10	Yes
Nitrate (particulate)	NA	0.65	No
Ammonia (particulate)	3.50E+02	2.02	No

NOTES

NA = Not available

TABLE E-27
ACUTE SCREENING OF SUMMA DATA
WEBBVILLE, KENTUCKY

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	2.23	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	4.95	No
Carbon Disulfide	1.60E+03	8.45	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	4.18	No
1,3,5-Cycloheptatriene	NA	0.00	No
Dichlorodifluoromethane	NA	14.40	No
Dichloromethane	1.00E+04	23.60	No
2,3-Dimethylpentane	NA	0.00	No
Ethylbenzene	NA	0.00	No
1,3-Hexadien-5-yne	NA	0.00	No
Isopropylbenzene(Cumene)	NA	0.00	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	0.00	No
4-Methyl-2-pentene	NA	0.00	No
Naphthalene	NA	0.00	No
Styrene	8.75E+02	0.00	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	3.58	No
Trichlorofluoromethane	NA	2.34	No
2,2,4,4-Tetramethylpentane	NA	0.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	0.00	No
1,2,4-Trimethylbenzene	NA	0.00	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	0.00	No
1,2-Xylene	4.30E+03	0.00	No
1,3-Xylene & 1,4-Xylene	4.30E+03	0.00	No

NOTES

NA = Not available

TABLE E-28
ACUTE SCREENING OF METALS DATA
WEBBVILLE, KENTUCKY

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Aluminum	NA	0.57	No
Antimony	NA	0.01	No
Arsenic	0.38	0.00	No
Barium	NA	0.04	No
Beryllium	NA	0.00	No
Cadmium	NA	0.02	No
Calcium	NA	4.06	No
Chromium	NA	0.01	No
Cobalt	NA	0.00	No
Copper	NA	0.32	No
Iron	NA	1.65	No
Magnesium	NA	0.63	No
Manganese	NA	0.05	No
Molybdenum	NA	0.09	No
Mercury	1.8	0.00	No
Nickel	NA	0.01	No
Selinium	3	0.01	No
Silver	NA	0.00	No
Strontium	NA	0.01	No
Thallium	NA	0.00	No
Tin	NA	0.00	No
Vanadium	NA	0.01	No
Zinc	NA	0.22	No

NOTES

NA = Not available

TABLE E-29
ACUTE SCREENING OF PUF DATA
WEBBVILLE, KENTUCKY

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Acenaphthene	NA	0.00	No
Naphthalene	NA	0.10	No
Phenanthrene	NA	0.00	No

NOTES

NA = Not available

TABLE E-30
ACUTE SCREENING OF ANNULAR DENUDER DATA
WEBBVILLE, KENTUCKY

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Nitric acid (gaseous)	3.47E+01	0.41	No
Nitrous acid (gaseous)	NA	0.26	No
Ammonia (gaseous)	3.50E+02	0.56	No
Hydrochloric acid (gaseous)	NA	1.26	No
Sulfate (particulate)	5.00E+00	9.80	Yes
Nitrate (particulate)	NA	0.70	No
Ammonia (particulate)	3.50E+02	1.44	No

NOTES

NA = Not available

TABLE E-31
ACUTE SCREENING OF SUMMA DATA
KENOVA FIRE STATION-TRIGGER

Contaminant	Final Screening Value for 24 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 24 Hour Screening Value (ug/m^3)
Benzene	1.60E+02	35.80	No
Bromoform	NA	0.00	No
Bromomethane	1.90+02	0.00	No
Carbon Disulfide	1.60E+03	16.80	No
Chlorobenzene	NA	0.00	No
Chloromethane	1.00E+03	29.50	No
1,3,5-Cycloheptatriene	NA	59.00	No
Dichlorodifluoromethane	NA	21.40	No
Dichloromethane	1.00E+04	93.70	No
2,3-Dimethylpentane	NA	47.00	No
Ethylbenzene	NA	4.12	No
1,3-Hexadien-5-yne	NA	70.00	No
Isopropylbenzene(Cumene)	NA	3.07	No
Isopropyltoluene(Cymene)	NA	0.00	No
1-Methylcyclopentene	NA	17.00	No
4-Methyl-2-pentene	NA	146.00	No
Naphthalene	NA	16.80	No
Styrene	8.75E+02	2.18	No
Tetrachloroethene	1.43E+03	0.00	No
Toluene	1.50E+04	70.40	No
Trichlorofluoromethane	NA	12.80	No
2,2,4,4-Tetramethylpentane	NA	158.00	No
1,2,3-Trichlorobenzene	NA	0.00	No
1,2,4-Trichlorobenzene	NA	0.00	No
1,1,1-Trichloroethane	1.10E+04	5.64	No
1,2,4-Trimethylbenzene	NA	4.87	No
1,3,5-Trimethylbenzene	NA	0.00	No
2,3,4-Trimethypentane	NA	29.00	No
1,2-Xylene	4.30E+03	6.00	No
1,3-Xylene & 1,4-Xylene	4.30E+03	15.40	No

NOTES
NA = Not available

TABLE E-32
ACUTE SCREENING OF MOBILE DATA
CORN FIELD

Contaminant	Final Screening Value for 1 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 1 Hour Screening Value (ug/m^3)
Benzene	1.30E+03	67.7	No
Bromoform	1.60E+03	0	No
Bromomethane	2.90E+03	0	No
n-Butylbenzene	NA	1.25	No
n-Propylbenzene	NA	7.17	No
sec-Butylbenzene	NA	2.02	No
tert-Butylbenzene	NA	1.73	No
Carbon disulfide	6.20E+03	0	No
Carbon tetrachloride	1.90E+03	0	No
Chloroethane	6.60E+05	0	No
Chloromethane	NA	4.76	No
1,4-Dichlorobenzene	1.70E+05	0	No
Dichlorodifluoromethane	3.70E+06	16.2	No
Dichloromethane	1.40E+04	0	No
2,2-Dichloropropane	1.30E+05	0	No
Ethylbenzene	1.40E+05	15.1	No
Hexachlorobutadiene	NA	0	No
Isoproplybenzene (Cumene)	6.10E+04	11.3	No
Isopropyltoluene (Cymene)	NA	1.34	No
Naphthalene	2.00E+04	17.4	No
Styrene	2.10E+04	4.32	No
Tetrachloroethene	2.00E+04	0	No
Toluene	3.70E+04	134	No
1,2,3-Trichlorobenzene	1.30E+04	0	No
1,2,4-Trichlorobenzene	9.30E+03	1.02	No
1,1,1-Trichloroethane	4.80E+05	1.67	No
Trichlorofluoromethane	7.00E+05	3.59	No
1,2,4-Trimethylbenzene	4.50E+04	16.1	No
1,3,5-Trimethylbenzene	NA	5.49	No
1,2-Xylene	2.20E+04	10.7	No
1,3-Xylene & 1,4-Xylene	2.20E+04	38.1	No

NOTES
NA = Not available

TABLE E-33
ACUTE SCREENING OF MOBILE DATA
KENOVA FIRE STATION

Contaminant	Final Screening Value for 1 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 1 Hour Screening Value (ug/m^3)
Benzene	1.30E+03	67.7	No
Bromoform	1.60E+03	0	No
Bromomethane	2.90E+03	0	No
n-Butylbenzene	NA	1.25	No
n-Propylbenzene	NA	7.17	No
sec-Butylbenzene	NA	2.02	No
tert-Butylbenzene	NA	1.73	No
Carbon Disulfide	6.20E+03	0	No
Carbon tetrachloride	1.90E+03	0	No
Chloroethane	6.60E+05	0	No
Chloromethane	NA	4.76	No
1,4-Dichlorobenzene	1.70E+05	0	No
Dichlorodifluoromethane	3.70E+06	16.2	No
Dichloromethane	1.40E+04	0	No
2,2-Dichloropropane	1.30E+05	0	No
Ethylbenzene	1.40E+05	15.1	No
Hexachlorobutadiene	NA	0	No
Isoproplybenzene (Cumene)	6.10E+04	11.3	No
Isopropyltoluene (Cymene)	NA	1.34	No
Naphthalene	2.00E+04	17.4	No
Styrene	2.10E+04	4.32	No
Tetrachloroethene	2.00E+04	0	No
Toluene	3.70E+04	134	No
1,2,3-Trichlorobenzene	1.30E+04	0	No
1,2,4-Trichlorobenzene	9.30E+03	1.02	No
1,1,1-Trichloroethane	4.80E+05	1.67	No
Trichlorofluoromethane	7.00E+05	3.59	No
1,2,4-Trimethylbenzene	4.50E+04	16.1	No
1,3,5-Trimethylbenzene	NA	5.49	No
1,2-Xylene	2.20E+04	10.7	No
1,3-Xylene & 1,4-Xylene	2.20E+04	38.1	No

NOTES
NA = Not available

TABLE E-34
ACUTE SCREENING OF MOBILE DATA
KENOVA WATER PLANT

Contaminant	Final Screening Value for 1 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 1 Hour Screening Value (ug/m^3)
Benzene	1.30E+03	0	No
Bromoform	1.60E+03	0	No
Bromomethane	2.90E+03	0	No
n-Butylbenzene	NA	0	No
n-Propylbenzene	NA	0	No
sec-Butylbenzene	NA	0	No
tert-Butylbenzene	NA	0	No
Carbon disulfide	6.20E+03	0	No
Carbon tetrachloride	1.90E+03	0	No
Chloroethane	6.60E+05	0	No
Chloromethane	NA	0	No
1,4-Dichlorobenzene	1.70E+05	0	No
Dichlorodifluoromethane	3.70E+06	0	No
Dichloromethane	1.40E+04	0	No
2,2-Dichloropropane	1.30E+05	0	No
Ethylbenzene	1.40E+05	0	No
Hexachlorobutadiene	NA	0	No
Isoproplybenzene (Cumene)	6.10E+04	0	No
Isopropyltoluene (Cymene)	NA	0	No
Naphthalene	2.00E+04	0	No
Styrene	2.10E+04	0	No
Tetrachloroethene	2.00E+04	0	No
Toluene	3.70E+04	0	No
1,2,3-Trichlorobenzene	1.30E+04	0	No
1,2,4-Trichlorobenzene	9.30E+03	0	No
1,1,1-Trichloroethane	4.80E+05	0	No
Trichlorofluoromethane	7.00E+05	0	No
1,2,4-Trimethylbenzene	4.50E+04	0	No
1,3,5-Trimethylbenzene	NA	0	No
1,2-Xylene	2.20E+04	0	No
1,3-Xylene & 1,4-Xylene	2.20E+04	0	No

NOTES
NA = Not available

TABLE E-35
ACUTE SCREENING OF MOBILE DATA
SOUTHPOINT ETHANOL

Contaminant	Final Screening Value for 1 Hour Comparison (ug/m^3)	Maximum Detected Concentration (ug/m^3)	Exceeds 1 Hour Screening Value (ug/m^3)
Benzene	1.30E+03	67.7	No
Bromoform	1.60E+03	0	No
Bromomethane	2.90E+03	0	No
n-Butylbenzene	NA	1.25	No
n-Propylbenzene	NA	7.17	No
sec-Butylbenzene	NA	2.02	No
tert-Butylbenzene	NA	1.73	No
Carbon disulfide	6.20E+03	0	No
Carbon tetrachloride	1.90E+03	0	No
Chloroethane	6.60E+05	0	No
Chloromethane	NA	4.76	No
1,4-Dichlorobenzene	1.70E+05	0	No
Dichlorodifluoromethane	3.70E+06	16.2	No
Dichloromethane	1.40E+04	0	No
2,2-Dichloropropane	1.30E+05	0	No
Ethylbenzene	1.40E+05	15.1	No
Hexachlorobutadiene	NA	0	No
Isoproplybenzene (Cumene)	6.10E+04	11.3	No
Isopropyltoluene (Cymene)	NA	1.34	No
Naphthalene	2.00E+04	17.4	No
Styrene	2.10E+04	4.32	No
Tetrachloroethene	2.00E+04	0	No
Toluene	3.70E+04	134	No
1,2,3-Trichlorobenzene	1.30E+04	0	No
1,2,4-Trichlorobenzene	9.30E+03	1.02	No
1,1,1-Trichloroethane	4.80E+05	1.67	No
Trichlorofluoromethane	7.00E+05	3.59	No
1,2,4-Trimethylbenzene	4.50E+04	16.1	No
1,3,5-Trimethylbenzene	NA	5.49	No
1,2-Xylene	2.20E+04	10.7	No
1,3-Xylene & 1,4-Xylene	2.20E+04	38.1	No

NOTES

NA = Not available

TRI-STATE GEOGRAPHIC INITIATIVE

TABLE 3-1

SUMMARY OF SAMPLING CONDUCTED IN THE TRI-STATE KENOVA INDUSTRIAL CLUSTER AIR TOXICS MONITORING PROGRAM

Location	County, State	Latitude, Longitude Coordinates	Sampling Summary				
			Samples Taken	Sampler Type	Sampling Dates	Duration of Sample	Use of Samples in Risk Evaluation
Centennial Drive	Wayne, WV	38:23:33N 82:35:06W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
Corn Field	Wayne, WV	38:23:15N 82:36:01W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
			VOCs	Mobile Lab, direct analysis by GC	4/30/97 - 5/26/97	1 hour	Chronic, Acute

TRI-STATE GEOGRAPHIC INITIATIVE

TABLE 3-1

SUMMARY OF SAMPLING CONDUCTED IN THE TRI-STATE KENOVA INDUSTRIAL CLUSTER AIR TOXICS MONITORING PROGRAM

Location	County, State	Latitude, Longitude Coordinates	Sampling Summary				
			Samples Taken	Sampler Type	Sampling Dates	Duration of Sample	Use of Samples in Risk Evaluation
Kenova Fire Station	Wayne, WV	38:24:20N 82:34:48W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
			VOCs	Mobile Lab, direct analysis by GC	10/16/96 - 11/7/96 and 4/2/97 - 4/24/97	1 hour	Chronic, Acute
			VOCs	Trigger Detector, Summa Canister	22 times between 9/96 and 5/97	24 hours	Combined with the VOC results from the stationary sampler in the Chronic and Acute evaluations
Kenova Water Works	Wayne, WV	38:20:59N 82:35:51W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
			VOCs	Mobile Lab, direct analysis by GC	3/12/97 - 4/1/97	1 hour	Chronic, Acute

TRI-STATE GEOGRAPHIC INITIATIVE

TABLE 3-1

SUMMARY OF SAMPLING CONDUCTED IN THE TRI-STATE KENOVA INDUSTRIAL CLUSTER AIR TOXICS MONITORING PROGRAM

Location	County, State	Latitude, Longitude Coordinates	Sampling Summary				
			Samples Taken	Sampler Type	Sampling Dates	Duration of Sample	Use of Samples in Risk Evaluation
Lockwood Estates	Boyd, KY	38:19:52N 82:35:31W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
Sweet Run	Wayne, WV	38:21:46N 82:34:26W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
Webbville	Lawrence, KY	38:11:04N 82:52:22W	VOCs	SUMMA canisters	8/96 -7/97	24 hours	Chronic, Acute
			SVOCs	PUF samplers	6/96 -7/97	24 hours	Chronic, Acute
			Inorganic acids and bases	Annular Denuder Sampler	8/96 -7/97	24 hours	Chronic, Acute
			Metals	High Volume Sampler	6/96 -7/97	24 hours	Chronic, Acute
Southpoint Ethanol facility	Lawrence, OH	38:25:42N 82:34:56W	VOCs	Mobile Lab, direct analysis by GC	5/30/97 - 7/11/97	1 hour	Chronic, Acute

TABLE 4.1-1
SELECTION OF EXPOSURE PATHWAYS

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Current	Air	Air-- Collected by Stationary Samplers	Centennial Drive	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Centennial Drive Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Centennial Drive Sampling Station
			Corn Field	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Corn Field Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Corn Field Sampling Station
			Kenova Fire Station	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Fire Station Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Fire Station Sampling Station
			Kenova Water Works	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Water Works Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Water Works Sampling Station
			Lockwood Estates	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Lockwood Estates Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Lockwood Estates Sampling Station
			Sweet Run	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Sweet Run Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Sweet Run Sampling Station
			Webville	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Webville Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Webville Sampling Station
		Air-- Collected by Mobile Lab	Corn Field	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Corn Field Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Corn Field Sampling Station
			Kenova Fire Station	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Fire Station Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Fire Station Sampling Station
			Kenova Water Works	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Water Works Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Kenova Water Works Sampling Station
			Southpoint Ethanol Site	Resident	Adult	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Southpoint Ethanol Site Sampling Station
					Child	Inhalation	On-Site	Quant	Residents currently live in the vicinity of the Southpoint Ethanol Site Sampling Station

TABLE 4.2-1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CENTENNIAL DRIVE

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	0 / 30	0.5	ND / ND	2.20E+01	IRIS	No	
	Benzene	13 / 25	2.0	2.43E+00 / 3.34E+01	2.20E-01	IRIS	Yes	
	Bromoform	0 / 25	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	0 / 25	2.0	ND / ND	5.10E-01	IRIS	No	
	Carbon Disulfide	24 / 25	2.0	4.24E+00 / 2.95E+01	7.30E+01	IRIS	No	
	Chloromethane	6 / 25	2.0	2.14E+00 / 4.69E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	18 / 25	2.0	5.07E+00 / 1.69E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	5 / 25	2.0	2.05E+00 / 7.73E+00	3.80E+00	IRIS	Yes	
	Ethylbenzene	1 / 25	2.0	4.77E+00 / 4.77E+00	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	0 / 25	2.0	ND / ND	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	0 / 25	2.0	ND / ND	NO RBC	N/A	No	
	Naphthalene	2 / 25	2.0	3.68E+00 / 3.70E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	0 / 30	0.5	ND / ND	1.10E+01	IRIS	No	*
	Styrene	0 / 25	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 25	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	15 / 25	2.0	2.32E+00 / 4.24E+01	4.20E+01	IRIS	Yes	
	Trichlorofluoromethane	24 / 25	2.0	6.29E+00 / 4.17E+01	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 25	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 25	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	24 / 25	2.0	3.71E+00 / 9.85E+00	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	2 / 25	2.0	2.02E+00 / 3.78E+00	6.20E-01	EPA-NCEA provisional	Yes	
	1,3,5-Trimethylbenzene	0 / 25	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	2 / 25	2.0	2.01E+00 / 6.12E+00	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	15 / 25	2.0	2.30E+00 / 1.75E+01	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	22 / 30	0.016 -0.021	5.60E-02 / 2.41E+00	1.00E+01	IRIS	No	
	Ammonia (particulate)	24 / 30	0.022-0.055	2.50E-02 / 2.25E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	22 / 30	0.006-0.008	1.10E-02 / 3.54E+00	2.10E+00	EPA-NCEA provisional	Yes	*
	Hydronium ion	24 / 30	0.074	3.10E-02 / 4.48E-01	NO RBC	N/A	Yes	
	Nitrate (particulate)	20 / 30	0.004-0.011	3.20E-02 / 6.79E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	22 / 30	0.002-0.005	2.00E-03 / 1.00E+00	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	26 / 30	0.003	3.00E-03 / 8.46E-01	NO RBC	N/A	Yes	
	Sulfate (particulate)	25 / 30	0.019	5.63E-01 / 9.11E+00	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	25 / 30	0.006-0.014	1.65E+00 / 2.90E+01	NO RBC	N/A	Yes	
	Aluminum	24 / 30	0.119 - 0.126	4.70E-02 / 5.24E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	6 / 30	0.007-0.01	1.00E-02 / 3.03E-02	1.50E-01	IRIS	No	
	Arsenic	0 / 30	0.006-0.011	ND / ND	4.10E-04	IRIS	No	
	Barium	15 / 30	0.016-0.018	1.70E-02 / 4.43E-02	5.10E-02	HEAST Alternate	No	
	Beryllium	0 / 30	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	13 / 30	0.001-0.006	1.00E-03 / 5.11E-02	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	30 / 30	0.023-0.251	3.73E-01 / 3.10E+00	NO RBC	N/A	Yes	1
	Chromium	8 / 30	.003-.004	4.00E-03 / 1.24E-02	1.50E-04	IRIS	Yes	
	Cobalt	0 / 30	0.001-0.002	ND / ND	2.20E+01	EPA-NCEA provisional	No	
	Copper	30 / 30	0.002	8.20E-02 / 4.61E-01	1.50E+01	HEAST	No	
	Iron	30 / 30	0.011-0.018	1.31E-01 / 1.73E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	26 / 30	0.004-0.005	5.00E-03 / 1.02E-01	NO RBC	N/A	Yes	1
	Magnesium	28 / 30	0.056-0.086	7.70E-02 / 4.95E-01	NO RBC	N/A	Yes	1
	Manganese	30 / 30	0.0005-0.001	4.00E-03 / 5.68E-02	5.20E-03	IRIS	Yes	
	Mercury	0 / 30	0.005-0.042	ND / ND	3.10E-02	IRIS	No	
	Molybdenum	5 / 30	0.002-0.006	5.00E-03 / 1.08E-01	1.80E+00	IRIS	No	
	Nickel	25 / 30	0.001-0.002	2.00E-03 / 1.52E-02	7.50E-03	IRIS	Yes	
	Selenium	2 / 30	0.011-0.016	1.00E-03 / 2.18E-02	1.80E+00	IRIS	No	
	Silver	0 / 30	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	30 / 30	0.0005	1.00E-03 / 8.93E-03	2.20E+02	IRIS	No	
	Thallium	0 / 30	0.007-0.013	ND / ND	2.60E-02	OTHER	No	
	Tin	1 / 30	0.003-0.005	4.00E-03 / 4.00E-03	2.20E+02	HEAST	No	
	Vanadium	0 / 30	0.010-0.011	ND / ND	2.60E+00	HEAST	No	
	Zinc	29 / 30	0.01-0.033	2.20E-02 / 2.22E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORN FIELD

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	3 / 21	0.5	1.00E-01 / 5.00E-01	2.20E+01	IRIS	No	
	Benzene	13 / 24	2.0	2.43E+00 / 1.06E+01	2.20E-01	IRIS	Yes	
	Bromoform	0 / 24	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	0 / 24	2.0	ND / ND	5.10E-01	IRIS	No	
	Carbon Disulfide	18 / 24	2.0	2.93E+00 / 1.21E+01	7.30E+01	IRIS	No	
	Chloromethane	7 / 24	2.0	2.55E+00 / 4.82E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	16 / 24	2.0	5.13E+00 / 1.78E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	3 / 24	2.0	2.19E+00 / 1.54E+01	3.80E+00	IRIS	Yes	
	Ethylbenzene	0 / 24	2.0	ND / ND	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	1 / 24	2.0	2.76E+00 / 2.76E+00	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	1 / 24	2.0	3.54E+00 / 3.55E+00	NO RBC	N/A	No	
	Naphthalene	4 / 24	2.0	2.65E+00 / 5.40E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	4 / 21	0.5	1.00E-01 / 2.00E-01	1.10E+01	IRIS	No	*
	Styrene	0 / 24	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 24	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	15 / 24	2.0	2.09E+00 / 1.20E+01	4.20E+01	IRIS	No	
	Trichlorofluoromethane	2 / 24	2.0	2.30E+00 / 2.96E+00	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	3 / 24	2.0	3.14E+00 / 3.52E+00	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	2 / 24	2.0	2.00E+00 / 3.74E+00	6.20E-01	EPA-NCEA provisional	Yes	
	1,3,5-Trimethylbenzene	0 / 24	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	1 / 24	2.0	3.52E+00 / 3.52E+00	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	9 / 24	2.0	2.50E+00 / 8.72E+00	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	22 / 25	0.016 -0.021	1.00E-02 / 8.47E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	25 / 25	0.022-0.055	2.50E-02 / 1.77E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	24 / 25	0.006-0.008	3.50E-02 / 8.17E+00	2.10E+00	EPA-NCEA provisional	Yes	*
	Hydronium ion	25 / 25	0.074	3.00E-02 / 3.26E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	21 / 25	0.004-0.011	1.80E-02 / 8.07E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	22 / 25	0.002-0.005	2.00E-03 / 1.02E+00	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	25 / 25	0.003	7.20E-02 / 1.03E+00	NO RBC	N/A	Yes	
	Sulfate (particulate)	23 / 25	0.019	3.67E-01 / 1.74E+01	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	25 / 25	0.006-0.014	5.10E-02 / 3.52E+01	NO RBC	N/A	Yes	
	Aluminum	25 / 29	0.119 - 0.126	6.40E-02 / 5.66E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	2 / 29	0.007-0.01	9.00E-03 / 1.35E-02	1.50E-01	IRIS	No	
	Arsenic	0 / 29	0.006-0.011	ND / ND	4.10E-04	IRIS	No	
	Barium	15 / 29	0.016-0.018	1.06E-02 / 4.30E-02	5.10E-02	HEAST Alternate	No	
	Beryllium	0 / 29	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	12 / 29	0.001-0.006	4.00E-04 / 2.01E-02	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	29 / 29	0.023-0.251	2.66E-01 / 4.06E+00	NO RBC	N/A	Yes	1
	Chromium	9 / 29	.003-.004	2.00E-03 / 8.42E-03	1.50E-04	IRIS	Yes	
	Cobalt	2 / 29	0.001-0.002	5.00E-04 / 1.00E-03	2.20E+01	EPA-NCEA provisional	No	
	Copper	29 / 29	0.002	4.40E-02 / 3.23E-01	1.50E+01	HEAST	No	
	Iron	29 / 29	0.011-0.018	1.38E-01 / 1.65E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	29 / 29	0.004-0.005	3.00E-03 / 6.10E-02	NO RBC	N/A	Yes	1
	Magnesium	28 / 29	0.056-0.086	6.08E-02 / 6.31E-01	NO RBC	N/A	Yes	1
	Manganese	29 / 29	0.0005-0.001	4.75E-03 / 4.97E-02	5.20E-03	IRIS	Yes	
	Mercury	0 / 29	0.005-0.042	ND / ND	3.10E-02	IRIS	No	
	Molybdenum	6 / 29	0.002-0.006	1.62E-03 / 9.26E-02	1.80E+00	IRIS	No	
	Nickel	28 / 29	0.001-0.002	1.00E-03 / 9.08E-03	7.50E-03	IRIS	Yes	
	Selenium	1 / 29	0.011-0.016	7.00E-03 / 7.00E-03	1.80E+00	IRIS	No	
	Silver	0 / 29	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	29 / 29	0.0005	1.00E-03 / 8.00E-03	2.20E+02	IRIS	No	
	Thallium	0 / 29	0.007-0.013	ND / ND	2.60E-02	OTHER	No	
	Tin	1 / 29	0.003-0.005	1.50E-03 / 3.00E-03	2.20E+02	HEAST	No	
	Vanadium	1 / 29	0.010-0.011	1.00E-02 / 1.00E-02	2.60E+00	HEAST	No	
	Zinc	28 / 29	0.01-0.033	2.00E-02 / 2.17E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
KENOVA FIRE STATION

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	3 / 28	0.5	1.00E-01 / 1.60E-01	2.20E+01	IRIS	No	
	Benzene	21 / 28	2.0	2.25E+00 / 2.76E+01	2.20E-01	IRIS	Yes	
	Bromoform	0 / 28	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	0 / 28	2.0	ND / ND	5.10E-01	IRIS	No	
	Carbon Disulfide	1 / 28	2.0	2.62E+00 / 2.62E+00	7.30E+01	IRIS	No	
	Chloromethane	8 / 28	2.0	2.59E+00 / 3.89E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	24 / 28	2.0	5.40E+00 / 2.08E+01	1.80E+01	HEAST Alternate	Yes	
	Dichloromethane	7 / 28	2.0	2.63E+00 / 2.71E+01	3.80E+00	IRIS	Yes	
	Ethylbenzene	3 / 28	2.0	2.22E+00 / 2.96E+00	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	0 / 28	2.0	ND / ND	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	0 / 28	2.0	ND / ND	NO RBC	N/A	No	
	Naphthalene	2 / 28	2.0	4.68E+00 / 6.09E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	7 / 28	0.5	1.00E-01 / 1.00E-01	1.10E+01	IRIS	No	*
	Styrene	0 / 28	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 28	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	23 / 28	2.0	3.11E+00 / 2.44E+01	4.20E+01	IRIS	No	
	Trichlorofluoromethane	1 / 28	2.0	2.71E+00 / 2.71E+00	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 28	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 28	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	0 / 28	2.0	ND / ND	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	6 / 28	2.0	2.56E+00 / 3.80E+00	6.20E-01	EPA-NCEA provisional	Yes	
	1,3,5-Trimethylbenzene	1 / 28	2.0	2.67E+00 / 2.67E+00	6.20E-01	EPA-NCEA provisional	Yes	
	1,2-Xylene	4 / 28	2.0	2.25E+00 / 4.10E+00	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	19 / 28	2.0	2.44E+00 / 9.92E+00	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	26 / 28	0.016 -0.021	1.10E-02 / 9.86E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	28 / 28	0.022-0.055	2.40E-02 / 1.78E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	27 / 28	0.006-0.008	7.10E-02 / 6.73E+00	2.10E+00	EPA-NCEA provisional	Yes	*
	Hydronium ion	26 / 28	0.074	3.10E-02 / 3.24E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	25 / 28	0.004-0.011	8.00E-03 / 6.71E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	25 / 28	0.002-0.005	2.00E-03 / 1.01E+00	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	28 / 28	0.003	9.00E-02 / 8.09E-01	NO RBC	N/A	Yes	
	Sulfate (particulate)	28 / 28	0.019	6.90E-01 / 1.19E+01	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	28 / 28	0.006-0.014	1.25E+00 / 1.63E+01	NO RBC	N/A	Yes	
	Aluminum	26 / 30	0.119 - 0.126	3.42E-02 / 5.48E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	4 / 30	0.007-0.01	8.00E-03 / 1.69E-02	1.50E-01	IRIS	No	
	Arsenic	1 / 30	0.006-0.011	2.49E-02 / 2.49E-02	4.10E-04	IRIS	Yes	
	Barium	16 / 30	0.016-0.018	1.80E-02 / 6.88E-02	5.10E-02	HEAST Alternate	Yes	
	Beryllium	0 / 30	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	14 / 30	0.001-0.006	6.76E-04 / 4.40E-02	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	29 / 30	0.023-0.251	4.25E-01 / 3.60E+00	NO RBC	N/A	Yes	1
	Chromium	13 / 30	.003-.004	4.00E-03 / 2.49E-02	1.50E-04	IRIS	Yes	
	Cobalt	0 / 30	0.001-0.002	ND / ND	2.20E+01	EPA-NCEA provisional	No	
	Copper	30 / 30	0.002	4.50E-02 / 2.04E-01	1.50E+01	HEAST	No	
	Iron	30 / 30	0.011-0.018	2.36E-01 / 8.32E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	26 / 30	0.004-0.005	7.00E-03 / 1.20E-01	NO RBC	N/A	Yes	1
	Magnesium	27 / 30	0.056-0.086	7.57E-02 / 5.70E-01	NO RBC	N/A	Yes	1
	Manganese	30 / 30	0.0005-0.001	9.00E-03 / 7.01E-02	5.20E-03	IRIS	Yes	
	Mercury	1 / 30	0.005-0.042	2.49E-02 / 2.49E-02	3.10E-02	IRIS	No	
	Molybdenum	7 / 30	0.002-0.006	3.46E-03 / 9.83E-02	1.80E+00	IRIS	No	
	Nickel	24 / 30	0.001-0.002	1.84E-03 / 2.09E-02	7.50E-03	IRIS	Yes	
	Selenium	2 / 30	0.011-0.016	2.35E-02 / 2.79E-02	1.80E+00	IRIS	No	
	Silver	1 / 30	0.004-0.009	2.49E-02 / 2.49E-02	1.80E+00	IRIS	No	
	Strontium	30 / 30	0.0005	1.00E-03 / 2.44E-02	2.20E+02	IRIS	No	
	Thallium	1 / 30	0.007-0.013	2.49E-02 / 2.49E-02	2.60E-02	OTHER	No	
	Tin	1 / 30	0.003-0.005	2.49E-02 / 2.49E-02	2.20E+02	HEAST	No	
	Vanadium	1 / 30	0.010-0.011	2.49E-02 / 2.49E-02	2.60E+00	HEAST	No	
	Zinc	28 / 30	0.01-0.033	2.20E-02 / 2.07E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
KENOVA WATER WORKS

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	1 / 31	0.5	2.00E-01 / 2.00E-01	2.20E+01	IRIS	No	
	Benzene	8 / 24	2.0	2.06E+00 / 5.11E+00	2.20E-01	IRIS	Yes	
	Bromoform	0 / 24	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	0 / 24	2.0	ND / ND	5.10E-01	IRIS	No	
	Carbon Disulfide	1 / 24	2.0	2.42E+00 / 2.42E+00	7.30E+01	IRIS	No	
	Chloromethane	7 / 24	2.0	3.56E+00 / 4.49E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	14 / 24	2.0	5.20E+00 / 1.72E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	2 / 24	2.0	1.70E+01 / 1.60E+02	3.80E+00	IRIS	Yes	
	Ethylbenzene	0 / 24	2.0	ND / ND	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	0 / 24	2.0	ND / ND	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	0 / 24	2.0	ND / ND	NO RBC	N/A	No	
	Naphthalene	2 / 24	2.0	2.34E+00 / 2.72E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	0 / 31	0.5	ND / ND	1.10E+01	IRIS	No	*
	Styrene	0 / 24	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 24	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	7 / 24	2.0	2.44E+00 / 4.67E+00	4.20E+01	IRIS	No	
	Trichlorofluoromethane	1 / 24	2.0	3.75E+00 / 3.75E+00	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	0 / 24	2.0	ND / ND	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	0 / 24	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,3,5-Trimethylbenzene	0 / 24	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	0 / 24	2.0	ND / ND	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	2 / 24	2.0	2.45E+00 / 2.52E+00	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	23 / 27	0.016 -0.021	3.50E-02 / 8.40E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	25 / 27	0.022-0.055	2.65E-01 / 1.81E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	26 / 27	0.006-0.008	1.33E-01 / 1.08E+01	2.10E+00	EPA-NCEA provisional	Yes	*
	Hydronium ion	25 / 27	0.074	3.10E-02 / 3.25E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	22 / 27	0.004-0.011	5.00E-03 / 7.59E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	24 / 27	0.002-0.005	2.00E-03 / 5.91E-01	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	27 / 27	0.003	3.00E-03 / 9.62E-01	NO RBC	N/A	Yes	
	Sulfate (particulate)	26 / 27	0.019	6.98E-01 / 9.56E+00	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	26 / 27	0.006-0.014	1.63E+00 / 1.94E+01	NO RBC	N/A	Yes	
	Aluminum	27 / 30	0.119 - 0.126	1.06E-01 / 5.93E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	1 / 30	0.007-0.01	6.00E-03 / 6.00E-03	1.50E-01	IRIS	No	
	Arsenic	0 / 30	0.006-0.011	ND / ND	4.10E-04	IRIS	No	
	Barium	18 / 30	0.016-0.018	1.80E-02 / 4.57E-01	5.10E-02	HEAST Alternate	Yes	
	Beryllium	0 / 30	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	12 / 30	0.001-0.006	7.16E-04 / 6.79E-03	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	30 / 30	0.023-0.251	4.44E-01 / 4.02E+00	NO RBC	N/A	Yes	1
	Chromium	3 / 30	.003-.004	5.02E-03 / 5.53E-03	1.50E-04	IRIS	Yes	
	Cobalt	0 / 30	0.001-0.002	ND / ND	2.20E+01	EPA-NCEA provisional	No	
	Copper	29 / 30	0.002	4.85E-02 / 2.27E-01	1.50E+01	HEAST	No	
	Iron	29 / 30	0.011-0.018	8.80E-02 / 5.28E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	26 / 30	0.004-0.005	3.00E-03 / 2.59E-02	NO RBC	N/A	Yes	1
	Magnesium	30 / 30	0.056-0.086	7.30E-02 / 5.16E-01	NO RBC	N/A	Yes	1
	Manganese	29 / 30	0.0005-0.001	3.00E-03 / 2.92E-02	5.20E-03	IRIS	Yes	
	Mercury	0 / 30	0.005-0.042	ND / ND	3.10E-02	IRIS	No	
	Molybdenum	5 / 30	0.002-0.006	2.44E-03 / 1.40E-02	1.80E+00	IRIS	No	
	Nickel	26 / 30	0.001-0.002	1.89E-03 / 2.38E-02	7.50E-03	IRIS	Yes	
	Selenium	0 / 30	0.011-0.016	ND / ND	1.80E+00	IRIS	No	
	Silver	0 / 30	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	30 / 30	0.0005	1.00E-03 / 9.72E-03	2.20E+02	IRIS	No	
	Thallium	0 / 30	0.007-0.013	ND / ND	2.60E-02	OTHER	No	
	Tin	0 / 30	0.003-0.005	ND / ND	2.20E+02	HEAST	No	
	Vanadium	0 / 30	0.010-0.011	ND / ND	2.60E+00	HEAST	No	
	Zinc	28 / 30	0.01-0.033	1.50E-02 / 1.38E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-5
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
LOCKWOOD ESTATES

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	0 / 30	0.5	ND / ND	2.20E+01	IRIS	No	
	Benzene	4 / 27	2.0	2.58E+00 / 5.26E+00	2.20E-01	IRIS	Yes	
	Bromoform	0 / 28	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	1 / 29	2.0	2.82E+00 / 2.82E+00	5.10E-01	IRIS	Yes	
	Carbon Disulfide	18 / 30	2.0	2.59E+00 / 7.98E+00	7.30E+01	IRIS	No	
	Chloromethane	9 / 32	2.0	2.81E+00 / 6.64E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	16 / 34	2.0	5.05E+00 / 1.44E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	2 / 35	2.0	4.24E+00 / 4.51E+00	3.80E+00	IRIS	Yes	
	Ethylbenzene	0 / 37	2.0	ND / ND	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	0 / 39	2.0	ND / ND	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	0 / 40	2.0	ND / ND	NO RBC	N/A	No	
	Naphthalene	2 / 43	2.0	2.18E+00 / 8.33E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	0 / 30	0.5	ND / ND	1.10E+01	IRIS	No	*
	Styrene	0 / 44	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 45	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	3 / 46	2.0	3.39E+00 / 9.72E+00	4.20E+01	IRIS	No	
	Trichlorofluoromethane	0 / 47	2.0	ND / ND	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	1 / 49	2.0	5.00E+00 / 5.00E+00	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	1 / 50	2.0	3.71E+00 / 3.71E+00	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	0 / 51	2.0	ND / ND	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	0 / 52	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,3,5-Trimethylbenzene	0 / 53	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	1 / 55	2.0	2.23E+00 / 2.23E+00	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	1 / 56	2.0	5.84E+00 / 5.84E+00	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	23 / 27	0.016 -0.021	1.10E-02 / 5.04E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	27 / 27	0.022-0.055	1.50E-02 / 1.88E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	26 / 27	0.006-0.008	1.80E-02 / 1.01E+00	2.10E+00	EPA-NCEA provisional	No	*
	Hydronium ion	25 / 27	0.074	3.50E-02 / 3.24E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	17 / 27	0.004-0.011	3.30E-02 / 7.72E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	24 / 27	0.002-0.005	5.00E-03 / 3.79E-01	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	27 / 27	0.003	5.40E-02 / 9.38E-01	NO RBC	N/A	Yes	
	Sulfate (particulate)	27 / 27	0.019	8.84E-01 / 1.62E+01	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	26 / 27	0.006-0.014	3.13E-01 / 1.83E+01	NO RBC	N/A	Yes	
	Aluminum	22 / 28	0.119 - 0.126	3.18E-02 / 4.96E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	0 / 28	0.007-0.01	ND / ND	1.50E-01	IRIS	No	
	Arsenic	1 / 28	0.006-0.011	1.00E-02 / 1.00E-02	4.10E-04	IRIS	Yes	
	Barium	9 / 28	0.016-0.018	1.80E-02 / 4.42E-02	5.10E-02	HEAST Alternate	No	
	Beryllium	0 / 28	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	3 / 28	0.001-0.006	7.88E-04 / 3.41E-03	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	26 / 28	0.023-0.251	2.29E-01 / 2.51E+00	NO RBC	N/A	Yes	1
	Chromium	3 / 28	.003-.004	2.00E-03 / 5.68E-03	1.50E-04	IRIS	Yes	
	Cobalt	0 / 28	0.001-0.002	ND / ND	2.20E+01	EPA-NCEA provisional	No	
	Copper	28 / 28	0.002	1.50E-02 / 1.08E-01	1.50E+01	HEAST	No	
	Iron	28 / 28	0.011-0.018	6.10E-02 / 1.16E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	22 / 28	0.004-0.005	6.00E-03 / 3.10E-02	NO RBC	N/A	Yes	1
	Magnesium	26 / 28	0.056-0.086	5.33E-02 / 5.09E-01	NO RBC	N/A	Yes	1
	Manganese	28 / 28	0.0005-0.001	3.00E-03 / 3.40E-02	5.20E-03	IRIS	Yes	
	Mercury	1 / 28	0.005-0.042	9.19E-03 / 9.19E-03	3.10E-02	IRIS	No	
	Molybdenum	4 / 28	0.002-0.006	7.79E-03 / 1.20E-02	1.80E+00	IRIS	No	
	Nickel	24 / 28	0.001-0.002	2.00E-03 / 8.00E-03	7.50E-03	IRIS	Yes	
	Selenium	1 / 28	0.011-0.016	1.50E-02 / 1.50E-02	1.80E+00	IRIS	No	
	Silver	0 / 28	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	28 / 28	0.0005	6.70E-04 / 7.00E-03	2.20E+02	IRIS	No	
	Thallium	0 / 28	0.007-0.013	ND / ND	2.60E-02	OTHER	No	
	Tin	0 / 28	0.003-0.005	ND / ND	2.20E+02	HEAST	No	
	Vanadium	0 / 28	0.010-0.011	ND / ND	2.60E+00	HEAST	No	
	Zinc	20 / 28	0.01-0.033	1.80E-02 / 7.63E-02	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-6
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
SWEET RUN

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	0 / 30	0.5	ND / ND	2.20E+01	IRIS	No	
	Benzene	8 / 25	2.0	2.43E+00 / 5.78E+00	2.20E-01	IRIS	Yes	
	Bromoform	0 / 25	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	0 / 25	2.0	ND / ND	5.10E-01	IRIS	No	
	Carbon Disulfide	1 / 25	2.0	2.56E+00 / 2.56E+00	7.30E+01	IRIS	No	
	Chloromethane	7 / 25	2.0	3.36E+00 / 6.20E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	15 / 25	2.0	5.36E+00 / 1.76E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	17 / 25	2.0	2.66E+00 / 3.18E+02	3.80E+00	IRIS	Yes	
	Ethylbenzene	0 / 25	2.0	ND / ND	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	5 / 25	2.0	2.47E+00 / 1.53E+01	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	6 / 25	2.0	3.31E+00 / 2.89E+01	NO RBC	N/A	No	
	Naphthalene	2 / 25	2.0	3.89E+00 / 5.91E+00	3.30E-01	IRIS	Yes	
	Phenanthrene	0 / 30	0.5	ND / ND	1.10E+01	IRIS	No	*
	Styrene	4 / 25	2.0	2.76E+00 / 3.67E+00	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 25	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	16 / 25	2.0	2.46E+00 / 7.40E+00	4.20E+01	IRIS	No	
	Trichlorofluoromethane	3 / 25	2.0	2.34E+00 / 3.53E+00	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 25	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 25	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	0 / 25	2.0	ND / ND	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	0 / 25	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,3,5-Trimethylbenzene	0 / 25	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	0 / 25	2.0	ND / ND	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	3 / 25	2.0	3.01E+00 / 4.27E+00	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	25 / 28	0.016 -0.021	2.60E-02 / 6.01E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	28 / 28	0.022-0.055	2.50E-02 / 2.02E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	27 / 28	0.006-0.008	4.10E-02 / 4.60E+00	2.10E+00	EPA-NCEA provisional	Yes	*
	Hydronium ion	26 / 28	0.074	1.10E-02 / 3.19E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	24 / 28	0.004-0.011	1.30E-02 / 6.52E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	25 / 28	0.002-0.005	5.00E-03 / 9.93E-01	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	28 / 28	0.003	3.90E-02 / 1.25E+00	NO RBC	N/A	Yes	
	Sulfate (particulate)	28 / 28	0.019	1.62E-01 / 1.61E+01	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	28 / 28	0.006-0.014	3.41E-01 / 1.26E+01	NO RBC	N/A	Yes	
	Aluminum	20 / 25	0.119 - 0.126	3.11E-02 / 5.25E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	1 / 25	0.007-0.01	1.76E-02 / 1.76E-02	1.50E-01	IRIS	No	
	Arsenic	0 / 25	0.006-0.011	ND / ND	4.10E-04	IRIS	No	
	Barium	11 / 25	0.016-0.018	1.70E-02 / 7.94E-02	5.10E-02	HEAST Alternate	Yes	
	Beryllium	0 / 25	0.0005	ND / ND	7.50E-04	IRIS	No	
	Cadmium	10 / 25	0.001-0.006	7.60E-04 / 1.09E-02	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	25 / 25	0.023-0.251	2.51E-01 / 2.41E+00	NO RBC	N/A	Yes	1
	Chromium	3 / 25	.003-.004	3.84E-03 / 7.71E-03	1.50E-04	IRIS	Yes	
	Cobalt	0 / 25	0.001-0.002	ND / ND	2.20E+01	EPA-NCEA provisional	No	
	Copper	25 / 25	0.002	5.50E-02 / 4.79E-01	1.50E+01	HEAST	No	
	Iron	25 / 25	0.011-0.018	1.39E-01 / 1.66E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	23 / 25	0.004-0.005	4.68E-03 / 3.80E-02	NO RBC	N/A	Yes	1
	Magnesium	23 / 25	0.056-0.086	5.55E-02 / 4.54E-01	NO RBC	N/A	Yes	1
	Manganese	25 / 25	0.0005-0.001	4.00E-03 / 3.90E-02	5.20E-03	IRIS	Yes	
	Mercury	0 / 25	0.005-0.042	ND / ND	3.10E-02	IRIS	No	
	Molybdenum	4 / 25	0.002-0.006	3.68E-03 / 2.90E-02	1.80E+00	IRIS	No	
	Nickel	20 / 25	0.001-0.002	1.70E-03 / 9.66E-03	7.50E-03	IRIS	Yes	
	Selenium	1 / 25	0.011-0.016	1.00E-03 / 1.00E-03	1.80E+00	IRIS	No	
	Silver	0 / 25	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	25 / 25	0.0005	6.83E-04 / 6.00E-03	2.20E+02	IRIS	No	
	Thallium	0 / 25	0.007-0.013	ND / ND	2.60E-02	OTHER	No	
	Tin	1 / 25	0.003-0.005	8.40E-03 / 8.40E-03	2.20E+02	HEAST	No	
	Vanadium	0 / 25	0.010-0.011	ND / ND	2.60E+00	HEAST	No	
	Zinc	23 / 25	0.01-0.033	2.40E-02 / 1.20E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-7
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
WEBBVILLE

	Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics								
	Acenaphthene	0 / 30	0.5	ND / ND	2.20E+01	IRIS	No	
	Benzene	1 / 24	2.0	2.23E+00 / 2.23E+00	2.20E-01	IRIS	Yes	
	Bromoform	0 / 24	2.0	ND / ND	1.60E+00	IRIS	No	
	Bromomethane	1 / 24	2.0	4.95E+00 / 4.95E+00	5.10E-01	IRIS	Yes	
	Carbon Disulfide	21 / 24	2.0	2.25E+00 / 8.45E+00	7.30E+01	IRIS	No	
	Chloromethane	8 / 24	2.0	2.44E+00 / 4.18E+00	1.80E+00	EPA-NCEA provisional	Yes	
	Dichlorodifluoromethane	12 / 24	2.0	5.24E+00 / 1.44E+01	1.80E+01	HEAST Alternate	No	
	Dichloromethane	12 / 24	2.0	2.22E+00 / 2.36E+01	3.80E+00	IRIS	Yes	
	Ethylbenzene	0 / 24	2.0	ND / ND	1.10E+02	IRIS	No	
	Isopropylbenzene(Cumene)	0 / 24	2.0	ND / ND	4.00E+01	IRIS	No	
	Isopropyltoluene(Cymene)	0 / 24	2.0	ND / ND	NO RBC	N/A	No	
	Naphthalene	0 / 24	2.0	ND / ND	3.30E-01	IRIS	No	
	Phenanthrene	0 / 30	0.5	ND / ND	1.10E+01	IRIS	No	*
	Styrene	0 / 24	2.0	ND / ND	1.00E+02	IRIS	No	
	Tetrachloroethene	0 / 24	2.0	ND / ND	3.10E+00	EPA-NCEA provisional	No	
	Toluene	1 / 24	2.0	3.58E+00 / 3.58E+00	4.20E+01	IRIS	No	
	Trichlorofluoromethane	2 / 24	2.0	2.34E+00 / 2.34E+00	7.30E+01	HEAST Alternate	No	
	1,2,3-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	*
	1,2,4-Trichlorobenzene	0 / 24	2.0	ND / ND	2.10E+01	HEAST	No	
	1,1,1-Trichloroethane	0 / 24	2.0	ND / ND	1.00E+02	EPA-NCEA provisional	No	
	1,2,4-Trimethylbenzene	0 / 24	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,3,5-Trimethylbenzene	0 / 24	2.0	ND / ND	6.20E-01	EPA-NCEA provisional	No	
	1,2-Xylene	0 / 24	2.0	ND / ND	7.30E+02	IRIS	No	
	1,3-Xylene & 1,4-Xylene	0 / 24	2.0	ND / ND	7.30E+02	IRIS	No	
Inorganics								
	Ammonia (gaseous)	24 / 28	0.016 -0.021	7.00E-03 / 5.55E-01	1.00E+01	IRIS	No	
	Ammonia (particulate)	27 / 28	0.022-0.055	1.45E-01 / 1.44E+00	1.00E+01	IRIS	No	
	Hydrochloric acid (gaseous)	25 / 28	0.006-0.008	9.50E-02 / 1.26E+00	2.10E+00	EPA-NCEA provisional	No	*
	Hydronium ion	26 / 28	0.074	3.20E-02 / 3.23E+00	NO RBC	N/A	Yes	
	Nitrate (particulate)	19 / 28	0.004-0.011	6.00E-03 / 7.04E-01	5.80E+02	IRIS	No	
	Nitric acid (gaseous)	25 / 28	0.002-0.005	2.00E-03 / 4.07E-01	NO RBC	N/A	Yes	
	Nitrous acid (gaseous)	28 / 28	0.003	1.00E-03 / 2.62E-01	NO RBC	N/A	Yes	
	Sulfate (particulate)	28 / 28	0.019	7.60E-02 / 9.80E+00	NO RBC	N/A	Yes	
	Sulfur dioxide (gaseous)	23 / 28	0.006-0.014	2.19E-01 / 1.02E+01	NO RBC	N/A	Yes	
	Aluminum	21 / 30	0.119 - 0.126	7.20E-03 / 4.48E-01	3.70E-01	EPA-NCEA provisional	Yes	
	Antimony	1 / 30	0.007-0.01	3.90E-02 / 3.90E-02	1.50E-01	IRIS	No	
	Arsenic	0 / 30	0.006-0.011	ND / ND	4.10E-04	IRIS	No	
	Barium	10 / 30	0.016-0.018	1.89E-02 / 4.90E-02	5.10E-02	HEAST Alternate	No	
	Beryllium	1 / 30	0.0005	4.20E-02 / 4.20E-02	7.50E-04	IRIS	Yes	
	Cadmium	1 / 30	0.001-0.006	5.36E-03 / 5.36E-03	9.90E-04	EPA-NCEA provisional	Yes	
	Calcium	28 / 30	0.023-0.251	2.61E-01 / 1.48E+00	NO RBC	N/A	Yes	1
	Chromium	2 / 30	.003-.004	5.22E-03 / 4.20E-02	1.50E-04	IRIS	Yes	
	Cobalt	1 / 30	0.001-0.002	4.40E-02 / 4.40E-02	2.20E+01	EPA-NCEA provisional	No	
	Copper	30 / 30	0.002	6.80E-02 / 6.06E-01	1.50E+01	HEAST	No	
	Iron	30 / 30	0.011-0.018	4.33E-02 / 1.80E+00	1.10E+02	EPA-NCEA provisional	No	
	Lead	8 / 30	0.004-0.005	7.00E-03 / 1.61E-02	NO RBC	N/A	Yes	1
	Magnesium	28 / 30	0.056-0.086	3.84E-02 / 2.78E-01	NO RBC	N/A	Yes	1
	Manganese	30 / 30	0.0005-0.001	2.00E-03 / 1.50E-02	5.20E-03	IRIS	Yes	
	Mercury	0 / 30	0.005-0.042	ND / ND	3.10E-02	IRIS	No	
	Molybdenum	1 / 30	0.002-0.006	4.20E-02 / 4.20E-02	1.80E+00	IRIS	No	
	Nickel	12 / 30	0.001-0.002	1.90E-03 / 5.30E-03	7.50E-03	IRIS	No	
	Selenium	1 / 30	0.011-0.016	3.70E-02 / 3.70E-02	1.80E+00	IRIS	No	
	Silver	0 / 30	0.004-0.009	ND / ND	1.80E+00	IRIS	No	
	Strontium	30 / 30	0.0005	0.00E+00 / 4.00E-03	2.20E+02	IRIS	No	
	Thallium	1 / 30	0.007-0.013	4.20E-02 / 4.20E-02	2.60E-02	OTHER	Yes	
	Tin	0 / 30	0.003-0.005	ND / ND	2.20E+02	HEAST	No	
	Vanadium	1 / 30	0.010-0.011	4.00E-02 / 4.00E-02	2.60E+00	HEAST	No	
	Zinc	20 / 30	0.01-0.033	1.50E-02 / 1.30E-01	1.10E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.
1 Not retained for quantitative analysis. See text for discussion

TABLE 4.2-8
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
MOBILE DATA - CORN FIELD

Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC* Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics							
Benzene	155 / 400	1.0	1.00E+00 / 1.03E+01	2.20E-01	IRIS	Yes	
Bromoform	0 / 400	1.0	ND / ND	1.60E+00	IRIS	No	
Bromomethane	0 / 400	1.0	ND / ND	5.10E-01	IRIS	No	
n-Butylbenzene	0 / 400	1.0	ND / ND	3.70E+00	EPA-NCEA Provisional	No	
n-Proplybenzene	1 / 400	1.0	1.24E+00 / 1.24E+00	3.70E+00	EPA-NCEA Provisional	No	
sec-Butylbenzene	27 / 400	1.0	1.00E+00 / 6.87E+00	3.70E+00	EPA-NCEA Provisional	Yes	
tert-Butyl benzene	1 / 400	1.0	1.50E+00 / 1.50E+00	3.70E+00	EPA-NCEA Provisional	No	
Carbon tetrachloride	2 / 400	1.0	1.19E+00 / 1.97E+00	1.20E-01	IRIS	Yes	
Chloroethane	0 / 400	1.0	ND / ND	2.20E+00	IRIS	No	
Chloromethane	351 / 400	1.0	1.01E+00 / 7.70E+00	1.80E+00	HEAST	Yes	
1,4-Dichlorobenzene	0 / 400	1.0	ND / ND	2.80E-01	HEAST	No	
Dichlorodifluoromethane	395 / 400	1.0	4.84E+00 / 2.01E+01	1.80E+01	EPA-NCEA Provisional	Yes	
Dichloromethane	2 / 400	1.0	1.36E+00 / 1.79E+00	3.80E+00	IRIS	No	
2,2-Dichloropropane	4 / 400	1.0	1.47E+00 / 2.35E+00	No RBC	N/A	Yes	1
Ethylbenzene	76 / 400	1.0	1.03E+00 / 1.52E+01	1.10E+02	IRIS	No	
Hexachlorobutadiene	0 / 400	1.0	ND / ND	8.00E-02	IRIS	No	
Isoproplybenzene (Cumene)	88 / 400	1.0	1.03E+00 / 4.73E+01	4.00E+01	IRIS	Yes	
Isopropyltoluene (Cymene)	3 / 400	1.0	1.19E+00 / 2.08E+00	No RBC	N/A	Yes	1
Naphthalene	122 / 400	1.0	1.00E+00 / 1.30E+01	3.30E-01	IRIS	Yes	
Styrene	6 / 400	1.0	1.05E+00 / 1.69E+00	1.00E+02	IRIS	No	
Tetrachloroethene	15 / 400	1.0	1.01E+00 / 6.41E+00	3.10E+00	EPA-NCEA Provisional	Yes	
Toluene	224 / 400	1.0	1.00E+00 / 1.91E+01	4.20E+01	IRIS	No	
1,2,3-Trichlorobenzene	0 / 400	1.0	ND / ND	2.10E+01	HEAST	No	*
1,2,4-Trichlorobenzene	0 / 400	1.0	ND / ND	2.10E+01	HEAST	No	
1,1,1-Trichloroethane	8 / 400	1.0	1.00E+00 / 3.08E+00	1.00E+02	EPA-NCEA Provisional	No	
Trichlorofluoromethane	291 / 400	1.0	1.19E+00 / 5.91E+00	7.30E+01	HEAST Alternate	No	
1,2,4-Trimethylbenzene	51 / 400	1.0	1.00E+00 / 7.14E+00	6.20E-01	EPA-NCEA Provisional	Yes	
1,3,5-Trimethylbenzene	12 / 400	1.0	1.00E+00 / 2.28E+00	6.20E-01	EPA-NCEA Provisional	Yes	
1,2-Xylene	39 / 400	1.0	1.00E+00 / 5.07E+00	7.30E+02	IRIS	No	
1,3-Xylene & 1,4-Xylene	147 / 400	1.0	1.01E+00 / 2.61E+01	7.30E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.

TABLE 4.2-9
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
MOBILE DATA - KENOVA FIRE STATION

Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics							
Benzene	264 / 540	1.0	1.00E+00 / 6.98E+01	2.20E-01	IRIS	Yes	
Bromoform	2 / 540	1.0	1.17E+00 / 1.25E+00	1.60E+00	IRIS	No	
Bromomethane	1 / 540	1.0	1.06E+00 / 1.06E+00	5.10E-01	IRIS	Yes	
n-Butylbenzene	5 / 540	1.0	1.06E+00 / 1.93E+00	3.70E+00	EPA-NCEA Provisional	No	
n-Proplybenzene	73 / 540	1.0	1.01E+00 / 9.89E+00	3.70E+00	EPA-NCEA Provisional	Yes	
sec-Butylbenzene	25 / 540	1.0	1.28E+00 / 1.31E+01	3.70E+00	EPA-NCEA Provisional	Yes	
tert-Butyl benzene	6 / 540	1.0	1.43E+00 / 4.75E+00	3.70E+00	EPA-NCEA Provisional	Yes	
Carbon tetrachloride	178 / 540	1.0	1.00E+00 / 2.38E+00	1.20E-01	IRIS	Yes	
Chloroethane	1 / 540	1.0	3.15E+00 / 3.15E+00	2.20E+00	IRIS	Yes	
Chloromethane	501 / 540	1.0	1.00E+00 / 1.03E+01	1.80E+00	HEAST	Yes	
1,4-Dichlorobenzene	11 / 540	1.0	1.11E+00 / 2.72E+00	2.80E-01	HEAST	Yes	
Dichlorodifluoromethane	521 / 540	1.0	3.73E+00 / 3.89E+01	1.80E+01	EPA-NCEA Provisional	Yes	
Dichloromethane	10 / 540	1.0	1.06E+00 / 4.95E+00	3.80E+00	IRIS	Yes	
2,2-Dichloropropane	0 / 540	1.0	ND / ND	No RBC	N/A	No	1
Ethylbenzene	206 / 540	1.0	1.00E+00 / 1.31E+01	1.10E+02	IRIS	No	
Hexachlorobutadiene	1 / 540	1.0	1.36E+00 / 1.36E+00	8.00E-02	IRIS	Yes	
Isoproplybenzene (Cumene)	67 / 540	1.0	1.00E+00 / 3.58E+01	4.00E+01	IRIS	No	
Isopropyltoluene (Cymene)	1 / 540	1.0	4.92E+00 / 4.92E+00	No RBC	N/A	Yes	1
Naphthalene	133 / 540	1.0	1.04E+00 / 1.91E+01	3.30E-01	IRIS	Yes	
Styrene	16 / 540	1.0	1.01E+00 / 5.55E+00	1.00E+02	IRIS	No	
Tetrachloroethene	19 / 540	1.0	1.02E+00 / 6.08E+00	3.10E+00	EPA-NCEA Provisional	Yes	
Toluene	380 / 540	1.0	1.01E+00 / 6.98E+01	4.20E+01	IRIS	Yes	
1,2,3-Trichlorobenzene	1 / 540	1.0	1.15E+00 / 1.15E+00	2.10E+01	HEAST	No	*
1,2,4-Trichlorobenzene	0 / 540	1.0	ND / ND	2.10E+01	HEAST	No	
1,1,1-Trichloroethane	10 / 540	1.0	1.01E+00 / 1.54E+00	1.00E+02	EPA-NCEA Provisional	No	
Trichlorofluoromethane	490 / 540	1.0	1.02E+00 / 3.90E+00	7.30E+01	HEAST Alternate	No	
1,2,4-Trimethylbenzene	232 / 540	1.0	1.01E+00 / 1.90E+01	6.20E-01	EPA-NCEA Provisional	Yes	
1,3,5-Trimethylbenzene	109 / 540	1.0	1.00E+00 / 5.57E+00	6.20E-01	EPA-NCEA Provisional	Yes	
1,2-Xylene	215 / 540	1.0	1.03E+00 / 1.92E+01	7.30E+02	IRIS	No	
1,3-Xylene & 1,4-Xylene	314 / 540	1.0	1.02E+00 / 4.90E+01	7.30E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.

TABLE 4.2-10
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
MOBILE DATA - KENOVA WATER WORKS

Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC* Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics							
Benzene	52 / 204	1.0	1.00E+00 / 3.81E+00	2.20E-01	IRIS	Yes	
Bromoform	0 / 204	1.0	ND / ND	1.60E+00	IRIS	No	
Bromomethane	0 / 204	1.0	ND / ND	5.10E-01	IRIS	No	
n-Butylbenzene	0 / 204	1.0	ND / ND	3.70E+00	EPA-NCEA Provisional	No	
n-Proplybenzene	0 / 204	1.0	ND / ND	3.70E+00	EPA-NCEA Provisional	No	
sec-Butylbenzene	0 / 204	1.0	ND / ND	3.70E+00	EPA-NCEA Provisional	No	
tert-Butyl benzene	0 / 204	1.0	ND / ND	3.70E+00	EPA-NCEA Provisional	No	
Carbon tetrachloride	0 / 204	1.0	ND / ND	1.20E-01	IRIS	No	
Chloroethane	0 / 204	1.0	ND / ND	2.20E+00	IRIS	No	
Chloromethane	82 / 204	1.0	1.00E+00 / 2.68E+00	1.80E+00	HEAST	Yes	
1,4-Dichlorobenzene	0 / 204	1.0	ND / ND	2.80E-01	HEAST	No	
Dichlorodifluoromethane	202 / 204	1.0	2.18E+00 / 1.82E+01	1.80E+01	EPA-NCEA Provisional	Yes	
Dichloromethane	0 / 204	1.0	ND / ND	3.80E+00	IRIS	No	
2,2-Dichloropropane	0 / 204	1.0	ND / ND	No RBC	N/A	No	1
Ethylbenzene	0 / 204	1.0	ND / ND	1.10E+02	IRIS	No	
Hexachlorobutadiene	0 / 204	1.0	ND / ND	8.00E-02	IRIS	No	
Isoproplybenzene (Cumene)	0 / 204	1.0	ND / ND	4.00E+01	IRIS	No	
Isopropyltoluene (Cymene)	0 / 204	1.0	ND / ND	No RBC	N/A	No	1
Naphthalene	1 / 204	1.0	1.20E+00 / 1.20E+00	3.30E-01	IRIS	Yes	
Styrene	0 / 204	1.0	ND / ND	1.00E+02	IRIS	No	
Tetrachloroethene	0 / 204	1.0	ND / ND	3.10E+00	EPA-NCEA Provisional	No	
Toluene	66 / 204	1.0	1.00E+00 / 3.53E+00	4.20E+01	IRIS	No	
1,2,3-Trichlorobenzene	0 / 204	1.0	ND / ND	2.10E+01	HEAST	No	*
1,2,4-Trichlorobenzene	0 / 204	1.0	ND / ND	2.10E+01	HEAST	No	
1,1,1-Trichloroethane	6 / 204	1.0	1.00E+00 / 1.38E+00	1.00E+02	EPA-NCEA Provisional	No	
Trichlorofluoromethane	191 / 204	1.0	1.36E+00 / 3.01E+00	7.30E+01	HEAST Alternate	No	
1,2,4-Trimethylbenzene	0 / 204	1.0	ND / ND	6.20E-01	EPA-NCEA Provisional	No	
1,3,5-Trimethylbenzene	0 / 204	1.0	ND / ND	6.20E-01	EPA-NCEA Provisional	No	
1,2-Xylene	0 / 204	1.0	ND / ND	7.30E+02	IRIS	No	
1,3-Xylene & 1,4-Xylene	28 / 204	1.0	1.00E+00 / 2.13E+00	7.30E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.

TABLE 4.2-11
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
MOBILE DATA - SOUTHPOINT ETHANOL SITE

Chemical	Frequency of Detection	Detection Limit	Range of Detected Concentrations	RBC* Screening Value	Source of Toxicity Value Used to Derive RBC	Retained as a COPC	
Organics							
Benzene	170 / 405	1.0	1.00E+00 / 6.77E+01	2.20E-01	IRIS	Yes	
Bromoform	0 / 405	1.0	ND / ND	1.60E+00	IRIS	No	
Bromomethane	0 / 405	1.0	ND / ND	5.10E-01	IRIS	No	
n-Butylbenzene	1 / 405	1.0	1.25E+00 / 1.25E+00	3.70E+00	EPA-NCEA Provisional	No	
n-Proplybenzene	1 / 405	1.0	1.50E+00 / 1.50E+00	3.70E+00	EPA-NCEA Provisional	No	
sec-Butylbenzene	7 / 405	1.0	1.10E+00 / 2.02E+00	3.70E+00	EPA-NCEA Provisional	No	
tert-Butyl benzene	2 / 405	1.0	1.63E+00 / 1.73E+00	3.70E+00	EPA-NCEA Provisional	No	
Carbon tetrachloride	0 / 405	1.0	ND / ND	1.20E-01	IRIS	No	
Chloroethane	0 / 405	1.0	ND / ND	2.20E+00	IRIS	No	
Chloromethane	379 / 405	1.0	1.13E+00 / 4.76E+00	1.80E+00	HEAST	Yes	
1,4-Dichlorobenzene	0 / 405	1.0	ND / ND	2.80E-01	HEAST	No	
Dichlorodifluoromethane	395 / 405	1.0	1.09E+00 / 1.62E+01	1.80E+01	EPA-NCEA Provisional	No	
Dichloromethane	0 / 405	1.0	ND / ND	3.80E+00	IRIS	No	
2,2-Dichloropropane	0 / 405	1.0	ND / ND	No RBC	N/A	No	1
Ethylbenzene	76 / 405	1.0	1.01E+00 / 1.51E+01	1.10E+02	IRIS	No	
Hexachlorobutadiene	0 / 405	1.0	ND / ND	8.00E-02	IRIS	No	
Isoproplybenzene (Cumene)	17 / 405	1.0	1.04E+00 / 1.13E+01	4.00E+01	IRIS	No	
Isopropyltoluene (Cymene)	2 / 405	1.0	1.19E+00 / 1.34E+00	No RBC	N/A	Yes	1
Naphthalene	126 / 405	1.0	1.00E+00 / 1.74E+01	3.30E-01	IRIS	Yes	
Styrene	7 / 405	1.0	1.33E+00 / 4.32E+00	1.00E+02	IRIS	No	
Tetrachloroethene	0 / 405	1.0	ND / ND	3.10E+00	EPA-NCEA Provisional	No	
Toluene	239 / 405	1.0	1.01E+00 / 1.34E+02	4.20E+01	IRIS	Yes	
1,2,3-Trichlorobenzene	0 / 405	1.0	ND / ND	2.10E+01	HEAST	No	*
1,2,4-Trichlorobenzene	1 / 405	1.0	1.02E+00 / 1.02E+00	2.10E+01	HEAST	No	
1,1,1-Trichloroethane	16 / 405	1.0	1.18E+00 / 1.67E+00	1.00E+02	EPA-NCEA Provisional	No	
Trichlorofluoromethane	248 / 405	1.0	1.69E+00 / 3.59E+00	7.30E+01	HEAST Alternate	No	
1,2,4-Trimethylbenzene	91 / 405	1.0	1.00E+00 / 1.61E+01	6.20E-01	EPA-NCEA Provisional	Yes	
1,3,5-Trimethylbenzene	9 / 405	1.0	1.04E+00 / 5.49E+00	6.20E-01	EPA-NCEA Provisional	Yes	
1,2-Xylene	65 / 405	1.0	1.00E+00 / 1.07E+01	7.30E+02	IRIS	No	
1,3-Xylene & 1,4-Xylene	177 / 405	1.0	1.01E+00 / 3.81E+01	7.30E+02	IRIS	No	

Note:
All concentrations are in ug/m3
ND- Not Detected
* - surrogate RBC used for screening. See text for discussion.

TABLE 4.3-1
EXPOSURE POINT CONCENTRATION SUMMARY
CENTENNIAL DRIVE

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	3.87E+00	LN	3.34E+01	8.44E+00	95% UCL	8.44E+00
	Chloromethane	1.20E+00	LN	4.69E+00	1.65E+00	95% UCL	1.65E+00
	Dichloromethane	6.93E+00	LN	7.73E+00	1.91E+00	95% UCL	1.91E+00
	Naphthalene	7.55E-01	LN	3.70E+00	8.65E-01	95% UCL	8.65E-01
	Toluene	4.51E+00	LN	4.24E+01	9.72E+00	95% UCL	9.72E+00
	1,2,4-Trimethylbenzene	6.29E-01	LN	3.78E+00	7.83E-01	95% UCL	7.83E-01
Inorganics							
	Hydrochloric acid (gaseous)	6.45E-01	LN	3.54E+00	1.04E+01	95% UCL	3.54E+00
	Hydronium ion	1.99E-01	N	4.48E-01	2.42E-01	95% UCL	2.42E-01
	Nitric acid (gaseous)	2.34E-01	LN	1.00E+00	3.15E-01	95% UCL	3.15E-01
	Nitrous acid (gaseous)	2.89E-01	N	8.46E-01	3.56E-01	95% UCL	3.56E-01
	Sulfate (particulate)	3.08E+00	LN	9.11E+00	1.01E+01	95% UCL	9.11E+00
	Sulfur dioxide (gaseous)	7.27E+00	LN	2.90E+01	3.34E+01	95% UCL	2.90E+01
	Aluminum	2.01E-01	N	5.24E-01	2.43E-01	95% UCL	2.43E-01
	Cadmium	4.08E-03	LN	5.11E-02	4.51E-03	95% UCL	4.51E-03
	Chromium	3.29E-03	LN	1.24E-02	3.96E-03	95% UCL	3.96E-03
	Manganese	1.96E-02	LN	5.68E-02	2.62E-02	95% UCL	2.62E-02
	Nickel	4.64E-03	LN	1.52E-02	6.58E-03	95% UCL	6.58E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-2
EXPOSURE POINT CONCENTRATION SUMMARY
CORN FIELD

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	2.39E+00	LN	1.06E+01	4.45E+00	95% UCL	4.45E+00
	Chloromethane	1.26E+00	LN	4.82E+00	1.82E+00	95% UCL	1.82E+00
	Dichloromethane	1.02E+00	LN	1.54E+01	1.19E+00	95% UCL	1.19E+00
	Naphthalene	9.34E-01	LN	5.40E+00	1.15E+00	95% UCL	1.15E+00
	1,2,4-Trimethylbenzene	6.46E-01	LN	3.74E+00	7.40E-01	95% UCL	7.40E-01
Inorganics							
	Hydrochloric acid (gaseous)	8.04E-01	LN	8.17E+00	3.09E+00	95% UCL	3.09E+00
	Hydronium ion	3.07E-01	LN	3.26E+00	4.69E-01	95% UCL	4.69E-01
	Nitric acid (gaseous)	2.16E-01	N	1.02E+00	5.51E-01	95% UCL	5.51E-01
	Nitrous acid (gaseous)	2.69E-01	LN	1.03E+00	3.39E-01	95% UCL	3.39E-01
	Sulfate (particulate)	3.60E+00	LN	1.74E+01	5.32E+00	95% UCL	5.32E+00
	Sulfur dioxide (gaseous)	7.27E+00	LN	3.52E+01	1.00E+01	95% UCL	1.00E+01
	Aluminum	2.08E-01	N	4.54E-01	2.46E-01	95% UCL	2.46E-01
	Cadmium	2.76E-03	LN	2.01E-02	3.98E-03	95% UCL	3.98E-03
	Chromium	2.70E-03	LN	8.42E-03	3.21E-03	95% UCL	3.21E-03
	Manganese	2.35E-01	N	4.97E-02	2.75E-01	Max	4.97E-02
	Nickel	4.20E-03	LN	9.08E-03	5.62E-03	95% UCL	5.62E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-3
EXPOSURE POINT CONCENTRATION SUMMARY
KENOVA FIRE STATION

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	5.38E+00	LN	2.76E+01	1.15E+01	95% UCL	1.15E+01
	Chloromethane	1.26E+00	LN	3.89E+00	1.74E+00	95% UCL	1.74E+00
	Dichlorodifluoromethane	9.69E+00	LN	2.08E+01	1.15E+01	95% UCL	1.15E+01
	Dichloromethane	2.36E+00	LN	2.71E+01	2.90E+00	95% UCL	2.90E+00
	Naphthalene	8.49E-01	LN	6.09E+00	9.14E-01	95% UCL	9.14E-01
	1,2,4-Trimethylbenzene	1.06E+00	LN	3.80E+00	1.36E+00	95% UCL	1.36E+00
	1,3,5-Trimethylbenzene	5.78E-01	LN	2.67E+00	6.23E-01	95% UCL	6.23E-01
Inorganics							
	Hydrochloric acid (gaseous)	1.09E+00	LN	6.73E+00	3.13E+00	95% UCL	3.13E+00
	Hydronium ion	2.87E-01	LN	3.24E+00	3.97E-01	95% UCL	3.97E-01
	Nitric acid (gaseous)	2.36E-01	LN	1.01E+00	2.54E-01	95% UCL	2.54E-01
	Nitrous acid (gaseous)	3.15E-01	LN	8.09E-01	3.31E-01	95% UCL	3.31E-01
	Sulfate (particulate)	3.36E+00	LN	1.19E+01	4.78E+00	95% UCL	4.78E+00
	Sulfur dioxide (gaseous)	5.69E+00	N	1.63E+01	6.66E+00	95% UCL	6.66E+00
	Aluminum	2.24E-01	N	5.48E-01	2.67E-01	95% UCL	2.67E-01
	Arsenic	4.31E-03	LN	2.49E-02	4.78E-03	95% UCL	4.78E-03
	Barium	2.07E-02	LN	6.88E-02	2.76E-02	95% UCL	2.76E-02
	Cadmium	4.79E-03	LN	4.40E-02	5.93E-03	95% UCL	5.93E-03
	Chromium	4.43E-03	LN	2.49E-02	5.55E-03	95% UCL	5.55E-03
	Manganese	3.32E-02	N	7.01E-02	3.84E-02	95% UCL	3.84E-02
	Nickel	5.44E-03	LN	2.09E-02	8.41E-03	95% UCL	8.41E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-4
EXPOSURE POINT CONCENTRATION SUMMARY
KENOVA WATER WORKS

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	1.30E+00	LN	5.11E+00	1.89E+00	95% UCL	1.89E+00
	Chloromethane	1.52E+00	LN	4.49E+00	2.43E+00	95% UCL	2.43E+00
	Dichloromethane	7.83E+00	LN	1.60E+02	4.20E+00	95% UCL	4.20E+00
	Naphthalene	6.69E-01	LN	2.72E+00	7.68E-01	95% UCL	7.68E-01
Inorganics							
	Hydrochloric acid (gaseous)	1.14E+00	LN	1.08E+01	3.13E+00	95% UCL	3.13E+00
	Hydronium ion	3.11E-01	LN	3.25E+00	4.60E-01	95% UCL	4.60E-01
	Nitric acid (gaseous)	2.03E-01	N	5.91E-01	2.54E-01	95% UCL	2.54E-01
	Nitrous acid (gaseous)	2.69E-01	N	9.62E-01	3.31E-01	95% UCL	3.31E-01
	Sulfate (particulate)	3.63E+00	N	9.56E+00	4.20E+00	95% UCL	4.20E+00
	Sulfur dioxide (gaseous)	6.93E+00	LN	1.94E+01	2.36E+01	95% UCL	1.94E+01
	Aluminum	2.78E-01	N	5.93E-01	3.25E-01	95% UCL	3.25E-01
	Barium	3.51E-02	LN	4.57E-01	3.99E-02	95% UCL	3.99E-02
	Cadmium	2.41E-03	LN	6.79E-03	3.27E-03	95% UCL	3.27E-03
	Chromium	2.15E-03	LN	5.53E-03	2.40E-03	95% UCL	2.40E-03
	Manganese	1.46E-02	LN	2.92E-02	2.27E-02	95% UCL	2.27E-02
	Nickel	5.76E-03	LN	2.38E-02	8.42E-03	95% UCL	8.42E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-5
EXPOSURE POINT CONCENTRATION SUMMARY
LOCKWOOD ESTATES

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	5.30E+00	LN	5.26E+00	1.12E+00	95% UCL	1.12E+00
	Bromomethane	5.86E-01	LN	2.82E+00	6.33E-01	95% UCL	6.33E-01
	Chloromethane	1.60E+00	LN	6.64E+00	2.45E+00	95% UCL	2.45E+00
	Dichloromethane	7.87E-01	LN	4.51E+00	8.72E-01	95% UCL	8.72E-01
	Naphthalene	8.52E-01	LN	8.33E+00	8.90E-01	95% UCL	8.90E-01
Inorganics							
	Hydronium ion	3.09E-01	LN	3.24E+00	4.15E-01	95% UCL	4.15E-01
	Nitric acid (gaseous)	1.56E-01	N	3.79E-01	1.95E-01	95% UCL	1.95E-01
	Nitrous acid (gaseous)	2.09E-01	LN	9.38E-01	2.60E-01	95% UCL	2.60E-01
	Sulfate (particulate)	3.81E+00	LN	1.62E+01	5.08E+00	95% UCL	5.08E+00
	Sulfur dioxide (gaseous)	4.97E+00	LN	1.83E+01	1.84E+01	95% UCL	1.83E+01
	Aluminum	1.97E-01	N	4.96E-01	2.39E-01	95% UCL	2.39E-01
	Arsenic	4.41E-03	LN	1.00E-02	4.96E-03	95% UCL	4.96E-03
	Cadmium	2.68E-03	LN	3.41E-03	4.33E-03	Maximum	3.41E-03
	Chromium	2.53E-03	LN	5.68E-03	2.96E-03	95% UCL	2.96E-03
	Manganese	1.17E-02	LN	3.40E-02	1.51E-02	95% UCL	1.51E-02
	Nickel	4.12E-03	LN	8.00E-03	5.84E-03	95% UCL	5.84E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-6
EXPOSURE POINT CONCENTRATION SUMMARY
SWEET RUN

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	1.50E+00	LN	5.78E+00	2.37E+00	95% UCL	2.37E+00
	Chloromethane	1.65E+00	LN	6.20E+00	2.64E+00	95% UCL	2.64E+00
	Dichloromethane	3.66E+01	LN	3.18E+02	2.50E+02	95% UCL	2.50E+02
	Naphthalene	8.52E-01	LN	5.91E+00	9.54E-01	95% UCL	9.54E-01
Inorganics							
	Hydrochloric acid (gaseous)	7.43E-01	LN	4.60E+00	2.54E+00	95% UCL	2.54E+00
	Hydronium ion	2.98E-01	LN	3.19E+00	4.79E-01	95% UCL	4.79E-01
	Nitric acid (gaseous)	2.03E-01	LN	9.93E-01	2.23E+00	95% UCL	9.93E-01
	Nitrous acid (gaseous)	2.32E-01	LN	1.25E+00	3.01E-01	95% UCL	3.01E-01
	Sulfate (particulate)	3.80E+00	LN	1.61E+01	6.72E+00	95% UCL	6.72E+00
	Sulfur dioxide (gaseous)	5.41E+00	N	1.26E+01	6.61E+00	95% UCL	6.61E+00
	Aluminum	1.87E-01	N	5.25E-01	2.30E-01	95% UCL	2.30E-01
	Barium	3.58E-02	LN	7.94E-02	5.65E-02	95% UCL	5.65E-02
	Cadmium	2.53E-03	LN	1.09E-02	3.56E-03	95% UCL	3.56E-03
	Chromium	2.26E-03	LN	7.71E-03	2.59E-03	95% UCL	2.59E-03
	Manganese	1.28E-02	LN	3.90E-02	1.58E-02	95% UCL	1.58E-02
	Nickel	3.60E-03	LN	9.66E-03	5.07E-03	95% UCL	5.07E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-7
EXPOSURE POINT CONCENTRATION SUMMARY
WEBBVILLE

	Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics							
	Benzene	5.72E-01	LN	2.23E+00	6.27E-01	95% UCL	6.27E-01
	Bromomethane	6.85E-01	LN	4.95E+00	7.41E-01	95% UCL	7.41E-01
	Chloromethane	1.40E+00	LN	4.18E+00	2.15E+00	95% UCL	2.15E+00
	Dichloromethane	4.02E+00	LN	2.36E+01	9.60E+00	95% UCL	9.60E+00
Inorganics							
	Hydronium ion	3.05E-01	LN	3.23E+00	4.32E-01	95% UCL	4.32E-01
	Nitric acid (gaseous)	1.28E-01	N	4.07E-01	1.61E-01	95% UCL	1.61E-01
	Nitrous acid (gaseous)	7.60E-02	N	2.62E-01	1.00E-01	95% UCL	1.00E-01
	Sulfate (particulate)	3.19E+00	LN	9.80E+00	5.82E+00	95% UCL	5.82E+00
	Sulfur dioxide (gaseous)	3.02E+00	N	1.02E+01	3.87E+00	95% UCL	3.87E+00
	Aluminum	1.45E-01	LN	4.48E-01	2.20E-01	95% UCL	2.20E-01
	Beryllium	1.64E-03	LN	4.20E-02	6.93E-04	95% UCL	6.93E-04
	Cadmium	2.00E-03	LN	5.36E-03	3.24E-03	95% UCL	3.24E-03
	Chromium	3.22E-03	LN	4.20E-02	3.10E-03	95% UCL	3.10E-03
	Manganese	6.13E-03	LN	1.50E-02	7.61E-03	95% UCL	7.61E-03
	Thallium	6.18E-03	LN	4.20E-02	6.92E-03	95% UCL	6.92E-03

Note:
All concentrations are in ug/m3

TABLE 4.3-8
EXPOSURE POINT CONCENTRATION SUMMARY
MOBILE DATA - CORN FIELD

Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics						
Benzene	8.52E-01	LN	1.03E+01	1.45E+00	95% UCL	1.23E+00
sec-Butylbenzene	5.41E-01	LN	6.87E+00	1.02E-01	95% UCL	5.84E-01
Carbon tetrachloride	5.03E-01	LN	1.97E+00	5.35E-02	95% UCL	5.09E-01
Chloromethane	1.64E+00	LN	7.70E+00	3.03E+00	95% UCL	1.94E+00
Dichlorodifluoromethane	1.08E+01	LN	2.01E+01	1.37E+01	95% UCL	1.22E+01
2,2-Dichloropropane	5.07E-01	LN	2.35E+00	5.71E-02	95% UCL	5.17E-01
Isoproplybenzene (Cumene)	7.91E-01	LN	4.73E+01	1.02E+00	95% UCL	1.44E+00
Isopropyltoluene (Cymene)	5.04E-01	LN	2.08E+00	5.51E-02	95% UCL	5.11E-01
Naphthalene	7.93E-01	LN	1.30E+01	1.04E+00	95% UCL	1.17E+00
Tetrachloroethene	5.25E-01	LN	6.41E+00	7.83E-02	95% UCL	5.59E-01
1,2,4-Trimethylbenzene	5.80E-01	LN	7.14E+00	1.77E-01	95% UCL	6.56E-01
1,3,5-Trimethylbenzene	5.14E-01	LN	2.28E+00	6.77E-02	95% UCL	5.28E-01

Note:
All concentrations are in ug/m^3

TABLE 4.3-9
EXPOSURE POINT CONCENTRATION SUMMARY
MOBILE DATA - KENOVA FIRE STATION

Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics						
Benzene	1.22E+00	LN	6.98E+01	5.09E+00	95% UCL	2.46E+00
Bromomethane	5.01E-01	LN	1.06E+00	5.06E-02	95% UCL	5.07E-01
n-Proplybenzene	6.00E-01	LN	9.89E+00	2.08E-01	95% UCL	7.07E-01
sec-Butylbenzene	5.43E-01	LN	1.31E+01	9.54E-02	95% UCL	6.07E-01
tert-Butyl benzene	5.09E-01	LN	4.75E+00	5.87E-02	95% UCL	5.24E-01
Carbon tetrachloride	6.46E-01	LN	2.38E+00	4.45E-01	95% UCL	7.14E-01
Chloroethane	5.02E-01	LN	3.15E+00	5.32E-02	95% UCL	5.07E-01
Chloromethane	2.08E+00	LN	1.03E+01	3.38E+00	95% UCL	2.45E+00
1,4-Dichlorobenzene	5.12E-01	LN	2.72E+00	6.29E-02	95% UCL	5.26E-01
Dichlorodifluoromethane	9.01E+00	LN	3.89E+01	1.51E+01	95% UCL	1.13E+01
Dichloromethane	5.10E-01	LN	4.95E+00	6.16E-02	95% UCL	5.24E-01
Hexachlorobutadiene	5.01E-01	LN	1.36E+00	5.25E-02	95% UCL	5.07E-01
Isopropyltoluene (Cymene)	5.02E-01	LN	4.92E+00	5.08E-02	95% UCL	5.07E-01
Naphthalene	8.19E-01	LN	1.91E+01	1.15E+00	95% UCL	1.42E+00
Tetrachloroethene	5.27E-01	LN	6.08E+00	7.83E-02	95% UCL	5.61E-01
Toluene	2.43E+00	LN	6.98E+01	2.11E+01	95% UCL	6.89E+00
1,2,4-Trimethylbenzene	1.08E+00	LN	1.90E+01	3.36E+00	95% UCL	1.95E+00
1,3,5-Trimethylbenzene	6.43E-01	LN	5.57E+00	3.35E-01	95% UCL	7.74E-01

Note:
All concentrations are in ug/m^3

TABLE 4.3-10
EXPOSURE POINT CONCENTRATION SUMMARY
MOBILE DATA - KENOVA WATER WORKS

Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics						
Benzene	6.51E-01	LN	3.81E+00	4.51E-01	95% UCL	7.79E-01
Chloromethane	6.98E-01	LN	2.68E+00	7.77E-01	95% UCL	8.04E-01
Dichlorodifluoromethane	1.03E+01	LN	1.82E+01	1.27E+01	95% UCL	1.15E+01
Naphthalene	5.02E-01	LN	1.20E+00	5.35E-02	95% UCL	5.11E-01

Note:
All concentrations are in ug/m^3

TABLE 4.3-11
EXPOSURE POINT CONCENTRATION SUMMARY
MOBILE DATA - SOUTH POINT ETHANOL SITE

Chemical of Potential Concern	Arithmetic Mean of Detected and 1/2 Detected ND Values	Distribution Type	Maximum Concentration	95% UCL of Detected and 1/2 ND Values	Exposure Point Concentration	EPC Value
Organics						
Benzene	9.19E-01	LN	6.77E+01	2.06E+00	95% UCL	1.46E+00
Chloromethane	1.80E+00	LN	4.76E+00	2.65E+00	95% UCL	6.77E+00
Isopropyltoluene (Cymene)	5.02E-01	LN	1.34E+00	5.31E-02	95% UCL	5.09E-01
Naphthalene	8.05E-01	LN	1.74E+01	1.13E+00	95% UCL	1.22E+00
Styrene	5.14E-01	LN	4.32E+00	6.35E-02	95% UCL	5.34E-01
Toluene	1.38E+00	LN	1.34E+02	6.40E+00	95% UCL	2.65E+00
1,2,4-Trimethylbenzene	6.51E-01	LN	1.61E+01	3.91E-01	95% UCL	7.89E-01
1,3,5-Trimethylbenzene	5.14E-01	LN	5.49E+00	6.52E-02	95% UCL	5.33E-01

Note:
All concentrations are in ug/m^3

TABLE 4.4-1
REASONABLE MAXIMUM EXPOSURE PARAMETERS
ADULT RESIDENT RECEPTOR

Parameter	Symbol	Value	Units	Reference
General				
Exposure Frequency	EF	350	days/year	EPA (1991)
Exposure Duration	ED	24	years	EPA (1991)
Body Weight	BW	70	kg	EPA (1991)
Averaging Time				
Carcinogens	ATc	70	years	EPA (1988)
Noncarcinogens	ATn	24	years	Based on Exposure Duration
Inhalation Rate	IHR	20	m^3/day	EPA (1991)
Conversion Factor	CF3	1.00E+03	μg/mg	Not Applicable

TABLE 4.4-2
REASONABLE MAXIMUM EXPOSURE PARAMETERS
CHILD RESIDENT RECEPTOR

Parameter	Symbol	Value	Units	Reference
General				
Exposure Frequency	EF	350	days/year	EPA (1991)
Exposure Duration	ED	6	years	EPA (1991)
Body Weight	BW	15	kg	EPA (1991)
Averaging Time				
Carcinogens	ATc	70	years	EPA (1988)
Noncarcinogens	ATn	6	years	Based on Exposure Duration
Inhalation Rate	IHR	12	m^3/day	EPA (1991)
Conversion Factor	CF3	1.00E+03	μg/mg	Not Applicable

TABLE 4.5-1
NON-CANCER TOXICITY DATA - ORAL

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD Value (mg/kg-day)	Primary Target Organ	Reference	Date
Aluminum	Chronic	1.00E+00	Neurological effects	EPA-NCEA provisional	Apr-00
Arsenic	Chronic	3.00E-04	Hyperpigmentation, keratosis, possible vascular complications	IRIS	Apr-00
Barium	Chronic	7.00E-02	Hypertension	IRIS	Apr-00
Benzene	Chronic	3.00E-03	Neurological toxicity	IRIS	Apr-00
Beryllium	Chronic	2.00E-03	Small intestinal lesions	IRIS	Apr-00
Bromomethane	Chronic	1.40E-03	Epithelial hyperplasia of the forestomach	IRIS	Apr-00
sec-Butylbenzene	Chronic	1.00E-02	Neurological effects	EPA/NCEA provisional	Apr-00
tert-Butylbenzene	Chronic	1.00E-02	Neurological effects	EPA/NCEA provisional	Apr-00
Cadmium	Chronic	1.00E-03	NOAEL	IRIS	Apr-00
Carbon Tetrachloride	Chronic	7.00E-04	Liver toxicity	IRIS	Apr-00
Chloroethane	Chronic	4.00E-01	Developmental toxicity	EPA/NCEA provisional	Apr-00
Chloromethane	Chronic	NA	NA	NA	NA
Chromium	Chronic	3.00E-03	NOAEL	IRIS	Apr-00
Cumene	Chronic	1.00E-01	Increased kidney weights	IRIS	Apr-00
Cymene	Chronic	NA	NA	NA	NA
1,4-Dichlorobenzene	Chronic	3.00E-02	Liver effects	EPA/NCEA provisional	Apr-00
Dichlorodifluoromethane	Chronic	2.00E-01	Reduced body weight	IRIS	Apr-00
Dichloromethane	Chronic	6.00E-02	Liver toxicity	IRIS	Apr-00
2,2-Dichloropropane	Chronic	NA	NA	NA	NA
Hexachlorobutadiene	Chronic	2.00E-04	Kidney effects	HEAST	1997
Hydrochloric acid (gaseous)	Chronic	NA	NA	NA	NA
Hydronium ion	Chronic	NA	NA	NA	NA
Manganese	Chronic	1.40E-01	Central nervous system effects	IRIS	Apr-00
Naphthalene	Chronic	2.00E-02	Decreased body weight	IRIS	Apr-00
Nickel	Chronic	2.00E-02	Decreased body weight	IRIS	Apr-00
Nitrate (particulate)	Chronic	1.60E+00	Methemoglobinemia	IRIS	Apr-00
Nitric acid (gaseous)	Chronic	NA	NA	NA	NA
Nitrous acid (gaseous)	Chronic	NA	NA	NA	NA
n-Propylbenzene	Chronic	1.00E-02	Neurological effects	EPA/NCEA provisional	Apr-00
Sulfate (particulate)	Chronic	NA	NA	NA	NA
Sulfur dioxide (gaseous)	Chronic	NA	NA	NA	NA
Tetrachloroethene	Chronic	1.00E-02	Kidney effects	IRIS	Apr-00
Thallium	Chronic	7.00E-05	Liver and central nervous system dysfunction	EPA	Apr-00
Toluene	Chronic	2.00E-01	Central nervous system effects, Alterations in kidney and liver weights	IRIS	Apr-00

TABLE 4.5-1
NON-CANCER TOXICITY DATA - ORAL

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD Value (mg/kg-day)	Primary Target Organ	Reference	Date
1,2,4-Trimethylbenzene	Chronic	5.00E-02	Neurological effects	EPA/NCEA provisional	Apr-00
1,3,5-Trimethyl benzene	Chronic	5.00E-02	Neurological effects	EPA/NCEA provisional	Apr-00

Notes:

Chromium- Chromium VI toxicity value presented; inhalation RfD used in risk assessment
Cadmium- Cadmium (food) presented; inhalation RfD used in risk assesment
Manganese- Manganese (food) presented; inhalation RfD used in risk assessment

IRIS = Integrated Risk Information System
EPA/NCEA provisional = Environmental Protection Agency/National Center for Environmental Assessment Provisional Values
HEAST = Health Effects Assessment Summary Tables
NA = Not Available

TABLE 4.5-2
NON-CANCER TOXICITY DATA - INHALATION

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfD Value (mg/kg-day)	Inhalation RfC Value (mg/m^3)	Primary Target Organ	Reference	Date
Aluminum	Chronic	1.00E-03	3.50E-03	Neurological effects	EPA-NCEA provisional	Apr-00
Arsenic	Chronic	NA	NA	NA	NA	NA
Barium	Chronic	1.40E-04	4.90E-04	Respiratory effects, hypertension	HEAST	1997
Benzene	Chronic	1.70E-03	5.95E-03	Neurological and hematopoietic toxicity	EPA-NCEA provisional	Apr-00
Beryllium	Chronic	5.70E-06	2.00E-05	Beryllium sensitization and chronic beryllium disease	IRIS	Apr-00
Bromomethane	Chronic	1.40E-03	4.90E-03	Degenerative and proliferative lesions of the olfactory epithelium	IRIS	Apr-00
sec-Butylbenzene	Chronic	NA	NA	NA	NA	NA
tert-Butylbenzene	Chronic	NA	NA	NA	NA	NA
Cadmium	Chronic	5.10E-05	NA	Renal effects	EPA-NCEA provisional	Apr-00
Carbon Tetrachloride	Chronic	5.71E-04	2.00E-03	Liver Effects	EPA-NCEA provisional	Apr-00
Chloroethane	Chronic	2.90E+00	1.02E+01	Developmental toxicity	IRIS	Apr-00
Chloromethane	Chronic	8.60E-02	NA	Liver	EPA-NCEA provisional	Apr-00
Chromium	Chronic	3.00E-05	1.05E-04	Nasal septum atrophy	IRIS	Apr-00
Cumene	Chronic	1.10E-01	3.85E-01	Kidney effects	IRIS	Apr-00
Cymene	Chronic	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	Chronic	2.29E-01	8.02E-01	Liver effects	IRIS	Apr-00
Dichlorodifluoromethane	Chronic	5.00E-02	1.75E-01	NOAEL	HEAST	1997
Dichloromethane	Chronic	8.60E-01	3.01E+00	Liver toxicity	HEAST	1997
2,2-Dichloropropane	Chronic	NA	NA	NA	NA	NA
Hexachlorobutadiene	Chronic	NA	NA	NA	NA	NA
Hydrochloric acid (gaseous)	Chronic	5.71E-03	2.00E-02	Hyperplasia of nasal mucosa larynx and trachea	IRIS	Apr-00
Hydronium ion	Chronic	NA	NA	NA	NA	NA
Manganese	Chronic	1.43E-05	5.01E-05	Impairment of neurological behavioral function	IRIS	Apr-00
Naphthalene	Chronic	9.00E-04	3.15E-03	Respiratory Effects	EPA-NCEA provisional	Apr-00
Nickel	Chronic	NA	NA	NA	NA	NA
Nitrate (particulate)	Chronic	NA	NA	NA	NA	NA
Nitric acid (gaseous)	Chronic	NA	NA	NA	NA	NA
Nitrous acid (gaseous)	Chronic	NA	NA	NA	NA	NA
n-Propylbenzene	Chronic	NA	NA	NA	NA	NA
Sulfate (particulate)	Chronic	NA	NA	NA	NA	NA
Sulfur dioxide (gaseous)	Chronic	NA	NA	NA	NA	NA
Tetrachloroethene	Chronic	1.40E-01	4.90E-01	Kidney toxicity	EPA/NCEA provisional	Apr-00
Thallium	Chronic	NA	NA	NA	NA	NA
Toluene	Chronic	1.14E-01	3.99E-01	Neurological effects	IRIS	Apr-00

TABLE 4.5-2
NON-CANCER TOXICITY DATA - INHALATION

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfD Value (mg/kg-day)	Inhalation RfC Value (mg/m^3)	Primary Target Organ	Reference	Date
1,2,4-Trimethylbenzene	Chronic	1.70E-03	5.95E-03	Nervous System	EPA-NCEA provisional	Apr-00
1,3,5-Trimethylbenzene	Chronic	1.70E-03	5.95E-03	Nervous System	EPA-NCEA provisional	Apr-00

Notes: Chromium- Chromium VI toxicity value presented; inhalation RfD used in risk assessment

IRIS = Integrated Risk Information System
EPA/NCEA provisional = Environmental Protection Agency/National Center for Environmental Assessment Provisional Values
HEAST = Health Effects Assessment Summary Tables
NA = Not Available

TABLE 4.6-1
CANCER TOXICITY DATA - ORAL

Chemical of Potential Concern	Oral Cancer Slope Factor (1/mg/kg-day)	Weight of Evidence	Reference	Date
Aluminum	NA	NA	NA	NA
Arsenic	1.50E+00	A	IRIS	Apr-00
Barium	NA	D	IRIS	Apr-00
Benzene	2.90E-02	A	IRIS	Apr-00
Beryllium	NA	NA	IRIS	Apr-00
Bromomethane	NA	D	IRIS	Apr-00
sec-Butylbenzene	NA	NA	NA	NA
tert-Butylbenzene	NA	NA	NA	NA
Cadmium	NA	D	IRIS	Apr-00
Carbon Tetrachloride	1.30E-01	B2	IRIS	Apr-00
Chloroethane	2.90E-03	NA	EPA-NCEA provisional	Apr-00
Chloromethane	1.30E-02	A	HEAST	1997
Chromium	NA	D	IRIS	Apr-00
Cumene	NA	D	IRIS	Apr-00
Cymene	NA	NA	NA	NA
1,4-Dichlorobenzene	2.40E-02	NA	HEAST	1997
Dichlorodifluoromethane	NA	NA	NA	NA
Dichloromethane	7.50E-03	B2	IRIS	Apr-00
2,2-Dichloropropane	NA	NA	NA	NA
Hexachlorobutadiene	7.80E-02	C	IRIS	Apr-00
Hydrochloric acid (gaseous)	NA	NA	NA	NA
Hydronium ion	NA	NA	NA	NA
Manganese	NA	D	IRIS	Apr-00
Naphthalene	NA	D	IRIS	Apr-00
Nickel	NA	NA	NA	NA
Nitrate (particulate)	NA	NA	NA	NA
Nitric acid (gaseous)	NA	NA	NA	NA
Nitrous acid (gaseous)	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA
Sulfate (particulate)	NA	NA	NA	NA
Sulfur dioxide (gaseous)	NA	NA	NA	NA
Tetrachloroethene	5.20E-02	NA	EPA-NCEA provisional	Apr-00
Thallium	NA	NA	NA	NA
Toluene	NA	D	IRIS	Apr-00
1,2,4-Trimethylbenzene	NA	NA	NA	NA
1,3,5-Trimethyl benzene	NA	NA	NA	NA

Notes:

IRIS = Integrated Risk Information System
EPA/NCEA provisional = Environmental Protection Agency/National Center for Environmental Assessment Provisional Values
HEAST = Health Effects Assessment Summary Tables
NA = Not Available

TABLE 4.6-2
CANCER TOXICITY DATA - INHALATION

Chemical of Potential Concern	Inhalation Cancer Slope Factor (1/mg/kg-day)	Weight of Evidence	Reference	Date
Aluminum	NA	NA	NA	NA
Arsenic	1.50E+01	A	IRIS	Apr-00
Barium	NA	D	NA	NA
Benzene	2.90E-02	A	IRIS	Apr-00
Beryllium	8.40E+00	B1	IRIS	Apr-00
Bromomethane	NA	D	IRIS	NA
sec-Butylbenzene	NA	NA	NA	NA
tert-Buylbenzene	NA	NA	NA	NA
Cadmium	6.30E+00	D	IRIS	Apr-00
Carbon Tetrachloride	5.30E-02	B2	IRIS	Apr-00
Chloroethane	NA	NA	NA	NA
Chloromethane	3.50E-03	A	EPA-NCEA provisional	Apr-00
Chromium	4.10E+01	A	IRIS	Apr-00
Cumene	NA	D	IRIS	Apr-00
Cymene	NA	NA	NA	NA
1,4-Dichlorobenzene	2.20E-02	NA	HEAST	1997
Dichlorodifluoromethane	NA	NA	NA	NA
Dichloromethane	1.65E-03	B2	IRIS	Apr-00
2,2-Dichloropropane	NA	NA	NA	NA
Hexachlorobutadiene	7.80E-02	C	IRIS	Apr-00
Hydrochloric acid (gaseous)	NA	NA	NA	NA
Hydronium ion	NA	NA	NA	NA
Manganese	NA	D	IRIS	Apr-00
Naphthalene	NA	D	IRIS	Apr-00
Nickel (as Nickel subsulfide)	4.20E-01	A	IRIS modified per EPA OAQPS	April-00, Feb-00
Nitrate (particulate)	NA	NA	NA	NA
Nitric acid (gaseous)	NA	NA	NA	NA
Nitrous acid (gaseous)	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA
Sulfate (particulate)	NA	NA	NA	NA
Sulfur dioxide (gaseous)	NA	NA	NA	NA
Tetrachloroethene	2.00E-03	NA	EPA-NCEA provisional value	Apr-00
Thallium	NA	NA	NA	NA
Toluene	NA	D	IRIS	Apr-00
1,2,4-Trimethylbenzene	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA

Notes: Chromium-- Chromium VI toxicity value presented; inhalation SF used in risk assessment

IRIS = Integrated Risk Information System
EPA/NCEA provisional = Environmental Protection Agency/National Center for Environmental Assessment Provisional Values
HEAST = Health Effects Assessment Summary Tables
NA = Not Available

TABLE 4.7-1
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	8.44E+00	2.31E-03	1.70E-03	1.36E+00
Chloromethane	1.65E+00	4.53E-04	8.60E-02	5.26E-03
Dichloromethane	1.91E+00	5.23E-04	8.60E-01	6.08E-04
Naphthalene	8.65E-01	2.37E-04	9.00E-04	2.63E-01
Toluene	9.72E+00	2.66E-03	1.14E-01	2.33E-02
1,2,4-Trimethylbenzene	7.83E-01	2.15E-04	1.70E-03	1.26E-01
Hydrochloric acid (gaseous)	3.54E+00	9.70E-04	5.71E-03	1.70E-01
Aluminum	2.43E-01	6.66E-05	1.00E-03	6.66E-02
Cadmium	4.51E-03	1.24E-06	5.10E-05	2.42E-02
Chromium	3.96E-03	1.08E-06	3.00E-05	3.62E-02
Manganese	2.62E-02	7.18E-06	1.43E-05	5.02E-01
Nickel	6.58E-03	1.80E-06	2.00E-02	9.01E-05
TOTAL				2.58E+00

TABLE 4.7-2
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	8.44E+00	6.47E-03	1.70E-03	3.81E+00
Chloromethane	1.65E+00	1.27E-03	8.60E-02	1.47E-02
Dichloromethane	1.91E+00	1.46E-03	8.60E-01	1.70E-03
Naphthalene	8.65E-01	6.64E-04	9.00E-04	7.38E-01
Toluene	9.72E+00	7.45E-03	1.14E-01	6.54E-02
1,2,4-Trimethylbenzene	7.83E-01	6.01E-04	1.70E-03	3.53E-01
Hydrochloric acid (gaseous)	3.54E+00	2.72E-03	5.71E-03	4.75E-01
Aluminum	2.43E-01	1.86E-04	1.00E-03	1.86E-01
Cadmium	4.51E-03	3.46E-06	5.10E-05	6.78E-02
Chromium	3.96E-03	3.04E-06	3.00E-05	1.01E-01
Manganese	2.62E-02	2.01E-05	1.43E-05	1.41E+00
Nickel	6.58E-03	5.05E-06	2.00E-02	2.52E-04
TOTAL				7.22E+00

TABLE 4.7-3
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	4.45E+00	1.22E-03	1.70E-03	7.17E-01
Chloromethane	1.82E+00	4.99E-04	8.60E-02	5.80E-03
Dichloromethane	1.19E+00	3.27E-04	8.60E-01	3.80E-04
Naphthalene	1.15E+00	3.15E-04	9.00E-04	3.50E-01
1,2,4-Trimethylbenzene	7.40E-01	2.03E-04	1.70E-03	1.19E-01
Hydrochloric acid (gaseous)	3.09E+00	8.47E-04	5.71E-03	1.48E-01
Aluminum	2.46E-01	6.74E-05	1.00E-03	6.74E-02
Cadmium	3.98E-03	1.09E-06	5.10E-05	2.14E-02
Chromium	3.21E-03	8.79E-07	3.00E-05	2.93E-02
Manganese	4.97E-02	1.36E-05	1.43E-05	9.52E-01
Nickel	5.62E-03	1.54E-06	2.00E-02	7.70E-05
TOTAL				2.41E+00

TABLE 4.7-4
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	4.45E+00	3.41E-03	1.70E-03	2.01E+00
Chloromethane	1.82E+00	1.40E-03	8.60E-02	1.62E-02
Dichloromethane	1.19E+00	9.15E-04	8.60E-01	1.06E-03
Naphthalene	1.15E+00	8.83E-04	9.00E-04	9.81E-01
1,2,4-Trimethylbenzene	7.40E-01	5.67E-04	1.70E-03	3.34E-01
Hydrochloric acid (gaseous)	3.09E+00	2.37E-03	5.71E-03	4.15E-01
Aluminum	2.46E-01	1.89E-04	1.00E-03	1.89E-01
Cadmium	3.98E-03	3.05E-06	5.10E-05	5.99E-02
Chromium	3.21E-03	2.46E-06	3.00E-05	8.21E-02
Manganese	4.97E-02	3.81E-05	1.43E-05	2.67E+00
Nickel	5.62E-03	4.31E-06	2.00E-02	2.16E-04
TOTAL				6.75E+00

TABLE 4.7-5
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.15E+01	3.15E-03	1.70E-03	1.85E+00
Chloromethane	1.74E+00	4.76E-04	8.60E-02	5.53E-03
Dichlorodifluoromethane	1.15E+01	3.15E-03	5.00E-02	6.29E-02
Dichloromethane	2.90E+00	7.94E-04	8.60E-01	9.23E-04
Naphthalene	9.14E-01	2.50E-04	9.00E-04	2.78E-01
1,2,4-Trimethylbenzene	1.36E+00	3.72E-04	1.70E-03	2.19E-01
1,3,5-Trimethylbenzene	6.23E-01	1.71E-04	1.70E-03	1.00E-01
Hydrochloric acid (gaseous)	3.13E+00	8.57E-04	5.71E-03	1.50E-01
Aluminum	2.67E-01	7.32E-05	1.00E-03	7.32E-02
Arsenic	4.78E-03	1.31E-06	3.00E-04	4.37E-03
Barium	2.76E-02	7.56E-06	1.40E-04	5.40E-02
Cadmium	5.93E-03	1.62E-06	5.10E-05	3.19E-02
Chromium	5.55E-03	1.52E-06	3.00E-05	5.07E-02
Manganese	3.84E-02	1.05E-05	1.43E-05	7.36E-01
Nickel	8.41E-03	2.30E-06	2.00E-02	1.15E-04
TOTAL				3.62E+00

TABLE 4.7-6
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.15E+01	8.83E-03	1.70E-03	5.19E+00
Chloromethane	1.74E+00	1.33E-03	8.60E-02	1.55E-02
Dichlorodifluoromethane	1.15E+01	8.81E-03	5.00E-02	1.76E-01
Dichloromethane	2.90E+00	2.22E-03	8.60E-01	2.59E-03
Naphthalene	9.14E-01	7.01E-04	9.00E-04	7.79E-01
1,2,4-Trimethylbenzene	1.36E+00	1.04E-03	1.70E-03	6.12E-01
1,3,5-Trimethylbenzene	6.23E-01	4.78E-04	1.70E-03	2.81E-01
Hydrochloric acid (gaseous)	3.13E+00	2.40E-03	5.71E-03	4.20E-01
Aluminum	2.67E-01	2.05E-04	1.00E-03	2.05E-01
Arsenic	4.78E-03	3.67E-06	3.00E-04	1.22E-02
Barium	2.76E-02	2.12E-05	1.40E-04	1.51E-01
Cadmium	5.93E-03	4.55E-06	5.10E-05	8.92E-02
Chromium	5.55E-03	4.26E-06	3.00E-05	1.42E-01
Manganese	3.84E-02	2.95E-05	1.43E-05	2.06E+00
Nickel	8.41E-03	6.45E-06	2.00E-02	3.23E-04
TOTAL				1.01E+01

TABLE 4.7-7
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.89E+00	5.18E-04	1.70E-03	3.05E-01
Chloromethane	2.43E+00	6.66E-04	8.60E-02	7.75E-03
Dichloromethane	4.20E+00	1.15E-03	8.60E-01	1.34E-03
Naphthalene	7.68E-01	2.10E-04	9.00E-04	2.34E-01
Hydrochloric acid (gaseous)	3.13E+00	8.57E-04	5.71E-03	1.50E-01
Aluminum	3.25E-01	8.90E-05	1.00E-03	8.90E-02
Barium	3.99E-02	1.09E-05	1.40E-04	7.81E-02
Cadmium	3.27E-03	8.96E-07	5.10E-05	1.76E-02
Chromium	2.40E-03	6.58E-07	3.00E-05	2.19E-02
Manganese	2.27E-02	6.22E-06	1.43E-05	4.35E-01
Nickel	8.42E-03	2.31E-06	2.00E-02	1.15E-04
TOTAL				1.34E+00

TABLE 4.7-8
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.89E+00	1.45E-03	1.70E-03	8.53E-01
Chloromethane	2.43E+00	1.87E-03	8.60E-02	2.17E-02
Dichloromethane	4.20E+00	3.22E-03	8.60E-01	3.74E-03
Naphthalene	7.68E-01	5.89E-04	9.00E-04	6.55E-01
Hydrochloric acid (gaseous)	3.13E+00	2.40E-03	5.71E-03	4.20E-01
Aluminum	3.25E-01	2.49E-04	1.00E-03	2.49E-01
Barium	3.99E-02	3.06E-05	1.40E-04	2.19E-01
Cadmium	3.27E-03	2.51E-06	5.10E-05	4.92E-02
Chromium	2.40E-03	1.84E-06	3.00E-05	6.14E-02
Manganese	2.27E-02	1.74E-05	1.43E-05	1.22E+00
Nickel	8.42E-03	6.46E-06	2.00E-02	3.23E-04
TOTAL				3.75E+00

TABLE 4.7-9
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.12E+00	3.06E-04	1.70E-03	1.80E-01
Bromomethane	6.33E-01	1.74E-04	1.40E-03	1.24E-01
Chloromethane	2.45E+00	6.72E-04	8.60E-02	7.81E-03
Dichloromethane	8.72E-01	2.39E-04	8.60E-01	2.78E-04
Naphthalene	8.90E-01	2.44E-04	9.00E-04	2.71E-01
Aluminum	2.39E-01	6.55E-05	1.00E-03	6.55E-02
Arsenic	4.96E-03	1.36E-06	3.00E-04	4.53E-03
Cadmium	3.41E-03	9.34E-07	5.10E-05	1.83E-02
Chromium	2.96E-03	8.11E-07	3.00E-05	2.70E-02
Manganese	1.51E-02	4.14E-06	1.43E-05	2.89E-01
Nickel	5.84E-03	1.60E-06	2.00E-02	8.00E-05
TOTAL				9.88E-01

TABLE 4.7-10
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.12E+00	8.58E-04	1.70E-03	5.05E-01
Bromomethane	6.33E-01	4.86E-04	1.40E-03	3.47E-01
Chloromethane	2.45E+00	1.88E-03	8.60E-02	2.19E-02
Dichloromethane	8.72E-01	6.69E-04	8.60E-01	7.78E-04
Naphthalene	8.90E-01	6.83E-04	9.00E-04	7.59E-01
Aluminum	2.39E-01	1.83E-04	1.00E-03	1.83E-01
Arsenic	4.96E-03	3.80E-06	3.00E-04	1.27E-02
Cadmium	3.41E-03	2.62E-06	5.10E-05	5.13E-02
Chromium	2.96E-03	2.27E-06	3.00E-05	7.57E-02
Manganese	1.51E-02	1.16E-05	1.43E-05	8.10E-01
Nickel	5.84E-03	4.48E-06	2.00E-02	2.24E-04
TOTAL				2.77E+00

TABLE 4.7-11
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.37E+00	6.48E-04	1.70E-03	3.81E-01
Chloromethane	2.64E+00	7.23E-04	8.60E-02	8.40E-03
Dichloromethane	2.50E+02	6.86E-02	8.60E-01	7.97E-02
Naphthalene	9.54E-01	2.61E-04	9.00E-04	2.90E-01
Hydrochloric acid (gaseous)	2.54E+00	6.95E-04	5.71E-03	1.22E-01
Aluminum	2.30E-01	6.30E-05	1.00E-03	6.30E-02
Barium	5.65E-02	1.55E-05	1.40E-04	1.11E-01
Cadmium	3.56E-03	9.75E-07	5.10E-05	1.91E-02
Chromium	2.59E-03	7.10E-07	3.00E-05	2.37E-02
Manganese	1.58E-02	4.33E-06	1.43E-05	3.03E-01
Nickel	5.07E-03	1.39E-06	2.00E-02	6.95E-05
TOTAL				1.40E+00

TABLE 4.7-12
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.37E+00	1.82E-03	1.70E-03	1.07E+00
Chloromethane	2.64E+00	2.02E-03	8.60E-02	2.35E-02
Dichloromethane	2.50E+02	1.92E-01	8.60E-01	2.23E-01
Naphthalene	9.54E-01	7.32E-04	9.00E-04	8.13E-01
Hydrochloric acid (gaseous)	2.54E+00	1.95E-03	5.71E-03	3.41E-01
Aluminum	2.30E-01	1.76E-04	1.00E-03	1.76E-01
Barium	5.65E-02	4.33E-05	1.40E-04	3.10E-01
Cadmium	3.56E-03	2.73E-06	5.10E-05	5.35E-02
Chromium	2.59E-03	1.99E-06	3.00E-05	6.62E-02
Manganese	1.58E-02	1.21E-05	1.43E-05	8.48E-01
Nickel	5.07E-03	3.89E-06	2.00E-02	1.94E-04
TOTAL				3.92E+00

TABLE 4.7-13
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	6.27E-01	1.72E-04	1.70E-03	1.01E-01
Bromomethane	7.41E-01	2.03E-04	1.40E-03	1.45E-01
Chloromethane	2.15E+00	5.90E-04	8.60E-02	6.86E-03
Dichloromethane	9.60E+00	2.63E-03	8.60E-01	3.06E-03
Aluminum	2.20E-01	6.03E-05	1.00E-03	6.03E-02
Beryllium	6.93E-04	1.90E-07	5.70E-06	3.33E-02
Cadmium	3.24E-03	8.88E-07	5.10E-05	1.74E-02
Chromium	3.10E-03	8.49E-07	3.00E-05	2.83E-02
Manganese	7.61E-03	2.08E-06	1.43E-05	1.46E-01
Thallium	6.92E-03	1.90E-06	7.00E-05	2.71E-02
TOTAL				5.68E-01

TABLE 4.7-14
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	6.27E-01	4.81E-04	1.70E-03	2.83E-01
Bromomethane	7.41E-01	5.68E-04	1.40E-03	4.06E-01
Chloromethane	2.15E+00	1.65E-03	8.60E-02	1.92E-02
Dichloromethane	9.60E+00	7.37E-03	8.60E-01	8.57E-03
Aluminum	2.20E-01	1.69E-04	1.00E-03	1.69E-01
Beryllium	6.93E-04	5.32E-07	5.70E-06	9.33E-02
Cadmium	3.24E-03	2.49E-06	5.10E-05	4.87E-02
Chromium	3.10E-03	2.38E-06	3.00E-05	7.93E-02
Manganese	7.61E-03	5.84E-06	1.43E-05	4.08E-01
Thallium	6.92E-03	5.31E-06	7.00E-05	7.58E-02
TOTAL				1.59E+00

TABLE 4.7-15
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.23E+00	3.36E-04	1.70E-03	1.98E-01
sec-Butylbenzene	5.84E-01	1.60E-04	1.00E-02	1.60E-02
Carbon tetrachloride	5.09E-01	1.39E-04	5.71E-04	2.44E-01
Chloromethane	1.94E+00	5.32E-04	8.60E-02	6.18E-03
Dichlorodifluoromethane	1.22E+01	3.34E-03	5.00E-02	6.67E-02
Isoproplybenzene (Cumene)	1.44E+00	3.95E-04	1.10E-01	3.59E-03
Naphthalene	1.17E+00	3.20E-04	9.00E-04	3.55E-01
Tetrachloroethene	5.59E-01	1.53E-04	1.40E-01	1.09E-03
1,2,4-Trimethylbenzene	6.56E-01	1.80E-04	1.70E-03	1.06E-01
1,3,5-Trimethylbenzene	5.28E-01	1.45E-04	1.70E-03	8.52E-02
TOTAL				1.08E+00

TABLE 4.7-16
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.23E+00	9.40E-04	1.70E-03	5.53E-01
sec-Butylbenzene	5.84E-01	4.48E-04	1.00E-02	4.48E-02
Carbon tetrachloride	5.09E-01	3.90E-04	5.71E-04	6.84E-01
Chloromethane	1.94E+00	1.49E-03	8.60E-02	1.73E-02
Dichlorodifluoromethane	1.22E+01	9.34E-03	5.00E-02	1.87E-01
Isoproplybenzene (Cumene)	1.44E+00	1.11E-03	1.10E-01	1.01E-02
Naphthalene	1.17E+00	8.95E-04	9.00E-04	9.95E-01
Tetrachloroethene	5.59E-01	4.29E-04	1.40E-01	3.07E-03
1,2,4-Trimethylbenzene	6.56E-01	5.03E-04	1.70E-03	2.96E-01
1,3,5-Trimethylbenzene	5.28E-01	4.05E-04	1.70E-03	2.38E-01
TOTAL				3.03E+00

TABLE 4.7-17
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.46E+00	6.75E-04	1.70E-03	3.97E-01
Bromomethane	5.07E-01	1.39E-04	1.40E-03	9.92E-02
sec-Butylbenzene	6.07E-01	1.66E-04	1.00E-02	1.66E-02
tert-Butyl benzene	5.24E-01	1.44E-04	1.00E-02	1.44E-02
Carbon tetrachloride	7.14E-01	1.96E-04	5.71E-04	3.43E-01
Chloroethane	5.07E-01	1.39E-04	2.90E+00	4.79E-05
Chloromethane	2.45E+00	6.71E-04	8.60E-02	7.80E-03
1,4-Dichlorobenzene	5.26E-01	1.44E-04	2.29E-01	6.29E-04
Dichlorodifluoromethane	1.13E+01	3.09E-03	5.00E-02	6.17E-02
Dichloromethane	5.24E-01	1.44E-04	8.60E-01	1.67E-04
Hexachlorobutadiene	5.07E-01	1.39E-04	2.00E-04	6.95E-01
Naphthalene	1.42E+00	3.88E-04	9.00E-04	4.31E-01
n-Proplybenzene	7.07E-01	1.94E-04	1.00E-02	1.94E-02
Tetrachloroethene	5.61E-01	1.54E-04	1.40E-01	1.10E-03
Toluene	6.89E+00	1.89E-03	1.14E-01	1.65E-02
1,2,4-Trimethylbenzene	1.95E+00	5.34E-04	1.70E-03	3.14E-01
1,3,5-Trimethylbenzene	7.74E-01	2.12E-04	1.70E-03	1.25E-01
TOTAL				2.54E+00

TABLE 4.7-18
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	2.46E+00	1.89E-03	1.70E-03	1.11E+00
Bromomethane	5.07E-01	3.89E-04	1.40E-03	2.78E-01
sec-Butylbenzene	6.07E-01	4.65E-04	1.00E-02	4.65E-02
tert-Butyl benzene	5.24E-01	4.02E-04	1.00E-02	4.02E-02
Carbon tetrachloride	7.14E-01	5.48E-04	5.71E-04	9.60E-01
Chloroethane	5.07E-01	3.89E-04	2.90E+00	1.34E-04
Chloromethane	2.45E+00	1.88E-03	8.60E-02	2.18E-02
1,4-Dichlorobenzene	5.26E-01	4.03E-04	2.29E-01	1.76E-03
Dichlorodifluoromethane	1.13E+01	8.64E-03	5.00E-02	1.73E-01
Dichloromethane	5.24E-01	4.02E-04	8.60E-01	4.67E-04
Hexachlorobutadiene	5.07E-01	3.89E-04	2.00E-04	1.94E+00
Naphthalene	1.42E+00	1.09E-03	9.00E-04	1.21E+00
n-Proplybenzene	7.07E-01	5.43E-04	1.00E-02	5.43E-02
Tetrachloroethene	5.61E-01	4.31E-04	1.40E-01	3.08E-03
Toluene	6.89E+00	5.28E-03	1.14E-01	4.63E-02
1,2,4-Trimethylbenzene	1.95E+00	1.50E-03	1.70E-03	8.80E-01
1,3,5-Trimethylbenzene	7.74E-01	5.94E-04	1.70E-03	3.49E-01
TOTAL				7.12E+00

TABLE 4.7-19
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	7.79E-01	2.13E-04	1.70E-03	1.26E-01
Chloromethane	8.04E-01	2.20E-04	8.60E-02	2.56E-03
Dichlorodifluoromethane	1.15E+01	3.15E-03	5.00E-02	6.30E-02
Naphthalene	5.11E-01	1.40E-04	9.00E-04	1.56E-01
TOTAL				3.47E-01

TABLE 4.7-20
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	7.79E-01	5.98E-04	1.70E-03	3.52E-01
Chloromethane	8.04E-01	6.17E-04	8.60E-02	7.17E-03
Dichlorodifluoromethane	1.15E+01	8.82E-03	5.00E-02	1.76E-01
Naphthalene	5.11E-01	3.92E-04	9.00E-04	4.36E-01
TOTAL				9.71E-01

TABLE 4.7-21
CALCULATION OF NON-CANCER HAZARDS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.46E+00	4.00E-04	1.70E-03	2.35E-01
Chloromethane	2.65E+00	7.25E-04	8.60E-02	8.43E-03
Naphthalene	5.09E-01	1.39E-04	9.00E-04	1.55E-01
n-Propylbenzene	1.22E+00	3.34E-04	1.00E-02	3.34E-02
Toluene	2.65E+00	7.27E-04	1.14E-01	6.38E-03
1,2,4-Trimethylbenzene	7.89E-01	2.16E-04	1.70E-03	1.27E-01
1,3,5-Trimethylbenzene	5.33E-01	1.46E-04	1.70E-03	8.59E-02
TOTAL				6.51E-01

TABLE 4.7-22
CALCULATION OF NON-CANCER HAZARDS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value (mg/kg-day)	Hazard Quotient
Benzene	1.46E+00	1.12E-03	1.70E-03	6.59E-01
Chloromethane	2.65E+00	2.03E-03	8.60E-02	2.36E-02
Naphthalene	5.09E-01	3.90E-04	9.00E-04	4.34E-01
n-Proplybenzene	1.22E+00	9.35E-04	1.00E-02	9.35E-02
Toluene	2.65E+00	2.04E-03	1.14E-01	1.79E-02
1,2,4-Trimethylbenzene	7.89E-01	6.05E-04	1.70E-03	3.56E-01
1,3,5-Trimethylbenzene	5.33E-01	4.09E-04	1.70E-03	2.41E-01
TOTAL				1.82E+00

TABLE 4.8-1
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	8.44E+00	7.92E-04	2.90E-02	2.30E-05
Chloromethane	1.65E+00	1.55E-04	3.50E-03	5.43E-07
Dichloromethane	1.91E+00	1.79E-04	1.65E-03	2.96E-07
Cadmium	4.51E-03	4.24E-07	6.30E+00	2.67E-06
Chromium	3.96E-03	3.72E-07	4.10E+01	1.53E-05
Nickel	6.58E-03	6.18E-07	4.20E-01	2.60E-07
TOTAL				4.20E-05

TABLE 4.8-2
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	8.44E+00	5.55E-04	2.90E-02	1.61E-05
Chloromethane	1.65E+00	1.09E-04	3.50E-03	3.80E-07
Dichloromethane	1.91E+00	1.26E-04	1.65E-03	2.07E-07
Cadmium	4.51E-03	2.97E-07	6.30E+00	1.87E-06
Chromium	3.96E-03	2.60E-07	4.10E+01	1.07E-05
Nickel	6.58E-03	4.33E-07	4.20E-01	1.82E-07
TOTAL				2.94E-05

TABLE 4.8-3
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
CENTENNIAL DRIVE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	8.44E+00	1.61E-05	2.30E-05	3.91E-05
Chloromethane	1.65E+00	3.80E-07	5.43E-07	9.24E-07
Dichloromethane	1.91E+00	2.07E-07	2.96E-07	5.03E-07
Cadmium	4.51E-03	1.87E-06	2.67E-06	4.54E-06
Chromium	3.96E-03	1.07E-05	1.53E-05	2.59E-05
Nickel	6.58E-03	1.82E-07	2.60E-07	4.41E-07
TOTAL		2.94E-05	4.20E-05	7.14E-05

TABLE 4.8-4
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	4.45E+00	4.18E-04	2.90E-02	1.21E-05
Chloromethane	1.82E+00	1.71E-04	3.50E-03	5.99E-07
Dichloromethane	1.19E+00	1.12E-04	1.65E-03	1.85E-07
Cadmium	3.98E-03	3.74E-07	6.30E+00	2.36E-06
Chromium	3.21E-03	3.02E-07	4.10E+01	1.24E-05
Nickel	5.62E-03	5.28E-07	4.20E-01	2.22E-07
TOTAL				2.78E-05

TABLE 4.8-5
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	4.45E+00	2.93E-04	2.90E-02	8.49E-06
Chloromethane	1.82E+00	1.20E-04	3.50E-03	4.19E-07
Dichloromethane	1.19E+00	7.85E-05	1.65E-03	1.29E-07
Cadmium	3.98E-03	2.62E-07	6.30E+00	1.65E-06
Chromium	3.21E-03	2.11E-07	4.10E+01	8.65E-06
Nickel	5.62E-03	3.70E-07	4.20E-01	1.55E-07
TOTAL				1.95E-05

TABLE 4.8-6
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	4.45E+00	8.49E-06	1.21E-05	2.06E-05
Chloromethane	1.82E+00	4.19E-07	5.99E-07	1.02E-06
Dichloromethane	1.19E+00	1.29E-07	1.85E-07	3.14E-07
Cadmium	3.98E-03	1.65E-06	2.36E-06	4.00E-06
Chromium	3.21E-03	8.65E-06	1.24E-05	2.10E-05
Nickel	5.62E-03	1.55E-07	2.22E-07	3.77E-07
TOTAL		1.95E-05	2.78E-05	4.73E-05

TABLE 4.8-7
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.15E+01	1.08E-03	2.90E-02	3.13E-05
Chloromethane	1.74E+00	1.63E-04	3.50E-03	5.71E-07
Dichloromethane	2.90E+00	2.72E-04	1.65E-03	4.49E-07
Arsenic	4.78E-03	4.49E-07	1.50E+01	6.74E-06
Cadmium	5.93E-03	5.57E-07	6.30E+00	3.51E-06
Chromium	5.55E-03	5.21E-07	4.10E+01	2.14E-05
Nickel	8.41E-03	7.90E-07	4.20E-01	3.32E-07
TOTAL				6.43E-05

TABLE 4.8-8
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.15E+01	7.57E-04	2.90E-02	2.19E-05
Chloromethane	1.74E+00	1.14E-04	3.50E-03	3.99E-07
Dichloromethane	2.90E+00	1.91E-04	1.65E-03	3.14E-07
Arsenic	4.78E-03	3.14E-07	1.50E+01	4.71E-06
Cadmium	5.93E-03	3.90E-07	6.30E+00	2.46E-06
Chromium	5.55E-03	3.65E-07	4.10E+01	1.50E-05
Nickel	8.41E-03	5.53E-07	4.20E-01	2.32E-07
TOTAL				4.50E-05

TABLE 4.8-9
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
KENOVA FIRE STATION- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.15E+01	2.19E-05	3.13E-05	5.33E-05
Chloromethane	1.74E+00	3.99E-07	5.71E-07	9.70E-07
Dichloromethane	2.90E+00	3.14E-07	4.49E-07	7.64E-07
Arsenic	4.78E-03	4.71E-06	6.74E-06	1.14E-05
Cadmium	5.93E-03	2.46E-06	3.51E-06	5.97E-06
Chromium	5.55E-03	1.50E-05	2.14E-05	3.63E-05
Nickel	8.41E-03	2.32E-07	3.32E-07	5.64E-07
TOTAL		4.50E-05	6.43E-05	1.09E-04

TABLE 4.8-10
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.89E+00	1.78E-04	2.90E-02	5.15E-06
Chloromethane	2.43E+00	2.29E-04	3.50E-03	8.00E-07
Dichloromethane	4.20E+00	3.94E-04	1.65E-03	6.50E-07
Cadmium	3.27E-03	3.07E-07	6.30E+00	1.94E-06
Chromium	2.40E-03	2.25E-07	4.10E+01	9.24E-06
Nckel	8.42E-03	7.91E-07	4.20E-01	3.32E-07
TOTAL				1.81E-05

TABLE 4.8-11
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.89E+00	1.24E-04	2.90E-02	3.60E-06
Chloromethane	2.43E+00	1.60E-04	3.50E-03	5.60E-07
Dichloromethane	4.20E+00	2.76E-04	1.65E-03	4.55E-07
Cadmium	3.27E-03	2.15E-07	6.30E+00	1.35E-06
Chromium	2.40E-03	1.58E-07	4.10E+01	6.47E-06
Nickel	8.42E-03	5.54E-07	4.20E-01	2.33E-07
TOTAL				1.27E-05

TABLE 4.8-12
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
KENOVA WATER WORKS- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.89E+00	3.60E-06	5.15E-06	8.75E-06
Chloromethane	2.43E+00	5.60E-07	8.00E-07	1.36E-06
Dichloromethane	4.20E+00	4.55E-07	6.50E-07	1.11E-06
Cadmium	3.27E-03	1.35E-06	1.94E-06	3.29E-06
Chromium	2.40E-03	6.47E-06	9.24E-06	1.57E-05
Nickel	8.42E-03	2.33E-07	3.32E-07	5.65E-07
TOTAL		1.27E-05	1.81E-05	3.08E-05

TABLE 4.8-13
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.12E+00	1.05E-04	2.90E-02	3.05E-06
Chloromethane	2.45E+00	2.30E-04	3.50E-03	8.07E-07
Dichloromethane	8.72E-01	8.19E-05	1.65E-03	1.35E-07
Arsenic	4.96E-03	4.66E-07	1.50E+01	6.99E-06
Cadmium	3.41E-03	3.20E-07	6.30E+00	2.02E-06
Chromium	2.96E-03	2.78E-07	4.10E+01	1.14E-05
Nickel	5.84E-03	5.49E-07	4.20E-01	2.30E-07
TOTAL				2.46E-05

TABLE 4.8-14
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.12E+00	7.35E-05	2.90E-02	2.13E-06
Chloromethane	2.45E+00	1.61E-04	3.50E-03	5.65E-07
Dichloromethane	8.72E-01	5.73E-05	1.65E-03	9.46E-08
Arsenic	4.96E-03	3.26E-07	1.50E+01	4.89E-06
Cadmium	3.41E-03	2.24E-07	6.30E+00	1.41E-06
Chromium	2.96E-03	1.95E-07	4.10E+01	7.98E-06
Nickel	5.84E-03	3.84E-07	4.20E-01	1.61E-07
TOTAL				1.72E-05

TABLE 4.8-15
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
LOCKWOOD ESTATES- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.12E+00	2.13E-06	3.05E-06	5.18E-06
Chloromethane	2.45E+00	5.65E-07	8.07E-07	1.37E-06
Dichloromethane	8.72E-01	9.46E-08	1.35E-07	2.30E-07
Arsenic	4.96E-03	4.89E-06	6.99E-06	1.19E-05
Cadmium	3.41E-03	1.41E-06	2.02E-06	3.43E-06
Chromium	2.96E-03	7.98E-06	1.14E-05	1.94E-05
Nickel	5.84E-03	1.61E-07	2.30E-07	3.92E-07
TOTAL		1.72E-05	2.46E-05	4.19E-05

TABLE 4.8-16
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
SWEET RUN- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.37E+00	2.22E-04	2.90E-02	6.45E-06
Chloromethane	2.64E+00	2.48E-04	3.50E-03	8.67E-07
Dichloromethane	2.50E+02	2.35E-02	1.65E-03	3.88E-05
Cadmium	3.56E-03	3.34E-07	6.30E+00	2.11E-06
Chromium	2.59E-03	2.43E-07	4.10E+01	9.97E-06
Nickel	5.07E-03	4.76E-07	4.20E-01	2.00E-07
TOTAL				5.84E-05

TABLE 4.8-17
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
SWEET RUN- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.37E+00	1.56E-04	2.90E-02	4.51E-06
Chloromethane	2.64E+00	1.73E-04	3.50E-03	6.07E-07
Dichloromethane	2.50E+02	1.65E-02	1.65E-03	2.71E-05
Cadmium	3.56E-03	2.34E-07	6.30E+00	1.47E-06
Chromium	2.59E-03	1.70E-07	4.10E+01	6.98E-06
Nickel	5.07E-03	3.33E-07	4.20E-01	1.40E-07
TOTAL				4.09E-05

TABLE 4.8-18
CALCULATION OF CANCER RISKS FOR THE LIFETIME RESIDENT RECEPTOR
SWEET RUN - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	2.37E+00	4.51E-06	6.45E-06	1.10E-05
Chloromethane	2.64E+00	6.07E-07	8.67E-07	1.47E-06
Dichloromethane	2.50E+02	2.71E-05	3.88E-05	6.59E-05
Cadmium	3.56E-03	1.47E-06	2.11E-06	3.58E-06
Chromium	2.59E-03	6.98E-06	9.97E-06	1.70E-05
Nickel	5.07E-03	1.40E-07	2.00E-07	3.40E-07
TOTAL		4.09E-05	5.84E-05	9.92E-05

TABLE 4.8-19
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	6.27E-01	5.88E-05	2.90E-02	1.71E-06
Chloromethane	2.15E+00	2.02E-04	3.50E-03	7.08E-07
Dichloromethane	9.60E+00	9.02E-04	1.65E-03	1.49E-06
Beryllium	6.93E-04	6.51E-08	8.40E+00	5.47E-07
Cadmium	3.24E-03	3.04E-07	6.30E+00	1.92E-06
Chromium	3.10E-03	2.91E-07	4.10E+01	1.19E-05
TOTAL				1.83E-05

TABLE 4.8-20
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	6.27E-01	4.12E-05	2.90E-02	1.19E-06
Chloromethane	2.15E+00	1.42E-04	3.50E-03	4.95E-07
Dichloromethane	9.60E+00	6.31E-04	1.65E-03	1.04E-06
Beryllium	6.93E-04	4.56E-08	8.40E+00	3.83E-07
Cadmium	3.24E-03	2.13E-07	6.30E+00	1.34E-06
Chromium	3.10E-03	2.04E-07	4.10E+01	8.36E-06
TOTAL				1.28E-05

TABLE 4.8-21
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
WEBBVILLE- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	6.27E-01	1.19E-06	1.71E-06	2.90E-06
Chloromethane	2.15E+00	4.95E-07	7.08E-07	1.20E-06
Dichloromethane	9.60E+00	1.04E-06	1.49E-06	2.53E-06
Beryllium	6.93E-04	3.83E-07	5.47E-07	9.30E-07
Cadmium	3.24E-03	1.34E-06	1.92E-06	3.26E-06
Chromium	3.10E-03	8.36E-06	1.19E-05	2.03E-05
TOTAL		1.28E-05	1.83E-05	3.11E-05

TABLE 4.8-22
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.23E+00	1.15E-04	2.90E-02	3.34E-06
Carbon tetrachloride	5.09E-01	4.78E-05	5.30E-02	2.53E-06
Chloromethane	1.94E+00	1.82E-04	3.50E-03	6.38E-07
Tetrachloroethene	5.59E-01	5.25E-05	2.00E-03	1.05E-07
TOTAL				6.62E-06

TABLE 4.8-23
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD- REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.23E+00	8.06E-05	2.90E-02	2.34E-06
Carbon tetrachloride	5.09E-01	3.35E-05	5.30E-02	1.77E-06
Chloromethane	1.94E+00	1.28E-04	3.50E-03	4.46E-07
Tetrachloroethene	5.59E-01	3.68E-05	2.00E-03	7.36E-08
TOTAL				4.63E-06

TABLE 4.8-24
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - CORN FIELD - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.23E+00	2.34E-06	3.34E-06	5.68E-06
Carbon tetrachloride	5.09E-01	1.77E-06	2.53E-06	4.31E-06
Chloromethane	1.94E+00	4.46E-07	6.38E-07	1.08E-06
Tetrachloroethene	5.59E-01	7.36E-08	1.05E-07	1.79E-07
TOTAL		4.63E-06	6.62E-06	1.12E-05

TABLE 4.8-25
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.46E+00	2.31E-04	2.90E-02	6.71E-06
Carbon tetrachloride	7.14E-01	6.71E-05	5.30E-02	3.56E-06
Chloroethane	5.07E-01	4.76E-05	2.90E-03	1.38E-07
Chloromethane	2.45E+00	2.30E-04	3.50E-03	8.05E-07
1,4-Dichlorobenzene	5.26E-01	4.94E-05	2.20E-02	1.09E-06
Dichloromethane	5.24E-01	4.92E-05	1.65E-03	8.12E-08
Hexachlorobutadiene	5.07E-01	4.76E-05	7.80E-02	3.71E-06
Tetrachloroethene	5.61E-01	5.27E-05	2.00E-03	1.05E-07
TOTAL				1.62E-05

TABLE 4.8-26
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	2.46E+00	1.62E-04	2.90E-02	4.70E-06
Carbon tetrachloride	7.14E-01	4.70E-05	5.30E-02	2.49E-06
Chloroethane	5.07E-01	3.33E-05	2.90E-03	9.67E-08
Chloromethane	2.45E+00	1.61E-04	3.50E-03	5.63E-07
1,4-Dichlorobenzene	5.26E-01	3.46E-05	2.20E-02	7.61E-07
Dichloromethane	5.24E-01	3.44E-05	1.65E-03	5.68E-08
Hexachlorobutadiene	5.07E-01	3.33E-05	7.80E-02	2.60E-06
Tetrachloroethene	5.61E-01	3.69E-05	2.00E-03	7.38E-08
TOTAL				1.13E-05

TABLE 4.8-27
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA FIRE STATION - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	2.46E+00	4.70E-06	6.71E-06	1.14E-05
Carbon tetrachloride	7.14E-01	2.49E-06	3.56E-06	6.05E-06
Chloroethane	5.07E-01	9.67E-08	1.38E-07	2.35E-07
Chloromethane	2.45E+00	5.63E-07	8.05E-07	1.37E-06
1,4-Dichlorobenzene	5.26E-01	7.61E-07	1.09E-06	1.85E-06
Dichloromethane	5.24E-01	5.68E-08	8.12E-08	1.38E-07
Hexachlorobutadiene	5.07E-01	2.60E-06	3.71E-06	6.31E-06
Tetrachloroethene	5.61E-01	7.38E-08	1.05E-07	1.79E-07
TOTAL		1.13E-05	1.62E-05	2.75E-05

TABLE 4.8-28
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	7.79E-01	7.32E-05	2.90E-02	2.12E-06
Chloromethane	8.04E-01	7.55E-05	3.50E-03	2.64E-07
TOTAL				2.39E-06

TABLE 4.8-29
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	7.79E-01	5.12E-05	2.90E-02	1.49E-06
Chloromethane	8.04E-01	5.29E-05	3.50E-03	1.85E-07
TOTAL				1.67E-06

TABLE 4.8-30
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - KENOVA WATER WORKS - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposue Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	7.79E-01	1.49E-06	2.12E-06	3.61E-06
Chloromethane	8.04E-01	1.85E-07	2.64E-07	4.49E-07
TOTAL		1.67E-06	2.39E-06	4.06E-06

TABLE 4.8-31
CALCULATION OF CANCER RISKS FOR THE ADULT RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.46E+00	1.37E-04	2.90E-02	3.98E-06
Chloromethane	2.65E+00	2.49E-04	3.50E-03	8.70E-07
TOTAL				4.85E-06

TABLE 4.8-32
CALCULATION OF CANCER RISKS FOR THE CHILD RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Inhalation Intake (mg/kg-day)	Toxicity Value $(mg/kg\text{-}day)^{-1}$	Cancer Risk
Benzene	1.46E+00	9.60E-05	2.90E-02	2.78E-06
Chloromethane	2.65E+00	1.74E-04	3.50E-03	6.09E-07
TOTAL				3.39E-06

TABLE 4.8-33
CALCULATION OF CANCER RISK FOR THE LIFETIME RESIDENT RECEPTOR
MOBILE LAB DATA - SOUTHPOINT ETHANOL - REASONABLE MAXIMUM EXPOSURE

Chemical	Exposure Point Concentration (ug/m^3)	Child Risk	Adult Risk	Total Lifetime
Benzene	1.46E+00	2.78E-06	3.98E-06	6.76E-06
Chloromethane	2.65E+00	6.09E-07	8.70E-07	1.48E-06
TOTAL		3.39E-06	4.85E-06	8.24E-06

TABLE 4.9-1
SUMMARY OF RECEPTOR HAZARDS
STATIONARY SAMPLER LOCATIONS
ADULT RECEPTOR, INHALATION PATHWAY

Chemical	Hazard Quotient						
	Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Benzene	1.4E+00	7.2E-01	1.9E+00	3.0E-01	1.8E-01	3.8E-01	1.0E-01
Bromomethane	nc	nc	nc	nc	1.2E-01	nc	1.4E-01
Chloromethane	5.3E-03	5.8E-03	5.5E-03	7.7E-03	7.8E-03	8.4E-03	6.9E-03
Dichlorodifluoromethane	nc	nc	6.3E-02	1.3E-03	nc	nc	nc
Dichloromethane	6.1E-04	3.8E-04	9.2E-04	nc	2.8E-04	8.0E-02	3.1E-03
Naphthalene	2.6E-01	3.5E-01	2.8E-01	2.3E-01	2.7E-01	2.9E-01	nc
Toluene	2.3E-02	nc	nc	nc	nc	nc	nc
1,2,4-Trimethylbenzene	1.3E-01	1.2E-01	2.2E-01	nc	nc	nc	nc
1,3,5-Trimethylbenzene	nc	nc	1.0E-01	nc	nc	nc	nc
Hydrochloric acid (gaseous)	1.7E-01	1.5E-01	1.5E-01	1.5E-01	nc	1.2E-01	nc
Aluminum	6.7E-02	6.7E-02	7.3E-02	8.9E-02	6.5E-02	6.3E-02	6.0E-02
Arsenic	nc	nc	4.4E-03	nc	4.5E-03	nc	nc
Barium	nc	nc	5.4E-02	7.8E-02	nc	1.1E-01	nc
Beryllium	nc	nc	nc	nc	nc	nc	3.3E-02
Cadmium	2.4E-02	2.1E-02	3.2E-02	1.8E-02	1.8E-02	1.9E-02	1.7E-02
Chromium	3.6E-02	2.9E-02	5.1E-02	2.2E-02	2.7E-02	2.4E-02	2.8E-02
Manganese	5.0E-01	9.5E-01	7.4E-01	4.3E-01	2.9E-01	3.0E-01	1.5E-01
Nickel	9.0E-05	7.7E-05	1.2E-04	1.2E-04	8.0E-05	6.9E-05	nc
Thallium	nc	nc	nc	nc	nc	nc	2.7E-02
TOTAL	2.6E+00	2.4E+00	3.6E+00	1.3E+00	9.9E-01	1.4E+00	5.7E-01

Notes: nc-- Not a COPC for listed station

TABLE 4.9-2
SUMMARY OF RECEPTOR HAZARDS
STATIONARY SAMPLER LOCATIONS
CHILD RECEPTOR, INHALATION PATHWAY

Chemical	Hazard Quotient						
	Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Benzene	3.8E+00	2.0E+00	5.2E+00	8.5E-01	5.0E-01	1.1E+00	2.8E-01
Bromomethane	nc	nc	nc	nc	3.5E-01	nc	4.1E-01
Chloromethane	1.5E-02	1.6E-02	1.5E-02	2.2E-02	2.2E-02	2.4E-02	1.9E-02
Dichlorodifluoromethane	nc	nc	1.8E-01	nc	nc	nc	nc
Dichloromethane	1.7E-03	1.1E-03	2.6E-03	3.7E-03	7.8E-04	2.2E-01	8.6E-03
Naphthalene	7.4E-01	9.8E-01	7.8E-01	6.5E-01	7.6E-01	8.1E-01	nc
Toluene	6.5E-02	nc	nc	nc	nc	nc	nc
1,2,4-Trimethylbenzene	3.5E-01	3.3E-01	6.1E-01	nc	nc	nc	nc
1,3,5-Trimethylbenzene	nc	nc	2.8E-01	nc	nc	nc	nc
Hydrochloric acid (gaseous)	4.8E-01	4.2E-01	4.2E-01	4.2E-01	nc	3.4E-01	nc
Aluminum	1.9E-01	1.9E-01	2.0E-01	2.5E-01	1.8E-01	1.8E-01	1.7E-01
Arsenic	nc	nc	1.2E-02	nc	1.3E-02	nc	nc
Barium	nc	nc	1.5E-01	2.2E-01	nc	3.1E-01	nc
Beryllium	nc	nc	nc	nc	nc	nc	9.3E-02
Cadmium	6.8E-02	6.0E-02	8.9E-02	4.9E-02	5.1E-02	5.4E-02	4.9E-02
Chromium	1.0E-01	8.2E-02	1.4E-01	6.1E-02	7.6E-02	6.6E-02	7.9E-02
Manganese	1.4E+00	2.7E+00	2.1E+00	1.2E+00	8.1E-01	8.5E-01	4.1E-01
Nickel	2.5E-04	2.2E-04	3.2E-04	3.2E-04	2.2E-04	1.9E-04	nc
Thallium	nc	nc	nc	nc	nc	nc	7.6E-02
TOTAL	7.2E+00	6.8E+00	1.0E+01	3.7E+00	2.8E+00	3.9E+00	1.6E+00

Notes: nc-- Not a COPC for listed station

TABLE 4.9-3
SUMMARY OF RECEPTOR HAZARDS
MOBILE LAB LOCATIONS
ADULT RECEPTOR, INHALATION PATHWAY

Chemical	Hazard Quotient			
	Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Benzene	2.0E-01	4.0E-01	1.3E-01	2.4E-01
Bromomethane	nc	9.9E-02	nc	nc
sec-Butylbenzene	1.6E-02	1.7E-02	nc	nc
tert-Butyl benzene	nc	1.4E-02	nc	nc
Carbon tetrachloride	2.4E-01	3.4E-01	nc	nc
Chloroethane	nc	4.8E-05	nc	nc
Chloromethane	6.2E-03	7.8E-03	2.6E-03	8.4E-03
1,4-Dichlorobenzene	nc	6.3E-04	nc	nc
Dichlorodifluoromethane	6.7E-02	6.2E-02	6.3E-02	nc
Dichloromethane	nc	1.7E-04	nc	nc
Hexachlorobutadiene	nc	6.9E-01	nc	nc
Isoproplybenzene (Cumene)	3.6E-03	nc	nc	nc
Naphthalene	3.6E-01	4.3E-01	1.6E-01	1.5E-01
n-Proplybenzene	nc	1.9E-02	nc	3.3E-02
Tetrachloroethene	1.1E-03	1.1E-03	nc	nc
Toluene	nc	1.7E-02	nc	6.4E-03
1,2,4-Trimethylbenzene	1.1E-01	3.1E-01	nc	1.3E-01
1,3,5-Trimethylbenzene	8.5E-02	1.2E-01	nc	8.6E-02
TOTAL	1.1E+00	2.5E+00	3.5E-01	6.5E-01

Notes: nc-- Not a COPC for listed station

TABLE 4.9-4
SUMMARY OF RECEPTOR HAZARDS
MOBILE LAB LOCATIONS
CHILD RECEPTOR, INHALATION PATHWAY

Chemical	Hazard Quotient			
	Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Benzene	5.5E-01	1.1E+00	3.5E-01	6.6E-01
Bromomethane	nc	2.8E-01	nc	nc
sec-Butylbenzene	4.5E-02	4.7E-02	nc	nc
tert-Butyl benzene	nc	4.0E-02	nc	nc
Carbon tetrachloride	6.8E-01	9.6E-01	nc	nc
Chloroethane	nc	1.3E-04	nc	nc
Chloromethane	1.7E-02	2.2E-02	7.2E-03	2.4E-02
1,4-Dichlorobenzene	nc	1.8E-03	nc	nc
Dichlorodifluoromethane	1.9E-01	1.7E-01	1.8E-01	nc
Dichloromethane	nc	4.7E-04	nc	nc
Hexachlorobutadiene	nc	1.9E+00	nc	nc
Isoproplybenzene (Cumene)	1.0E-02	nc	nc	nc
Naphthalene	9.9E-01	1.2E+00	4.4E-01	4.3E-01
n-Propylbenzene	nc	5.4E-02	nc	9.4E-02
Tetrachloroethene	3.1E-03	3.1E-03	nc	nc
Toluene	nc	4.6E-02	nc	1.8E-02
1,2,4-Trimethylbenzene	3.0E-01	8.8E-01	nc	3.6E-01
1,3,5-Trimethylbenzene	2.4E-01	3.5E-01	nc	2.4E-01
TOTAL	3.0E+00	7.1E+00	9.7E-01	1.8E+00

Notes: nc-- Not a COPC for listed station

TABLE 4.10-1
SUMMARY OF RECEPTOR RISKS
STATIONARY SAMPLER LOCATIONS
ADULT RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risk						
	Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Benzene	2.3E-05	1.2E-05	3.1E-05	5.1E-06	3.0E-06	6.4E-06	1.7E-06
Chloromethane	5.4E-07	6.0E-07	5.7E-07	8.0E-07	8.1E-07	8.7E-07	7.1E-07
Dichloromethane	3.0E-07	1.8E-07	4.5E-07	6.5E-07	1.4E-07	3.9E-05	1.5E-06
Arsenic	nc	nc	6.7E-06	nc	7.0E-06	nc	nc
Beryllium	nc	nc	nc	nc	nc	nc	5.5E-07
Cadmium	2.7E-06	2.4E-06	3.5E-06	1.9E-06	2.0E-06	2.1E-06	1.9E-06
Chromium	1.5E-05	1.2E-05	2.1E-05	9.2E-06	1.1E-05	1.0E-05	1.2E-05
Nickel	2.6E-07	2.2E-07	3.3E-07	3.3E-07	2.3E-07	2.0E-07	nc
TOTAL	4.2E-05	2.8E-05	6.4E-05	1.8E-05	2.5E-05	5.8E-05	1.8E-05

Notes: nc-- Not a COPC for listed station

TABLE 4.10-2
SUMMARY OF RECEPTOR RISKS
STATIONARY SAMPLER LOCATIONS
CHILD RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risk						
	Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Benzene	1.6E-05	8.5E-06	2.2E-05	3.6E-06	2.1E-06	4.5E-06	1.2E-06
Chloromethane	3.8E-07	4.2E-07	4.0E-07	5.6E-07	5.6E-07	6.1E-07	5.0E-07
Dichloromethane	2.1E-07	1.3E-07	3.1E-07	4.6E-07	9.5E-08	2.7E-05	1.0E-06
Arsenic	nc	nc	4.7E-06	nc	4.9E-06	nc	nc
Beryllium	nc	nc	nc	nc	nc	nc	3.8E-07
Cadmium	1.9E-06	1.6E-06	2.5E-06	1.4E-06	1.4E-06	1.5E-06	1.3E-06
Chromium	1.1E-05	8.7E-06	1.5E-05	6.5E-06	8.0E-06	7.0E-06	8.4E-06
Nickel	1.8E-07	1.6E-07	2.3E-07	2.3E-07	1.6E-07	1.4E-07	nc
TOTAL	2.9E-05	1.9E-05	4.5E-05	1.3E-05	1.7E-05	4.1E-05	1.3E-05

Notes: nc-- Not a COPC for listed station

TABLE 4.10-3
SUMMARY OF RECEPTOR RISKS
STATIONARY SAMPLER LOCATIONS
LIFETIME RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risk						
	Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Benzene	3.9E-05	2.1E-05	5.3E-05	8.8E-06	5.2E-06	1.1E-05	2.9E-06
Chloromethane	9.2E-07	1.0E-06	9.7E-07	1.4E-06	1.4E-06	1.5E-06	1.2E-06
Dichloromethan	5.0E-07	3.1E-07	7.6E-07	1.1E-06	2.3E-07	6.6E-05	2.5E-06
Arsenic	nc	nc	1.1E-05	nc	1.2E-05	nc	nc
Beryllium	nc	nc	nc	nc	nc	nc	9.3E-07
Cadmium	4.5E-06	4.0E-06	6.0E-06	3.3E-06	3.4E-06	3.6E-06	3.3E-06
Chromium	2.6E-05	2.1E-05	3.6E-05	1.6E-05	1.9E-05	1.7E-05	2.0E-05
Nickel	4.4E-07	3.8E-07	5.6E-07	5.6E-07	3.9E-07	3.4E-07	nc
TOTAL	7.1E-05	4.7E-05	1.1E-04	3.1E-05	4.2E-05	9.9E-05	3.1E-05

Notes: nc-- Not a COPC for listed station

TABLE 4.10-4
SUMMARY OF RECEPTOR RISKS
MOBILE LAB LOCATIONS
ADULT RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risks			
	Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Benzene	3.3E-06	6.7E-06	2.1E-06	4.0E-06
Carbon tetrachloride	2.5E-06	3.6E-06	nc	nc
Chloroethane	nc	1.4E-07	nc	nc
Chloromethane	6.4E-07	8.0E-07	2.6E-07	8.7E-07
1,4-Dichlorobenzene	nc	1.1E-06	nc	nc
Dichloromethane	nc	8.1E-08	nc	nc
Hexachlorobutadiene	nc	3.7E-06	nc	nc
Tetrachloroethene	1.1E-07	1.1E-07	nc	nc
TOTAL	6.6E-06	1.6E-05	2.4E-06	4.8E-06

Notes: nc-- Not a COPC for listed station

TABLE 4.10-5
SUMMARY OF RECEPTOR RISKS
MOBILE LAB LOCATIONS
CHILD RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risks			
	Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Benzene	2.3E-06	4.7E-06	1.5E-06	2.8E-06
Carbon tetrachloride	1.8E-06	2.5E-06	nc	nc
Chloroethane	nc	9.7E-08	nc	nc
Chloromethane	4.5E-07	5.6E-07	1.9E-07	6.1E-07
1,4-Dichlorobenzene	nc	7.6E-07	nc	nc
Dichloromethane	nc	5.7E-08	nc	nc
Hexachlorobutadiene	nc	2.6E-06	nc	nc
Tetrachloroethene	7.4E-08	7.4E-08	nc	nc
TOTAL	4.6E-06	1.1E-05	1.7E-06	3.4E-06

Notes: nc-- Not a COPC for listed station

TABLE 4.10-6
SUMMARY OF RECEPTOR RISKS
MOBILE LAB LOCATIONS
LIFETIME RECEPTOR, INHALATION PATHWAY

Chemical	Cancer Risks			
	Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Benzene	5.7E-06	1.1E-05	3.6E-06	6.8E-06
Carbon tetrachloride	4.3E-06	6.0E-06	nc	nc
Chloroethane	nc	2.3E-07	nc	nc
Chloromethane	1.1E-06	1.4E-06	4.5E-07	1.5E-06
1,4-Dichlorobenzene	nc	1.8E-06	nc	nc
Dichloromethane	nc	1.4E-07	nc	nc
Hexachlorobutadiene	nc	6.3E-06	nc	nc
Tetrachloroethene	1.8E-07	1.8E-07	nc	nc
TOTAL	1.1E-05	2.8E-05	4.1E-06	8.2E-06

Notes: nc-- Not a COPC for listed station

TABLE 4.11-1
SUMMARY OF CENTRAL TENDENCY RESULTS
FOR NONCARCINOGENIC HAZARDS
STATIONARY AND MOBIL SAMPLER LOCATIONS

Receptor	Risk Summary	Stationary Sampler Station Location						
		Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Adult	HI	1.3	1.2	1.8	0.7	0.5	0.7	0.3
	Chemicals with HQs over one	None	None	None	None	None	None	None
Child	HI	3.3	3.12	4.7	1.7	1.28	1.8	0.7
	Chemicals with HQs over one	benzene	manganese	benzene	None	None	None	None

TABLE 4.11-1
SUMMARY OF CENTRAL TENDENCY RESULTS
FOR NONCARCINOGENIC HAZARDS
STATIONARY AND MOBIL SAMPLER LOCATIONS

Receptor	Risk Summary	Mobile Laboratory Station Location			
		Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Adult	HI	0.6	1.3	0.2	0.3
	Chemicals with HQs over one	None	None	None	None
Child	HI	1.4	3.3	0.4	0.8
	Chemicals with HQs over one	None	None	None	None

TABLE 4.11-2
SUMMARY OF CENTRAL TENDENCY RESULTS
FORCARCINOGENIC RISKS
STATIONARY AND MOBIL SAMPLER LOCATIONS

Receptor	Risk Summary	Stationary Sampler Station Location						
		Centennial Drive	Corn Field	Kenova Fire Station	Kenova Water Works	Lockwood Estates	Sweet Run	Webbville, KY
Adult	Cummulative Risk	8.00E-06	5.30E-06	1.20E-05	3.40E-06	4.70E-06	1.10E-05	3.50E-06
	Chemicals with Risks over 1E-6	benzene, chromium	benzene, chromium	benzene, arsenic, chromium	chromium	arsenic, chromium	benzene, dichloromethane, chromium	chromium
Child	Cummulative Risk	1.40E-05	9.00E-06	2.10E-05	5.90E-06	8.00E-06	1.90E-05	5.90E-06
	Chemicals with Risks over 1E-6	benzene, chromium	benzene, chromium	benzene, arsenic, cadmium, chromium	benzene, chromium	arsenic, chromium	benzene, dichloromethane, chromium	chromium
Lifetime	Cummulative Risk	2.20E-05	1.40E-05	3.30E-05	9.30E-05	1.30E-05	3.00E-05	9.40E-06
	Chemicals with Risks over 1E-6	benzene, cadmium, chromium	benzene, cadmium, chromium	benzene, arsenic, cadmium, chromium	benzene, chromium	benzene, arsenic, cadmium, chromium	benzene, dichloromethane, cadmium, chromium	chromium

TABLE 4.11-2
SUMMARY OF CENTRAL TENDENCY RESULTS
FORCARCINOGENIC RISKS
STATIONARY AND MOBIL SAMPLER LOCATIONS

Receptor	Risk Summary	Mobile Laboratory Station Location			
		Corn Field	Kenova Fire Station	Kenova Water Works	Southpoint Ethanol
Adult	Cummulative Risk	1.30E-06	3.10E-06	4.00E-08	9.20E-07
	Chemicals with Risks over 1E-6	None	benzene	None	None
Child	Cummulative Risk	2.10E-06	5.20E-06	7.70E-07	1.60E-06
	Chemicals with Risks over 1E-6	benzene	benzene, carbon tetrachloride, hexachlorobutadiene	None	benzene
Lifetime	Cummulative Risk	3.40E-06	8.30E-06	1.20E-06	2.50E-06
	Chemicals with Risks over 1E-6	benzene, carbon tetrachloride	benzene, carbon tetrachloride, hexachlorobutadiene	benzene	benzene

TABLE 5-1.1
SOURCES OF 24 HOUR ACUTE EXPOSURE SCREENING VALUES EVALUATED

Agency or Organization	Screening Value	Intended Use	Summary of Acceptance or Rejection of Screening Value
ATSDR[1]	Acute Minimum Risk Levels (MRLs)	Created as a screening tool for the human health assessment of acute airborne concentrations of contaminants	Accepted for use
California EPA, OEHHA[2]	Reference Exposure Levels (RELs)	Used to evaluate a limited selection of airborne contaminants, Based on the most sensitive, relevant adverse health effect reported in toxicological literature	Accepted for use
USEPA	Acute Exposure Guidance Levels (AEGLs)	AEGLs were developed for evaluation of emergency releases	Accepted for use
AIHA[3]	Emergency Response Planning Committee (ERPGs)	ERPGs are used as guidelines for emergency planning involving release of chemical material	Accepted for use
DOE[4]	Temporary Emergency Exposure Limits (TEELs)	TEELs were developed for evaluation of emergency releases	Determined to be inadequate for evaluation of 24 hour exposure
NRC[8]	Community Emergency Exposure Levels (CEELs)	CEELS present a blueprint for developing emergency standards for the general public	No CEELs are available for use
OSHA[5]	Permissible Exposure Limits (PELs)	Enforceable standards for occupational exposure (industrial workers) - carry the weight of law	Determined to be inadequate
NIOSH[6]	Recommended Exposure Levels (RELs), Short Term Exposure Limits (STELs)	Recommended exposure limits for occupational exposures -not enforceable	Determined to be inadequate
ACGIH[7]	Threshold Limit Values (TLVs), , Short Term Exposure Limits (STELs)	Recommended exposure limits for occupational exposure derived through annual consensus of non-governmental organization - not enforceable	Determined to be inadequate

[1]Agency for Toxic Substances and Disease Registry
[2] California EPA Office of Environmental Health Hazard Assessment
[3]American Industrial Hygiene Association
[4]Department of Energy
[5]Occupational Safety and Health Administration
[6]National Institute of Occupational Safety and Health
[7]American Conference of Governmental Industrial Hygienists
[8]National Research Council

TABLE 5-1.2
SOURCES OF 1 HOUR ACUTE EXPOSURE SCREENING VALUES EVALUATED

Agency or Organization	Screening Value	Intended Use	Summary of Acceptance or Rejection of Screening Value
California EPA, OEHHA[1]	Reference Exposure Levels (RELs)	Used to evaluate a limited selection of airborne contaminants, Based on the most sensitive, relevant adverse health effect reported in toxicological literature	Accepted for use
USEPA	Acute Exposure Guidance Levels (AEGLs)	AEGLs were developed for evaluation of emergency releases	Accepted for use
AIHA[2]	Emergency Response Planning Committee (ERPGs)	ERPGs are used as guidelines for emergency planning involving release of chemical material	Accepted for use
DOE[3]	Temporary Emergency Exposure Limits (TEELs)	AEGLs were developed for evaluation of emergency releases	Accepted for use
ATSDR[4]	Acute Minimum Risk Levels (MRLs)	Created as a screening tool for the human health assessment of acute airborne concentrations of contaminants	Accepted for use
CEELs[8]	Community Emergency Exposure Levels (CEELs)	CEELs present a blueprint for developing emergency standards for the general public	No CEELs are available for use
OSHA[5]	Permissible Exposure Limits (PELs)	Enforceable standards for occupational exposure (industrial workers) - carry the weight of law	Determined to be inadequate
NIOSH[6]	Recommended Exposure Levels (RELs), Short Term Exposure Limits (STELs)	Recommended exposure limits for occupational exposures -not enforceable	Determined to be inadequate
ACGIH[7]	Threshold Limit Values (TLVs), , Short Term Exposure Limits (STELs)	Recommended exposure limits for occupational exposure derived through annual consensus of non-governmental organization - not enforceable	Determined to be inadequate

[1] California EPA Office of Environmental Health Hazard Assessment
[2]American Industrial Hygiene Association
[3]Department of Energy
[4]Agency for Toxic Substances and Disease Registry
[5]Occupational Safety and Health Administration
[6]National Institute of Occupational Safety and Health
[7]American Conference of Governmental Industrial Hygienists
[8]National Research Council

TABLE 5-2
CENTENNIAL DRIVE SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	6	26

TABLE 5-3
CORN FIELD* SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	14	51

*Duplicate monitor location

TABLE 5-4
KENOVA* FIRE STATION SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	6	50

*Includes triggered samples

TABLE 5-5
KENOVA WATER WORKS SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	7	27

TABLE 5-6
LOCKWOOD ESTATES SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	7	27

TABLE 5-7
SWEET RUN SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	7	28

TABLE 5-8
WEBBVILLE SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Contaminant	Number of Exceedances	Total Number of Samples
Sulfate	4	28

TABLE 5-9
SUMMARY OF SAMPLE STATION DATA THAT EXCEED SELECTED ACUTE SCREENING VALUES

Station Location	Contaminant	Number of Exceedances	Total Number of Samples
Centennial Drive	Sulfate	6	26
Corn Field*	Sulfate	14	51
Kenova Fire Station	Sulfate	6	28
Kenova Fire Station - Triggered	None	0	22
Kenova Water Works	Sulfate	7	27
Lockwood Estates	Sulfate	7	27
Sweet Run	Sulfate	7	28
Webbville, Kentucky	Sulfate	4	28

*Duplicate monitor location

TABLE 5-10
RATIO OF MAXIMUM DETECTED CONCENTRATIONS TO SELECTED ACUTE SCREENING LEVELS

Station Location (1)	Contaminant	Maximum Detected Concentration (ug/m^3)	Selected Acute Screening Levels (ug/m^3)	Ratio
Centennial Drive	Sulfate	9.1	5.0	1.82
Corn Field	Sulfate	17.4	5.0	3.48
Kenova Fire Station	Sulfate	11.9	5.0	2.38
Kenova Water Works	Sulfate	9.56	5.0	1.91
Lockwood Estates	Sulfate	16.2	5.0	3.24
Sweet Run	Sulfate	16.1	5.0	3.22
Webbville, Kentucky	Sulfate	9.8	5.0	1.96

(1) Only air concentrations from stationary samples exceeded acute screening values.