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RCRA Facility Investigation Report

On–Site Areas

Former CIBA Site

Cranston, Rhode Island

Volume 2:

References and Appendices

Submitted by:

CIBA Corporation

Route 37 West

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NAME: Ciba Geigy
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APPENDIX 6-H	ECOLOGICAL RISK SUPPORT DATA

AAOI	See **additional area of investigation.**
AAOI-15	AAOI-15, the Laboratory Building Waste Water Sump, funtioned as part of normal operations in the Laboratory Building. The gravity sump drained to sewer lines that discharged to the publicly owned treatment works.
AAOI-16	AAOI-16, the Maintenance Department Cleaning Area, is where maintenance equipment was steam-cleaned. Rinse water drained to a nearby surface water catch basin.
acceptable intake for chronic exposure	An acceptable intake for chronic exposure (AIC), sometimes called the "acceptable chronic intake", is a list published by the USEPA of acceptable intake levels for various compounds.
ACL	See **alternate concentration limit.**
Act	See **Resource Conservation and Recovery Act.**
additional area of investigation	An additional area of investigation (AAOI) is an area of the facility which may have had the potential for a release. Although not required by the Order, AAOIs were identified by CIBA-GEIGY and were added to the investigation of the facility.
Administrative Order of Consent	The Administrative Order of Consent relevant to the Corrective Action Study of the facility is RCRA Docket No. I-88-1088.
AEI	See **average exposed individual.**
AIC	See **acceptable intake for chronic exposure.**
alternate concentration limit	An alternate concentration limit (ACL) is a concentration level for a compound that has no ARAR. The ACL is estimated to be the highest acceptable concentration that may be present in an environmental medium, but that will not cause adverse health effects in a chronically exposed individual under defined exposure scenarios.
analyte	In general, an analyte is an organic compound or an inorganic compound or element for which laboratory tests (analyses) are performed to determine whether the chemical is present and, if so, at what concentration. More precisely, an analyte is the identification of a specific parameter which is measured in concentration units.
anisotropic	A medium (e.g., soil) showing the physical properties that are not equal in all directions — the property varies with direction. See also **isotropic.**

AOC	See **area of concern.**
AOC-13	AOC-13, the Process Building Area, is the area in which most of the production activities occurred.
AOC-14	AOC-14, the Atlantic Tubing and Rubber Company Property, refers to a parcel of land located west of Mill Street which was purchased by CIBA-GEIGY from Atlantic Tubing in 1978. This property was never used nor developed by CIBA-GEIGY.
Appendix IX	As defined in the Order, "Appendix IX" refers to Appendix IX to 40 C.F.R. Part 264 as amended; see 52 Fed. Reg. 25942 (July 9, 1987; Final Rule).
Appendix IX compounds	Appendix IX compounds are those chemicals listed in Appendix IX to 40 C.F.R. Part 264 as amended; see 52 Fed. Reg. 25942 (July 9, 1987; Final Rule).
Appendix IX VOA	See **Appendix IX Volatile Organic Analysis.**
Appendix IX Volatile Organic Analysis	Appendix IX Volatile Organic Analysis refers to analysis for volatile organic compounds listed in Appendix IX to 40 C.F.R. Part 264 as amended; see 52 Fed 12g 25942 (July 9, 1987; Final Rule).
Applicable or Relevant and Appropriate Requirements	Applicable or Relevant and Appropriate Requirements (ARARs) are those legislated and/or promulgated federal or state standards and requirements of concern, relevance, or interest regarding the site. As listed in the RCRA Facility Investigation Proposal, the ARARs may include: • MCLs for water quality; • National Ambient Air Quality Standards; • Drinking Water Quality Standards; • National Academy of Science Advisories; • World Health Ambient Air Quality Standards; • Rhode Island Ambient Air Standards; • National Water Quality Criteria; and • Rhode Island Water Quality Standards.
aquifer losses	Aquifer losses are the portion of drawdown that is attributable to laminar (smooth) flow. Aquifer losses are time-dependent and vary linearly as a function of discharge.
ARAR	See **Applicable or Relevant and Appropriate Requirements.**
area of concern	As defined in the Order, an area of concern is an area at which releases of hazardous waste or hazardous constituents are identified.
Atlantic Tubing and Rubber Company Property	See **AOC-14.**

Atterberg limits

Atterberg limits are geotechnical parameters that correspond to arbitrary moisture contents, established by routine laboratory tests, to determine the boundaries among the states of consistency (i.e., solid, semisolid, plastic, and liquid) for fine-grained soils. The boundaries are termed the shrinkage limit (SL — between the solid and semisolid states), the plastic limit (PL — between the semisolid and plastic states), and the liquid limit (LL — between the plastic and liquid states). The Plasticity Index (I_p) corresponds to the range of water content for which soil is plastic; that is, $I_p = LL - PL$.

average exposed individual

An average exposed individual (AEI) is a conceptual scenario used to evaluate the potential risk to human receptors from various compounds. (See also **reasonable maximum exposed individual.**)

background

Background for any of the media (groundwater, soil, surface water, and sediments) shall mean a representative nearby sample of the media that is not affected by the facility.

background sampling

Background sampling is sampling conducted off-site to determine the "baseline" levels of analytes in Media of Concern in the region or locale. These baseline (or "background") levels are used for comparison against analytes found in samples on-site; that is, background sampling provides a control condition for evaluating constituents found on-site.

baseline

In Phase I, MCLs (maximum contaminant levels) and secondary drinking water standards were used for baseline concentrations of inorganic analytes in groundwater samples and surface water samples from the Waste Water Treatment Area (SWMU-10) pond. For soil, river surface water, and riverbed sediment samples, baseline concentrations were established based on the maximum concentrations of inorganic analytes detected in the same types of samples from background locations. Because sediment in the SWMU-10 pond was soil originally, the soil baselines also were used for the SWMU-10 pond.

baseline level

See **baseline.**

bathymetric survey

As part of the Phase I hydrological investigation, a bathymetric survey of the Pawtuxet River was conducted to measure the topography of the riverbed along the facility reach.

bioassay analyses

Bioassay analyses are conducted to determine the toxicity of Media of Concern to representative plant and animal species. In general, one or a few species are selected for each of the Media of Concern in an investigation. Each species is tested separately. Individuals of the selected species are introduced into an environment containing a sample of the Media of Concern. Typically, one or two dependent variables may be measured — survival rates and/or reproduction rates. The dependent variables also are measured in control conditions in order to assess the relative effects of the Media of Concern.

biological oxygen demand

See **biochemical oxygen demand.**

biochemical oxygen demand	As defined in the American Public Health Association Standard Methods, biochemical oxygen demand (BOD) is a measure of the oxygen required for the biochemical degradation of organic material (carbonaceous demand), the oxygen used to oxidize inorganic material (such as sulfides and ferrous iron), and possibly the oxygen used to oxidize reduced forms of nitrogen (nitrogenous demand). The BOD is used as an idex of organic pollution in water samples.
BOD	See **biochemical oxygen demand.**
BTEX	BTEX is an abbreviation for a group of four compounds: benzene, toluene, ethlybenzene, and xylene.
BTX	See **BTEX.**
bulk density	Bulk density (or total unit weight) is the average of the densities (or unit weights) of the constituent components of a soil or rock and the void spaces.
CAG	See **Carcinogenic Assessment Group.**
CAMU	See **Corrective Action Management Unit.**
Carcinogenic Assessment Group	The Carcinogenic Assessment Group (CAG) is an organization within the USEPA whose members specialize in the assessment of, and protection from, carcinogenic compounds.
CASR	See Current Assessment Summary Report.
cation exchange capacity	Cation exchange capacity (CEC) is a measure of a soil's ability to exchange cations (i.e., positively charged ions) with other cations in solution.
C. dubia	See ***Ceriodaphnia dubia.***
CEC	See **cation exchange capacity.**
CERCLA	See **Comprehensive Environmental Responsibility, Compensation and Liability Act.**
Ceriodaphnia dubia	*Ceriodaphnia dubia* is a type of small invertebrate, often called "water fleas", used in bioassay analyses to test the toxicity of surface water and sediment pore water from the Pawtuxet River. Water fleas are small, planktonic, freshwater crustaceans commonly found in lakes and large rivers throughout the world. Water fleas play important roles both as herbivores (feeding on algae) and as prey for many vertebrate species (particularly fish). These characteristics, as well as their relatively short life cycle, make water fleas a useful organism for testing aquatic toxicity.
chemical oxygen demand	As defined in the American Public Health Association Standard Methods, chemical oxygen demand (COD) is a measure of the oxygen equivalent of the organic matter content of a sample that is susceptible to oxidation by a strong chemical oxidant.

Chironomus tentans	*Chironomus tentans* is a type of small insect (midge) used in bioassay analyses to test the toxicity of sediment from the Pawtuxet River. Second instar larvae (i.e., larvae after the first molt) of the midge were used. Midge larvae are detritivores that live in sediment and are thereby exposed to toxicants both through feeding and through contact with the sediment.
Chlorosulfonic Acid Release Area	See **SWMU-7.**
CIBA-GEIGY	The CIBA-GEIGY Corporation, headquartered (in the United States) in Ardsley, NY, owns the facility being investigated.
CMS	See **Corrective Measures Study.**
CMS Proposal	See Corrective Measures Study Proposal.
CMS Report	See Corrective Measures Study Report.
COD	See **chemical oxygen demand.**
Comprehensive Environmental Responsibility, Compensation and Liability Act	The Comprehensive Environmental Responsibility, Compensation and Liability Act (CERCLA) of 1980, commonly called "Superfund", is legislation addressing the cleanup of hazardous waste sites. It stipulates that cleanup costs are to be born proportionately by all parties who created the hazards.
confined aquifer	A confined aquifer is a formation in which the groundwater is isolated from the atmosphere at the point of discharge by impermeable geological formations.
Consent Order	See **Administrative Order of Consent.**
constant-rate pump test	A constant-rate pump test is a hydrogeological method used to determine aquifer parameters such as transmissivity, storage coefficients or specific yield, and distance-drawdown relationships.
constituents of concern	Constituents of concern are the chemicals or compounds of interest at and/or near the site because of their toxicity, mobility, and/or persistence.
Corrective Action Management Unit	A Corrective Action Management Unit (CAMU) is an area of two or more SWMUs (and/or AOCs) which require similar remediation and (because of location or other factors) can be remediated as a single unit.
Corrective Action Program	See **RCRA Corrective Action Study.**
Corrective Action Study	See **RCRA Corrective Action Study.**
Corrective Measures Study	A Corrective Measures Study (CMS) constitutes the latter part of a RCRA Corrective Action Study; it proposes cleanup procedures that are designed to meet the Media Protection Standards. The results of a Corrective Measures Study are described in a Corrective Measures Study Report.

Corrective Measures Study Proposal	A Corrective Measures Study Proposal (or CMS Proposal) describes the work proposed to remediate the facility. The CMS Proposal concludes Stage III of a RCRA Corrective Action Study.
Corrective Measures Study Report	A Corrective Measures Study Report (or CMS Report) describes the work that was performed in the Corrective Measures Study; it concludes Stage IV of a RCRA Corrective Action Study.
corrosion/encrustation parameters	See **treatability parameters.**
C. tentans	See ***Chironomus tentans.***
Current Assessment Summary Report	The Current Assessment Summary Report (or CASR) summarized what was known about the facility when the RFI Proposal was written, and was included in Volume 1 of the RCRA Facility Investigation Proposal.
Dense Non-Aqueous Phase Liquids	Dense Non-Aqueous Phase Liquids (DNAPLs) are liquids that are denser than water and that are not soluble in water (such as trichloroethylene — TCE). DNAPLs are important because they sink through water (e.g., groundwater) to form layers or pockets. (See also **Light Non-Aqueous Phase Liquids.**)
density logging	See **gamma-gamma logging.**
Director	As defined in the Order, "Director" refers to the Director of the Waste Management Division for the EPA Region I or his/her designee.
discharge rate	Discharge rate (usually symbolized "Q") is the volume of water discharged (i.e., flowing or pumped out of a well, aquifer, or other hydraulic source) per unit of time.
discharge survey downstream point	The "discharge survey downstream" (DSD) point is the downstream (eastern) transect at which water discharge and suspended sediment discharge were measured in the Phase IA investigation.
discharge survey upstream point	The "discharge survey upstream" (DSU) point is the upstream (western) transect at which water discharge and suspended sediment discharge were measured in the Phase IA investigation.
dissolved oxygen	Dissolved oxygen (DO) is the amount of oxygen dissolved in a specific quantity of water (at a specified temperature and pressure). Dissolved oxygen is an important water quality parameter because of oxygen production and consumption in aquatic environments.
DNAPLs	See **Dense Non-Aqueous Phase Liquids.**
DO	See **dissolved oxygen.**
downhole logging	See **downhole geophysical logging.**

downhole geophysical logging	Downhole geophysical logging is a set of geophysical techniques that provide stratigraphic information over depth; downhole techniques may be based on either electrical or nuclear measurements. Nuclear techniques (proposed for Phase II) measure the emissions or reflections of certain types of atomic particles in geological strata. Some downhole logging techniques (such as natural gamma logging) passively measure particle emissions; other techniques (such as gamma-gamma logging and neutron logging) actively bombard the strata with particles and measure the proportion of particles reflected (and thereby, the proportion absorbed by the strata.The techniques rely on the fact that different types of strata may have different rates of particle emission or reflection. The measurements are made by moving a detector down a boring or well, and continuously logging the emissions/reflections. Downhole logging techniques are useful for obtaining a continuous index of geology as a function of depth. (See also **natural gamma logging, gamma-gamma logging,** and **neutron logging.**)
downstream reach	The downstream reach is the segment (or "reach") of the Pawtuxet River that is downstream of the facility but is being studied as part of the Facility Investigation.
drawdown	Drawdown is the distance that the water level in a well falls when the well is pumped. The drawdown in a pumped well has two components — aquifer losses and well losses. (See also **aquifer losses** and **well losses.**)
DSD	See **discharge survey downstream point.**
DSU	See **discharge survey upstream point.**
efficiency	See **well efficiency.**
electrical resistivity survey	Electrical resistivity ia a geophysical survey method used as a reconnaissance tool to infer the thicknesses and depths of geological layers and their respective soil or rock types. The method is based on the fact that soil and rock have distinctive electrical resistivity contrasts between bedding layers. An electrical resistivity survey of the facility was conducted as part of the Phase I physical characterization.
environmental characterization	See **release characterization.**
environmental media	As defined in the RCRA Facility Investigation Proposal, environmental media include soil, groundwater, surface water, and sediment. (See also **Media of Concern.**)
environmental setting	As defined in the RCRA Facility Investigation Proposal, the environmental setting includes the geography, climate, geology, hydrogeology, and hydrology of a site or facility. (See also **physical characterization.**)
EPA	See **United States Environmental Protection Agency.**

equipotential	An equipotential is a line along which the pressure head of groundwater in an aquifer is the same.
facility	The "facility" refers to the CIBA-GEIGY facility at Cranston, Rhode Island that is being investigated. As defined in the Order, the facility includes all contiguous land and structures, other appurtenances and improvements on the land, not limited to solid or hazardous waste management areas used for treating, storing, or disposing of hazardous waste.
Facility Assessment	See **RCRA Facility Assessment.**
facility boundary	As defined in the RCRA Facility Investigation Proposal, the facility boundary defines that portion of land owned by CIBA-GEIGY which encompasses all of the plant operating units. The facility boundary is within the legal boundaries of the property.
Facility Investigation	See **RCRA Facility Investigation.**
Facility Investigation Proposal	See RCRA Facility Investigation Proposal.
Facility Investigation Work Plan	The Facility Investigation Work Plan described the work proposed for the Facility Investigation and was included in Volume 1 of the RCRA Facility Investigation Proposal.
facility reach	The facility reach is the segment (or "reach") of the Pawtuxet River that is adjacent to (i.e., bordered by) the facility and is being studied as part of the Facility Investigation.
fathead minnows	See ***Pimephales promelas.***
field blank	A field blank is a type of control sample used to ensure that contamination of samples did not occur in the field (i.e., during sample collection).
field screening	Field screening is a category of analytical procedures conducted in the field (e.g., during sample collection). Field screening procedures may be used to provide preliminary or estimated analytical data or to select samples for additional testing. Phase I field screening procedures included collecting HNu readings in test pits, conducting headspace analysis, and examining samples under ultraviolet light.
fingerprint compounds	As defined in the RCRA Facility Investigation Proposal, fingerprint compounds are major chemical compounds which were manufactured at the facility and which have been selected on the basis of volume and duration of production, toxicity, and environmental mobility. Fingerprint compounds are specific and unique to the facility, and are not Appendix IX compounds. Some of the site's fingerprint compounds are Imipramine (Tofranil), phenylbutazone (Butazolidin), Propazine, and Tinuvin 327.
flow net analysis	Flow net analysis is a hydrogeological method used to determine the pattern and rate of groundwater flow in an aquifer by dividing the aquifer into a grid-like series of "flow tubes" that comprise the "flow net", and analyzing the groundwater flow in each "tube".

fraction	A fraction is a group of elements or compounds (or more generally, analytes) that are similar chemically.
gamma-gamma logging	Gamma-gamma logging (sometimes called "density logging") is a downhole geophysical logging method that actively bombards strata with gamma particles and measures the proportion of particles reflected by the strata. Because the proportion of gamma particles reflected depends on the electron density of the material in a stratum, the gamma particle counts recorded provide a rough indication of the bulk density of the stratum. In general, the higher the density, the lower the porosity of the stratum. The method is especially useful because it provides a continuous measurement of stratigraphic density over depth.
geological investigation	Part of the physical characterization of the site, the Phase I geological investigation helped establish the environmental setting of the facility and contributed to the Site Model. The Phase I geological investigation involved a literature review, geological mapping of bedrock exposures, and an on-site geological study (that included drilling and sampling subsurface soils and bedrock).
geometric mean	The mean of n positive numbers obtained by taking the nth root of the product of the numbers. For example, the geometric mean of 2 and 8 is 4.
geophysical investigation	Part of the physical characterization of the site, the Phase I geophysical investigation helped establish the environmental setting of the facility and contributed to the Site Model. The Phase I geophysical investigation included seismic refraction, electrical resistivity, and ground-penetrating radar surveys.
GPR	See **ground-penetrating radar survey.**
grab sample	A grab sample is either 1) a sample obtained with a grab sampler, or 2) a sample of rock or sediment collected more or less at any place.
grab sampler	A grab sampler is a type of sampling apparatus with movable jaws that close after the sampler is dropped to the bottom of a river, pond, or other water body. A grab sampler was used in the Phase I investigations to obtain subaqueous samples of river bottom sediments.
ground-penetrating radar survey	A ground-penetrating radar (GPR) survey is a geophysical survey method used as a reconnaissance tool for 1) locating natural and man-made subsurface features that may aid or impede the flow of groundwater, and 2) avoiding objects while drilling. The method is based on the fact that soil and rock layers (as well as other subsurface features that could affect groundwater flow or contaminant migration) reflect radar signals from surfaces between layers having a high conductivity contrast. It is most useful in areas containing resistive materials (such as dry rocks, or clean sands that have been saturated with fresh water); it is much less useful in areas having conductive materials (such as clay or rocks with conductive pore fluid). A GPR survey of the facility was conducted as part of the Phase I physical characterization.

groundwater — As defined in the Order, groundwater refers to water below the land surface in the subsurface zone, below which all pore space is filled with water (i.e., the saturated zone).

H&S Guidelines — See Health and Safety Guidelines.

hazard index — A hazard index (HI) for a particular compound is the ratio of the intake at the exposure point to the reference dose; that is:

$$HI = \frac{\text{Intake at Exposure Point}}{\text{RfD}}$$

Hazard indices are used to characterize the health effects of non-carcinogenic compounds.

hazardous constituents — As defined in the Order, hazardous constituents include those constituents listed in Appendix VIII to 40 C.F.R. Part 261 and Appendix IX to 40 C.F.R. Part 264.

hazardous waste — As defined in the Order, hazardous waste is a term used as defined in § 1004 (5) of RCRA, 42 U.S.C. § 6903 (5).

Hazardous Waste Storage Area — See **SWMU-1.**

head — See **hydraulic head.**

head loss — Head loss is the portion of head energy (pressure) which is lost because of friction as water flows.

headspace — The space above the soil or sediment sample in a sample jar; the space is occupied by vapors that are tested using headspace analysis.

headspace analysis — Headspace analysis is a field screening procedure for the preliminary identification of volatile organic compounds in soil or sediment samples. Headspace analysis measurements can be made either with an organic vapor analyzer (OVA) or an HNU meter.

Health and Safety Guidelines — The Health and Safety Guidelines described the guidelines proposed in order to ensure the health and safety of personnel during the Corrective Action Study of the facility. These guidelines constituted Volume 3 of the RCRA Facility Investigation Proposal.

health-based criteria — As defined in the Order, health-based criteria shall refer to those health-based standards that, in order of preference, have been either promulgated by EPA in regulation form, adopted by EPA in guidance form, or approved by the Director.

HHEM — See **Human Health Evaluation Manual.**

HI — See **hazard index.**

HNu — See **headspace analysis.**

HSWA	As defined in the Order, HSWA refers to the Hazardous and Solid Waste Amendments of 1984.
Human Health Evaluation Manual	The Human Health Evaluation Manual (HHEM) is a USEPA publication that describes the procedures and methods for evaluating various risks to human health.
hydraulic conductivity	Hydraulic conductivity is a hydrogeological measure of groundwater movement and is defined as the rate of groundwater flow through a one-foot-square cross-sectional area under a unit hydraulic gradient.
hydraulic gradient	The hydraulic gradient is the rate of change of pressure head per unit distance; hydraulic gradients may be measured vertically or horizontally, and may be upward or downward. A horizontal hydraulic gradient of zero is flat — the groundwater surface is level.
hydraulic head	Head is the amount of energy (pressure) in an aquifer or well and is measured using the water level in the aquifer or well.
hydrochemical facies	Hydrochemical facies are a way to represent the chemical composition of waters, and especially a way to compare the chemical compositions of different samples of waters quickly and visually. In essence, the chemical "face" of a sample is represented by plotting the concentrations of three positive and three negative ionic groups on two trilinear (triangular) diagrams (one for positive and one for negative ions). These two trilinear plots (sometimes called Piper diagrams) can be collapsed into a single parallelogram that presents the hydrochemical facies of the samples.
hydrogeological investigation	Part of the physical characterization of the site, the Phase I geological investigation helped establish the environmental setting of the facility and contributed to the Site Model. The Phase I hydrogeological investigation involved installing monitoring wells and piezometers, monitoring groundwater levels, conducting slug tests and recovery tests, conducting step-drawdown tests, and analyzing the chemical composition of groundwater.
hydrological investigation	The Phase I hydrological investigation helped establish the environmental setting of the Pawtuxet River. The Phase I hydrological investigation examined the Pawtuxet River and its association with the facility using a literature review, a bathymetric survey, water discharge monitoring, sediment discharge monitoring, and riverbed sediment sampling and analysis.
indicator chemicals	See **indicator compounds**.
indicator compounds	Indicator compounds vary for each SWMU, AOC, and AAOI; they include all analytes detected in Phase I for each of the Media of Concern at a particular SWMU, AOC, or AAOI.
isotropic	A medium (e.g., soil) showing the physical properties that are equal in all directions. See also **anisotropic**.
Interim Report	See **Phase I Interim Report**.

IT	See **International Technology, Inc.**
International Technology, Inc.	International Technology, Inc., headquartered in Knoxville TN, conducted bioassay analyses and is responsible for the PHERE pursuant to the Corrective Action Study of the facility.
Laboratory Building Waste Water Sump	See **AAOI-15.**
laminar head losses	See **linear head losses.**
library search compound	See **tentatively identified compound.**
Light Non-Aqueous Phase Liquids	Light Non-Aqueous Phase Liquids (LNAPLs) are liquids that have a density lower than water and that are not soluble in water (such as certain oils). LNAPLs are important because they float on water (e.g., groundwater) to form layers or pockets. (See also **Dense Non-Aqueous Phase Liquids.**)
linear head losses	Linear head losses (sometimes called "laminar head losses") are the portion of well losses caused by damage to the aquifer during drilling and completion of the well that is being pumped.
linear well losses	See **linear head losses.**
lithology	Lithology is a description of the characteristics of a rock or stratigraphic unit.
LNAPLs	See **Light Non-Aqueous Phase Liquids.**
LOAEL	See **lowest-observable-adverse-effect level.**
lowest-observable-adverse-effect level	The lowest-observable-adverse-effect level (LOAEL) for a particular compound is a published concentration value that has the least observable adverse effect on a particular population. As defined in the RCRA Facility Investigation Proposal, the LOAEL is the concentration at which some effects on the exposed population may be observable, but those effects are not considered to be adverse nor to be precursors to specific adverse effects. If there is no NOAEL for a compound, the LOAEL may be used in calculating potential risk. (See also **no-observable-adverse-effect level.**)
Maintenance Department Cleaning Area	See **AAOI-16.**
major ions	Major ions are charged atomic or molecular units and fall into two groups — cations (positively charged) and anions (negatively charged). Most natural waters are composed of four cationic groups (sodium — Na, potassium — K, magnesium — Mg, and calcium — Ca) and four anionic groups (chlorides — Cl, sulfates — SO_4, bicarbonates — HCO_3, and carbonates — CO_3). (See also **hydrochemical facies.**)

maximum contaminant level	The maximum contaminant level (MCL) for a particular compound is the highest acceptable concentration level for that compound in order to meet acceptable water quality standards.
MCL	See **maximum contaminant level.**
media	See **Media of Concern.**
Media of Concern	As defined in the Order, Media of Concern refer to soil and groundwater at the site, as well as surface water and sediment in both SWMU-10 and in the Pawtuxet River. (See also **environmental media.**)
Media Protection Standards	Media Protection Standards (MPS) are written as part of a RCRA Corrective Action Study to define the standards that must be met in order to protect the media of concern at the site.
midge larvae	See ***Chironomus tentans.***
mid-point method	See **USGS mid-section method.**
mid-section method	See **USGS mid-section method.**
monitoring well	As defined in the Order, a monitoring well is a well capable of producing groundwater samples that, upon laboratory analysis, can provide a reliable indication of groundwater quality.
Monthly Progress Reports	As required by the Order, Monthly Progress Reports have been submitted describing the activities, samples, jeopardies, anticipated schedule, and changes to the Work Plan, as well as the problems encountered and how those problems were resolved.
MPS	See **Media Proctection Standards.**
National Pollutant Discharge Elimination System	The Federal Water Pollution Control Act (also known as the Clean Water Act, or CWA), as amended in 1987, requires National Pollutant Discharge Elimination System (NPDES) permits for storm water discharge associated with industrial activity. These regulations are contained primarily in 40 C.F.R. Part 122.26; see 55 PR 47990 (November 16, 1990).
natural gamma logging	Natural gamma logging is a downhole geophysical logging method that passively measures gamma particles emitted by strata. The measurements are used to infer the qualitative characteristics of strata, and also to correlate stratigraphic units between borehole locations. The method primarily indicates the presence of clay units, so it indicates the relative porosity and permeability of strata. The method is especially useful because it provides a continuous measurement of porosity and permeability over depth.

neutron logging

Neutron logging is a downhole geophysical logging method that actively bombards strata with neutrons and measures the proportion of neutrons absorbed by the strata. Because neutrons tend to be absorbed by hydrogen atoms, and because the presence of hydrogen is highly correlated with the presence of water, the method indicates the amount of moisture in the saturated zone and indicates the total porosity under saturated conditions. The method is especially useful because it provides a continuous measurement of saturation and porosity over depth.

NOAEL

See **no-observable-adverse-effect level.**

no-observable-adverse-effect level

The no-observable-adverse-effect level (NOAEL) for a particular compound is a published concentration value that has no observable effect on the exposed population. As defined in the RCRA Facility Investigation Proposal, the NOAEL is the highest concentration in an experiment at which there are no statistically or biologically significant increases in the frequency or severity of adverse effects between the exposed population and its appropriate control. The NOAEL is used in calculating the potential risk from a compound. (See also **lowest-observable-adverse-effect level**.)

non-linear head losses

Non-linear head losses (sometimes called "turbulent head losses") are the portion of well losses caused by friction or occurring in zones where flow usually is turbulent.

non-linear well losses

See **non-linear head losses.**

NPDES

See **National Pollutant Discharge Elimination System.**

nutrients

Nutrients such as ammoniates (NH_3), nitrates (NO_3), nitrites (NO_2), and phosphates (PO_4) may be measured in samples as an index of treatability. (See also **treatability parameters.**)

observation well

As defined in the Order, an observation well is a well used to measure water table elevations.

off-site investigation

Part of the Phase I investigation, the off-site investigation provided information about conditions surrounding the facility.

operable unit

See **Corrective Action Management Unit.**

Order

See **Administrative Order of Consent.**

organic vapor analyzer

An organic vapor analyzer (OVA) is an instrument used to detect volatile organic compounds in soil or sediment samples. (See also **headspace analysis.**)

ORTF

See **Over-the-River Tank Farm.**

OVA

See **organic vapor analyzer.**

Over-the-River Tank Farm	The Over-the-River Tank Farm (ORTF) was built in 1970 and 1971; it was comprised of six 7500-gallon tanks and three 3000-gallon tanks. The tanks were enclosed in a reinforced concrete dike which was supported by steel piles. The tanks contained new and recovered solvents including alcohol, toluene, and xylene.
PAH	See **polycyclic aromatic hydrocarbon.**
PCB	See **polychlorinated biphenyl.**
permeability	Permeability is a measure of the capacity of a porous rock, sediment, or soil to transmit a fluid, and is positively correlated with hydraulic conductivity.
Phase I	The first half of the CIBA-GEIGY Facility Investigation, Phase I involved both physical characterization and release characterization activities. In general, the objective of Phase I was to develop a physical site model and determine what constituents were present at the site. Phase I was divided into two parts — Phase IA and Phase IB; the results of the Phase I investigation are reported in this Phase I Interim Report.
Phase I Interim Report	This report (submitted at the conclusion of Phase I) describes the objectives, methods, analyses, and results of the Phase I investigation of the facility — including the Phase I physical characterization, the Phase I release characterization, and the Phase I off-site investigation; the Phase I Interim Report constitutes Volume 1 of this Phase I Interim Report and Phase II Proposal.
Phase IA	The first part of the Phase I investigation of the facility, Phase IA was conducted in the Spring and Summer of 1990 and involved mostly physical characterization. The results of the Phase IA investigation were reported in the Phase IA Report.
Phase IA Report	The report describing the objectives, methods, analyses, and results of the Phase IA investigation of the facility; the Phase IA Report was submitted in October 1990 and approved in May 1991.
Phase IB	The second part of the Phase I investigation of the facility, Phase IB was conducted late in 1990 and in the first half of 1991. Phase IB involved both physical characterization and release characterization activities. The results of the Phase IB investigation are reported in this Phase I Interim Report.
Phase II	The second half of the CIBA-GEIGY Facility Investigation, Phase II will involve both physical characterization and release characterization activities. In general, the objective of Phase II is to determine how much of certain constituents is present at the site. The activities proposed for Phase II are described in the Phase II Proposal, Volume 2 of the Phase I Interim Report and Phase II Proposal; the results of the Phase II investigation will be reported in the RCRA Facility Investigation Report.

Phase II Proposal	This report (submitted at the conclusion of Phase II) describes the objectives, methods, and analyses planned for the Phase II investigation of the facility — including the Phase II physical characterization, the Phase II release characterization, and the Phase II off-site investigation; the Phase II Proposal constitutes Volume 2 of this Phase I Interim Report and Phase II Proposal.
PHERE	See **Public Health and Environmental Risk Evaluation.**
PHERE Proposal	As part of the RCRA Facility Investigation Proposal, the PHERE Proposal described the plans for collecting, analyzing, and reporting the data for the Public Health and Environmental Risk Evaluation.
PHERE Report	The PHERE Report will describe the methods, analyses, results, and conclusions of the Public Health and Environmental Risk Evaluation. The PHERE Report will be submitted at the conclusion of Phase II in conjunction with the RCRA Facility Investigation Report.
physical characterization	Physical characterization involves activities or studies performed to define or describe the environmental setting of a facility in sufficient detail to develop a site model of the facility's physical environment and to support designing and conducting the release characterization. (See also **environmental setting.**)
piezometer	As defined in the Order, a piezometer is a small-diameter, non-pumping well used to measure hydraulic head at some depth below the water table.
Pimephales promelus	*Pimephales promelus* is a type of fathead minnow used in bioassay analyses to test the toxicity of surface water from the Pawtuxet River. Fathead minnows are a surface water fish with a widespread distribution throughout the United States. They are an important forage fish in the food chain and are readily cultured in the laboratory.
Piper diagrams	See **hydrochemical facies.**
point of exposure	As defined in the Order, a point of exposure is the point at which it is assumed a potential receptor can come into contact, either now or in the future, with hazardous waste and/or hazardous constituents.
polyaromatic hydrocarbon	See **polycyclic aromatic hydrocarbons.**
polychlorinated biphenyl	In general, a polychlorinated biphenyl (PCB) is a category of organic compounds characterized by heavily-chlorinated biphenyl oil compounds. PCBs are used in transformers, heat exchangers, and some hydrostatic equipment.
polycyclic aromatic hydrocarbon	A polycyclic aromatic hydrocarbon (PAH) is a category of organic compounds characterized by molecular structures involving multiple benzene rings.
polynuclear aromatic hydrocarbons	See **polycyclic aromatic hydrocarbons.**

porosity	In general, porosity is a measure of the "voids" in a geological sample or layer. More specifically, porosity is the percentage of the bulk volume of a rock or soil that is occupied by interstices, regardless of whether those interstices are isolated or connected.
POTW	See **publicly owned treatment works.**
P. promelas	See ***Pimephales promelas.***
Preliminary Investigation	As defined in the RCRA Facility Investigation Proposal, a Preliminary Investigation is not part of a RCRA Corrective Action Study but was conducted by CIBA-GEIGY before the Order was signed in order to understand site conditions better.
Preliminary RCRA Facility Investigation	See **Preliminary Investigation.**
Preliminary RFI	See **Preliminary Investigation.**
PRFI	See **Preliminary Investigation.**
Process Building Area	See **AOC-13.**
Prussian Blue Release Area	See **SWMU-8.**
Public Health and Environmental Risk Evaluation	A Public Health and Environmental Risk Evaluation (PHERE, also known simply as a "Risk Evaluation") is part of a RCRA Facility Investigation. The PHERE will be conducted in Phase II to evaluate the risks to public health and the environment from the facility. The work proposed for the PHERE relevant to the CIBA-GEIGY facility was described in the PHERE Proposal; the results of the PHERE will be reported in the PHERE Report.
publicly owned treatment works	A publicly owned treament works (POTW) is a municipal water treatment facility.
push core sample	A sample obtained with a push core sampler.
push core sampler	A push core sampler is a hand-operated vertical pipe coring apparatus that was used in the Phase I investigation to collect cores of riverbed sediments.
QA documents	See Quality Assurance Documents.
QA Plan	See Quality Assurance Documents.
Quality Assurance Documents	The Quality Assurance Documents described the procedures proposed to ensure that the work in the Corrective Action Study of the facility will meet all appropriate standards and conditions. These documents constituted Volume 2 of the RCRA Facility Investigation Proposal.
RCRA	See **Resource Conservation and Recovery Act.**

RCRA Corrective Action Study — A RCRA Corrective Action Study is a program of investigations conducted toward cleaning up a known or suspected hazardous waste site. In general, a Corrective Action Study has four stages: Stage I is the RCRA Facility Assessment; Stage II is the RCRA Facility Investigation; Stage III is the work culminating in the CMS Proposal; Stage IV is the work culminating in the CMS Report.

RCRA Facility Assessment — A RCRA Facility Assessment (sometimes simply called the "Facility Assessment" or the "RFA") usually is the first stage of a RCRA Corrective Action Study. It is designed to provide an initial or preliminary view of the site's characteristics and potential releases. The results of a Facility Assessment usually are presented in a RCRA FacilityAssessment Report; for the CIBA-GEIGY Corrective Action Study, the results of the Facility Assessment (and the Preliminary Investigation) were summarized in the Current Assessment Summary Report (in Volume 1 of the RCRA Facility Investigation Proposal).

RCRA Facility Investigation — A RCRA Facility Investigation (sometimes simply called the "Facility Investigation" or the "RFI") is the second stage of a RCRA Corrective Action Study. It is designed to provide a comprehensive view of the site's physical characteristics and the impact of potential releases. The design of the Facility Investigation was described in the RCRA Facility Investigation Proposal; the results of a Facility Investigation usually are presented in a RCRA Facility Investigation Report.

RCRA Facility Investigation Proposal — A RCRA Facility Investigation Proposal (or RFI Proposal) describes all aspects of the work planned for a Facility Investigation. The RFI Proposal relevant to the CIBA-GEIGY Corrective Action Study contained the Current Assessment Summary Report, the Strategic Plan, and the Facility Investigation Work Plan in Volume 1, the Quality Assurance Documents in Volume 2, and the Health and Safety Guidelines in Volume 3. The RFI Proposal was submitted in March 1990; Volume 1 was reissued (after approval of the RFI Proposal) in February 1991.

reasonable maximum exposed individual — A reasonable maximum exposed individual (RMEI) is a conceptual scenario used to evaluate the potential risk to human receptors from various compounds. (See also **average exposed individual.**)

recharge rate — Recharge rate (usually symbolized "R") is the rate at which water is added to the zone of saturation.

recovery test — **See water level recovery test.**

reference dose — As defined in the RCRA Facility Investigation Proposal, a reference dose (RfD) is an estimate of the daily exposure level for the human population, including sensitive populations, that is likely to be without appreciable risk of deleterious effects during a lifetime.

release — As defined in the Order, a release includes any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment.

release characterization — As defined in the RCRA Facility Investigation Proposal, a release characterization is a characterization of the nature and extent of chemical releases to environmental media.

residual drawdown	Residual drawdown is the rise in the water level of a well after pumping stops. It is expressed as the difference between the initial water level before pumping starts and the water level at time *t* after pumping stops.
Resource Conservation and Recovery Act	The Resource Conservation and Recovery Act (RCRA) as amended by the Hazardous and Solid Waste Amendments of 1984, 42 U.S. C. §§ 6901 et seq..
RFA	See **RCRA Facility Assessment.**
RfD	See **reference dose.**
RFI	See **RCRA Facility Investigation.**
RFI Proposal	See **RCRA Facility Investigation Proposal.**
Rhode Island Department of Environmental Management	The Rhode Island Department of Environmental Management (RIDEM) is the agency in the state of Rhode Islands chartered to oversee and protect all aspects of the environment in the state.
RIDEM	See **Rhode Island Department of Environmental Management.**
Risk Evaluation	See **Public Health and Environmental Risk Evaluation.**
River Sediment Storage Area	See **SWMU-5.**
river stage	River stage is the elevation of a river as measured against some standard (usually mean sea level).
RMEI	See **reasonable maximum exposed individual.**
saturated zone	A saturated zone is the portion of a geological unit 1) that occurs below the water table, 2) where the moisture content is equal to the porosity of the formation, and 3) where the fluid pressure is greater than atmospheric pressure.
sediment discharge monitoring	See **sediment discharge survey.**
sediment discharge survey	As part of the Phase I hydrological investigation, a sediment discharge survey was conducted in the Pawtuxet River using the USGS mid-section method.
seismic refraction survey	Seismic refraction is a geophysical survey method used as a reconnaissance tool to infer the thicknesses and depths of geological layers and their respective soil or rock types. The method is based on the facts that 1) soil and rock have distinctive seismic wave velocity contrasts between bedding layers, and 2) seismic wave velocity generally increases with depth. A seismic refraction survey of the facility was conducted as part of the Phase I physical characterization.
7500-Gallon, 90-Day Storage Tank	See **SWMU-3.**

Shelby tube	A Shelby tube is a type of sampling apparatus that permits obtaining an "undisturbed" soil or sediment sample — one that can be used for geotechnical analyses.
Shelby tube sample	A sample obtained using a Shelby tube — an "undisturbed" sample that is suitable for certain geotechnical analyses (such as hydraulic conductivity).
site	See **facility.**
Site Model	The Site Model is a conceptual descriptive model of the site developed based on the results from the Phase I geophysical, geological, hydrogeological, and hydrological investigations; the Site Model helped define the data gaps remaining after Phase I and helped in developing the Phase II Proposal. The Site Model is presented in this Phase I Interim Report.
6000-Gallon Hazardous Waste Storage Tank	See **SWMU-2.**
solid waste management unit	As defined in the Order, a solid waste management unit (SWMU) is any unit at a facility which contains or contained solid or hazardous wastes, from which hazardous waste or hazardous constituents might migrate, regardless of whether the unit was intended for the management of solid and/or hazardous wastes. A solid waste management unit may include areas at facilities which have become contaminated as a result of routine releases of hazardous waste or hazardous constituents. Examples of SWMUs include (but are not limited to) landfills, surface impoundments, waste piles, land treatment units, incinerators, injection wells, tanks (including 90-day accumulation tanks), container storage areas transfer stations, and waste recycling operations.
specific retention	Specific retention is the ratio of the volume of water that is retained (i.e., that does not drain due to gravity) from a rock or soil to the total volume of the rock or soil.
specific storage	Specific storage of a saturated aquifer is the volume of water released from storage under a unit decline in hydraulic head.
specific yield	Specific yield is the ratio of the volume of water that drains (due to gravity) from a rock or soil to the total volume of the rock or soil.
split sample	A split sample is one that has been divided into halves (or more) so that the halves may be submitted for independent analysis by two different laboratories or groups in order to compare and confirm analytical procedures and results. In essence, split samples provide control conditions.
split spoon sample	A sample obtained using a split spoon sampler.
split spoon sampler	A split spoon sampler is a type of sampling apparatus that permits two (theoretically) identical samples to be obtained simultaneously from the same location; these two samples may then be "split" for independent analysis by two different laboratories or groups.

stage	See **river stage.**
Stage 1	See **RCRA Facility Assessment.**
Stage 2	See **RCRA Facility Investigation.**
Stage 3	See **Corrective Measures Study Proposal.**
Stage 4	See **Corrective Measures Study Report.**
step-drawdown test	A step-drawdown test is a hydrogeological method used to determine optimum discharge rates for long-term pumping of a well. Step-drawdown tests allow characterization of a well in terms of the relationship between the discharge and the drawdown as the well is pumped. (See also **discharge** and **drawdown.**)
storativity	Storativity is a parameter that relates the specific yield and the specific storage of the rock or soil in an aquifer as a function of the saturated thickness of the aquifer.
Strategic Plan	The Strategic Plan described the strategies, tactics, logistics, and schedule planned in order to accomplish the work proposed for the Facility Investigation and was included in Volume 1 of the RCRA Facility Investigation Proposal (submitted March 1990 and reissued in approved form in February 1991).
subsurface soil sample	A subsurface soil sample is a sample retrieved from depths of more than 12 inches below ground surface.
Superfund	See **Comprehensive Environmental Responsibility, Compensation and Liability Act.**
surficial soil sample	In general, a surficial soil sample is a soil sample retrieved from depths of 6 to 12 inches below ground surface.
suspended sediment discharge monitoring	See **sediment discharge survey.**
suspended sediment discharge survey	See **sediment discharge survey.**
SWMU	See **Solid Waste Management Unit.**
SWMU-1	SWMU-1, the Hazardous Waste Storage Area, was designed for a maximum capacity of 768 55-gallon drums. Typically, it stored 300 to 400 drums containing various wastes including flammable liquids and solids, corrosive liquids and solids, organic mixtures and solids, non-hazardous organic mixtures, and chloroform. The area was about 42 by 58 feet, and was asphalt-lined, diked, and surrounded by a 6-foot chain-link fence. The dike was capable of holding 48,000 gallons.

SWMU-2 SWMU-2, the 6000-Gallon Hazardous Waste Storage Tank, was used to store process wastes containing acetone, toluene, monochlorobenzene, isopropanol, naptha, xylene, heptane, methanol, and water. The carbon steel tank was 17 feet high, 8 feet in diameter, and was enclosed by an 8000-gallon capacity dike (14.5 by 19 by 4 feet).

SWMU-3 SWMU-3, the 7500-Gallon, 90-Day Storage Tank, was a vertical above-ground tank used to store flammable liquids for periods of less than 90 days. The stainless steel tank was 17 feet high, 8.5 feet in diameter, and was enclosed by a 25,000-gallon dike (about 28 by 29 by 4 feet).

SWMU-4 SWMU-4, the Trash Compactor Station, had two trash compactors (30- and 55-cubic yard capacity) and only handled packaging material, paper wastes, and washed fiber drums. The trash compactor station (21 by 36 feet) was concrete-lined and drained to the Waste Water Treatment Plant.

SWMU-5 SWMU-5, the River Sediment Storage Area, contained about 6630 cubic yards of sediment that had been dredged from the Pawtuxet River as part of removing the original cofferdam/waste water outfall. The sediment was removed from the site in 1976 and the natural grade of the area was restored in 1977.

SWMU-6 SWMU-6, the Zinc Oxide/Soil Storage Pile, has about 25 cubic yards of soil containing about 10% zinc oxide residue; the residue resulted from a broken railcar. The soil pile is about 50 by 7 by 2 feet.

SWMU-7 SWMU-7, the Chlorosulfonic Acid Release Area, is an area about 10 by 20 feet at which about 500 gallons of chlorosulfonic acid were released.

SWMU-8 SWMU-8, the Prussian Blue Release Area, is an area from which about 300 cubic yards of blue-stained soil (believed to be stained by the release of an unknown quantity of Prussian Blue) were excavated and removed.

SWMU-9 SWMU-9, the Waste Water Pipeline Break — Warwick Area, is where a break in the main raw waste transfer line resulted in the discharge of about 24,000 gallons of waste water. The waste water entered the surface water runoff catchment system and discharged to the Pawtuxet River. The waste water typically contained halogenated and non-halogenated solvents and other organic compounds routinely used in the chemical manufacturing process.

SWMU-10 SWMU-10, the Waste Water Pipeline Break — Waste Water Treatment Area, is where a break in an underground waste water line resulted in a discharge of about 50,000 gallons. The discharge flowed into a small pond on-site and then diverted to the Pawtuxet River. The pH of the released waste water was 8.5; the chemical oxygen demand was 1010 parts per million. This discharge contained acetone (31 pounds), isopropyl alcohol (45 pounds), toluene (7 pounds), xylene (1.7 pounds), zinc (0.25 pounds), and nitrobenzene (0.125 pounds).

SWMU-11	SWMU-11, the Toluene Waste Water Release Area, is where an estimated release of between 9 and 90 pounds of toluene in waste water occurred via a subsurface sump associated with Building 11.
SWMU-12	SWMU-12 is the area formerly occupied by the Waste Water Treatment Plant. Biological trickling towers were used and periodic sump overflows from these towers resulted in discharges to the river. Influent to the towers routinely contained volatile and semi-volatile organic compounds. Additional releases from SWMU-12 in excess of the NPDES permit requirements have been reported for zinc, BOD, and phenols; in two releases, chloroform was discharged to the river.
target chemicals	See **target compounds.**
Target Compound List	See **target compounds.**
target compounds	Target compounds are a subset of indicator compounds selected according to their toxicity and the concentrations observed in the Phase I release characterization. See also **indicator compounds.**
TCL	Target Compound List — see **target compounds.**
TCLP	See **Toxicity Characteristic Leaching Procedure.**
TDS	An abbreviation for total dissolved solids; see **treatability parameters.**
tentatively identified compound	A tentatively identified compound (TIC), sometimes called a "library search compound", is one that can be identified to within a particular chemical category, but cannot be identified specifically.
TIC	See **tentatively identified compound.**
TKN	An abbreviation for total Kjeldahl nitrogen; see **treatability parameters.**
TOC	See **total organic carbon.**
Toluene Waste Water Release Area	See **SWMU-11.**
total organic carbon	Total organic carbon (TOC) is a measure of the amount of carbon present in organic compounds (i.e., not in CO_2) in a sample.
total suspended solids	Total suspended solids (TSS) is a measure of the amount of solid material in suspension in a well-mixed sample. The measure is obtained by filtering the sample, drying the filter, and weighing the material retained on the filter.
TOX	An abbreviation for total organic halides; see **treatability parameters.**

Toxicity Characteristic Leaching Procedure

Toxicity Characteristic Leaching Procedure (TCLP) is a method specified in 40 C.F.R. Part 261-24, Method 1311 (see 51 FR 21648; March 29, 1990) and designed to determine the mobility of organic and inorganic contaminants in liquid, solid, and multiphase wastes.

TPHC

An abbreviation for total petroleum hydrocarbons; see **treatability parameters.**

transect

A transect is a line surveyed across a river so that various measurements (e.g., bathymetry, discharge) can be made along the transect. Ten transects were surveyed across the Pawtuxet River for the Phase I hydrological investigation.

transmissivity

Transmissivity (usually symbolized 'T') is a measure of the amount of water that can be transmitted through a unit width of an aquifer under a unit hydraulic gradient. Transmissivity equals the hydraulic conductivity times the saturated thickness of the aquifer (i.e., T=Kb). (See also **hydraulic conductivity.**)

Trash Compactor Station

See **SWMU-4.**

treatability parameters

Treatability parameters are chemical characteristics that reflect whether a chemical compound is amenable to disposal at a publicly owned treatment works. Treatability parameters include total petroleum hydrocarbons (TPHC), total Kjeldahl nitrogen (TKN), total organic halides (TOX), total dissolved solids (TDS), as well as nutrients like ammoniates (NH_3), nitrates (NO_3), nitrites (NO_2), and phosphates (PO_4). Sometimes corrosion/encrustation parameters (such as pH, Langlier Index, H_2S, hardness, silica, and alkalinity) also are measured.

trilinear diagrams

See **hydrochemical facies.**

trip blank

A control sample used to ensure that contamination of samples did not occur during shipment.

TSS

See **total suspended solids.**

turbulent head losses

See **non-linear head losses.**

unconfined aquifer

An unconfined aquifer is an aquifer where the water table is exposed to the atmosphere through openings in the overlying materials.

Unified Soil Classification System

The Unified Soil Classification System (USCS) was developed by Casagrande (1948) but has been adopted and modified by several organizations. This system permits easy classification of soils based primarily on grain size and soil plasticity; soils in any givan class exhibit similar characteristics and properties. Classifications are denoted by letter codes and include (among many others) clay (CL), sandy gravel (GP), gravel (GM), silt (ML), silty sand (SM), and clean sand (SP).

United States Environmental Protection Agency	The United States Environmental Protection Agency (USEPA, or simply EPA) is the federal agency charged with protection of all aspects of the environment.
United States Geological Survey	The United States Geological Survey (USGS) is the federal agency responsible for mapping and studying the land and geology of the United States.
uppermost aquifer	As defined in the Order, the uppermost aquifer is the geological formation nearest the natural ground surface that is an aquifer, as well as lower aquifers that are hydraulically interconnected with this aquifer.
upstream reach	The upstream reach is the segment (or "reach") of the Pawtuxet River that is upstream of the facility but is being studied as part of the Facility Investigation. Essentially, findings in the upstream reach may be regarded to reflect background conditions.
USCS	See **Unified Soil Classification System.**
USEPA	See **United States Environmental Protection Agency.**
USGS	See **United States Geological Survey.**
USGS mid-section method	The mid-section method was developed by the USGS for discharge surveys. In general, the distance along a transect is divided into *n* sections, and the mid-point of each section is the point at which measurements (e.g., of flow) are taken. This method of surveying discharge has been shown to give accurate results. The discharge survey conducted in the Phase I hydrological investigation used the USGS mid-section method.
varves	Laminations caused by the seasonal deposition of sediments in a body of still water (e.g., a glacial lake). Unconsolidated deposits containing such laminations are said to be "varved".
VOA	See **Appendix IX Volatile Organic Analysis.**
VOC	See **volatile organic compound.**
VOH	See **volatile organic hydrocarbon.**
Volatile Organic Analysis	See **Appendix IX Volatile Organic Analysis.**
volatile organic compound	A volatile organic compound (VOC) is a category of compounds which (characteristically) boil at a very low temperature and are amenable to purge and trap analysis. Some examples of VOCs are acetone, benzene, methylene chloride, toluene, and vinyl chloride.
volatile organic hydrocarbon	A volatile organic hydrocarbon (VOH) is a category of compounds very similar to VOCs except, in general, VOH molecules contain only carbon, hydrogen, and oxygen atoms. Some examples of VOHs include hexane, pentane, and the alkanes and alkenes (more generally). VOHs also include gasoline, fuel oils, and diesel fuels.

Waste Water Pipeline Break — Warwick Area	See **SWMU-9.**
Waste Water Pipeline Break — Waste Water Treatment Area	See **SWMU-10.**
Waste Water Treatment Plant	See **SWMU-12.**
water discharge monitoring	See **water discharge survey.**
water discharge survey	As part of the Phase I hydrological investigation, a water discharge survey of the Pawtuxet River was conducted using the USGS mid-section method to determine the water flow volume in the river under two discharge events.
water fleas	See ***Ceriodaphnia dubia.***
water level recovery test	A water level recovery test is a hydrogeological method used to determine the transmissivity of an aquifer (across the screened interval of a well penetrating the aquifer) by measuring the time it takes for the water level in the well to recover to a baseline (i.e., stable or "normal") level after pumping.
Water Quality Standards	As defined in the Order, Water Quality Standards are provisions of State or Federal law which consist of a designated use or uses for the waters of the United States and water quality criteria for such waters based on such uses. Water Quality Standards are established to protect the public health or welfare, enhance the quality of water, and serve the purposes of the Act.
WCC	See **Woodward-Clyde Consultants.**
well efficiency	Essentially, the efficiency of a well is simply an index of the amount of losses from the well during its discharge. For example, a well that loses only 10% of its head during discharge is much more efficient than one that loses 40%. Efficiency is used to indicate whether a well is suitable for long-term pumping and recovery — the more efficient the well, the more suitable it is as a recovery well (all other things being equal). The concepts underlying, and the calculation of, well efficiencies are discussed in detail in Appendix K in this report.
well losses	Well losses are the portion of drawdown that is *not* attributable to aquifer losses. Well losses are divided into two components — linear (sometimes called "laminar") head losses and non-linear (sometimes called "turbulent") head losses. (See also **linear head losses** and **non-linear head losses.**)
Woodward-Clyde Consultants	Woodward-Clyde Consultants (WCC) is a division of the Woodward-Clyde Group — an international environmental and geosciences engineering and consulting enterprise.
Work Plan	See **RCRA Facility Investigation Proposal.**
Zinc Oxide/Soil Storage Pile	See **SWMU-6.**

zone of contamination

As defined in the Order, the zone of contamination means the three-dimensional extent of contamination that was produced or is being produced from a release of hazardous waste or hazardous constituents from solid waste management units and/or areas of concern. This zone includes solid waste management units and areas of concern and their associated contamination.

WOODWARD–CLYDE CONSULTANTS
CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING RC-3 **SHEET** 1 **OF** 2

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 14.0 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: ?	DATE STARTED: 7/8/93	DATE FINISHED: 7/8/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 42'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 21	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST ~7'	COMPL 24 HR
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 2" split spoon		INSPECTOR: I. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; broken concrete and brown SILT & f. GRAVEL		1	SS-1	1.33	8 15 44 R	10:05	0.9	0.8	10:08	Split obstruction at 1.5 ft; could not advance spoon any further
SP; loose brown f-m SAND & GRAVEL, some silt, moist, wood & broken concrete in spoon tip		3	SS-2	1	7 7 8 11	10:13	0.9	0.9	10:18	
SM; loose dk gray f-m SAND, some gravel, moist		5	SS-3	1.17	8 4 4 2	10:15	0.8	0.8	10:27	
SM (first 6"); loose brown silty f-m SAND & GRAVEL, with wood		7	SS-4	1.33	3 5 7 6	10:26	1.0	0.8		
SP (rest of spoon); loose dk gray m SAND & GRAVEL, with wood										
SP; loose dk gray m SAND & GRAVEL, with wood		9	SS-5	0.33	1 W 1 0		0.9	0.9	10:45	
SAA (first 10")		10								
ML (next 6"); soft lt. gray SILT, with occasional sandy seams		11	SS-6	1.67	3 3 9 11		1.0	0.9	10:48	10:43 0.8 ppm borehole 0.8 ppm breathing zone
GP (rest of spoon); loose dk gray f. GRAVEL & SAND		12								
SW; very loose dk gray m SAND, with trace f. gravel		13	SS-7	1.5	2 2 2 4		0.8	0.6	11:00	
SW; loose dk gray c. SAND, trace gravel		15	SS-8	1.25	4 3 3 4	10:50	0.9	0.9	11:09	
SW (first 12"); loose dk gray c. SAND		16								
SW (rest of spoon); loose lt. gray m-f SAND		17	SS-9	1.75	5 5 5 4	11:02	0.9	0.9	11:16	
SAA with frequent dk gray silt laminae		19	SS-10	1.25	5 7 7 9	11:38	0.8	0.8	11:41	

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LOG OF BORING RC-3 SHEET 2 OF 2

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU READINGS (PPM) SAMPLE	HNU READINGS (PPM) AMBIENT AIR	HNU READINGS (PPM) TIME	REMARKS
SW; loose lt. gray m-f SAND		21	SS-11	1.5	2 2 4 4	11:44	1.0 to 1.2	0.8	11:50	11:56 0.9 ppm borehole 0.8 ppm breathing zone
SAA		22 23	SS-12	2	4 5 6 7	11:52	0.9 to 1.0	0.9	11:58	
SAA (first 10"). SM (rest of spoon); loose lt. gray silty f. SAND		24 25 26	SS-13	1.42	– 2 5 7	12:04	1.1	1.0	12:08	
SM; loose lt. gray silty f. SAND		27 28	SS-14	1.25	– 3 4 5	13:36	0.8	0.7	13:40	
SM (first 6"); very loose lt. gray silty c. SAND SM (rest of spoon), very loose lt. gray silty m-f SAND		29 30	SS-15	1.58	W – 2 2	13:42	1.5	1.4	13:48	
SM; very loose lt. gray silty m-f SAND		31 32	SS-16	2	– – 2 3	13:49	1.5	1.3	13:57	
SAA (first 16") ML (rest of spoon); soft lt. gray SILT, trace f. sand		33 34	SS-17	2	W 3 4 3	14:00	1.3	1.1	14:04	14:02 1.3 ppm borehole 1.2 ppm breathing zone
SW (first 14"); very loose lt. gray m. SAND, with frequent orangish-brown m. sandy seams SP (rest of spoon); very loose lt. gray silty f. SAND		35 36	SS-18	2	– – 3 5	14:08	1.2	1.1	14:13	
SP (first 15"); very loose lt. gray silty f. SAND SW (rest of spoon); very loose lt. gray m. SAND, with frequent orangish-brown m. sandy seams		37 38	SS-19	2	2 – 3 3	14:54	1.0	0.9	14:59	
SP (first 15"); loose lt. gray silty f. SAND ML (next 5"); med. stiff dk. gray SILT stiff TILL (rest of spoon)		39 40	SS-20	1.67	4 8 15 18	15:03	0.9	0.8	15:08	Drilled to 40'; spooned to 42'
stiff TILL		41 42 43 44	SS-21	2	9 21 11 15	15:18	0.9	0.8	15:21	16:03 0.7 ppm borehole 0.5 ppm breathing zone

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LOG OF BORING RC-5 **SHEET** 1 **OF** 3

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 12.9 MSL	PROJECT NO.: 87X4666
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/7/93	DATE FINISHED: 7/7/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 50'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 26	UNDIST NA / CORE NA
CASING: NA		WATER LEVEL: FIRST ~5'	COMPL / 24 HR
CASING HAMMER: NA	WEIGHT: NA / DROP: NA	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: 2" split spoon		INSPECTOR: J. M. Ruckert	
SAMPLER HAMMER	WEIGHT: 140 lb / DROP: 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
FILL; broken concrete and fill; large stones in spoon tip		1	SS-1	1.0	10 20 31 9	08:43	1.2	1.4	08:45	Hit refusal after 2 ft; relocated
SM; loose brown silty SAND; some gravel, moist, black stained soil in spoon tip		3	SS-2	0.83	8 7 5 3	09:07	1.8	1.4	09:10	09:07 1.4 ppm in hole 1.4 ppm breathing zone
GM; very loose dk gray silty GRAVEL, some sand, wet		5	SS-3	1	1 - 1 0	09:09	1.6	1.4	09:12	
SAA ML (last 3"); very soft dk. gray SILT		7	SS-4	1	1 - W - W	09:22	1.4 to 4.8	1.2	09:26	
GM (top 5"); very loose dk. gray silty GRAVEL; some sand ML (rest of sp.); soft brown SILT, with root fragments		9	SS-5	2	1 W 2	09:29	1.4	1.2	09:45	09:31 4.1 ppm in hole 1.4 ppm breathing zone
SAA (top 11") ML (rest of sp.); soft brown SILT with frequent sandy seams		11	SS-6	2	1 - 1 - 1		1.6 to 5.6	0.9	09:55	
ML; soft brown SILT with frequent sandy seams		13	SS-7	0.67	W - 1 0	09:47	3.8	0.9	10:07	09:59 4-18 ppm in hole 1.2 ppm breathing zone
SAA (top 6") GM (next 6"); loose dk gray SAND & GRAVEL; some silt CL (rest of sp.); soft lt. gray silty CLAY		15	SS-8	1.67	2 3 3 5		2.4	0.8	10:12	
CL; soft lt. gray silty CLAY		17	SS-9	2	3 4 4 3	10:26	1.1	0.9	10:37	
SAA		19	SS-10	1.5	11 5 9 8	10:33	0.9	0.9	10:43	

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LOG OF BORING RC-5 SHEET 2 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV. FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU READINGS (PPM) SAMPLE	HNU READINGS (PPM) AMBIENT AIR	HNU READINGS (PPM) TIME	REMARKS
CL (top 7"); soft lt. gray silty CLAY, some gravel		21								
CL (rest of sp.); med. stiff lt. gray silty CLAY			SS-11	1.58	1-4-6	10:37	0.9	0.8	10:50	
CL; med. stiff lt. gray silty CLAY		22								
		23	SS-12	0.92	4-4-5	10:49	0.8	0.8	10:59	
SC; loose lt. gray silty f SAND		24								
		25	SS-13	2	3-4-4	10:58	1.0	0.8	11:07	11:06 4.8 to 9.4 ppm borehole 0.5 ppm breathing zone
SAA (top 10")		26								
CL (rest of sp.); med stiff lt. gray silty CLAY		27	SS-14	1.75	3-4-6	11:34	1.2	1.0		11:29 0.4-1.4 ppm borehole 0.8 ppm breathing zone
		28								
ML; stiff lt. gray clayey SILT		29	SS-15	1.42	8-8-6	11:42	0.9	0.4	11:48	
SC; loose lt. gray silty m-f SAND		30								
		31	SS-16	1.33	3-3-4	11:46	0.9	0.4	11:54	
SP; very loose lt. gray c-m SAND; trace gravel		32								
		33	SS-17	0.75	1-2-5	11:55	1.0	1.0	12:01	
SAA (first 5")		34								
GP (rest of sp.); loose lt. gray c. GRAVEL, some c-m sand		35	SS-18	1.42	13-10-18	12:02	0.7	0.6	12:10	
SP; med. dense lt. gray c-m SAND; minor gravel		36								
		37	SS-19	0.42	20-25-17	16:11	1.3	1.2	16:17	
SP (top 7"); loose lt. gray SAND & GRAVEL		38								
SW (rest of sp.); loose lt. gray m. SAND		39	SS-20	1.25	8-6-6	16:22	0.9	0.6	16:26	
SW (first 12"); loose lt. gray m. SAND		40								
SW (rest of sp.); very loose lt. gray f. SAND		41	SS-21	2	1-2-3	16:30	0.8	0.7		16:41 1.0 ppm borehole 0.7 ppm breathing zone
SW (first 12"); very loose lt. gray f. SAND		42								
ML (rest of sp.); very soft lt. gray SILT; trace f. SAND		43	SS-22	1.67	W-W-1	16:38	0.6	0.6	16:52	
		44								

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LOG OF BORING RC-5 SHEET 3 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU READINGS (PPM) SAMPLE	HNU READINGS (PPM) AMBIENT AIR	HNU READINGS (PPM) TIME	REMARKS
SAA		46	SS-23	2	WH-S	16:50	1.0	0.5	17:04	
ML (first 14"); soft dk gray SILT										
CL (rest of sp.); soft lt. gray silty CLAY		47	SS-24	2	WW 2 2	16:59	0.8	0.7	17:13	
CL (first 12"); soft lt. gray silty CLAY		48								
ML (next 7"); med. stiff dk. gray SILT; trace f. gravel		49	SS-25	2	WH 10 50	17:08	0.9	0.4	17:24	Drilled to 50'; spooned to 51'3"
Hard TILL (rest of sp.)		50								
Hard TILL		51	SS-26	1.25	10 40 50/3"	17:34	1.0	0.5	17:42	17:48 2.0 ppm borehole 0.8 ppm breathing zone
		52								17:56 2.0 ppm borehole 1.0 ppm breathing zone
		53								
		54								
		55								
		56								
		57								
		58								
		59								
		60								
		61								
		62								
		63								
		64								
		65								
		66								
		67								
		68								
		69								

LOG OF BORING MW-4D **SHEET** 1 **OF** 3

PROJECT AND LOCATION: Cibro-Grigy Cranston, Rhode Island		ELEVATION AND DATUM: 18.2 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 8/4/93	DATE FINISHED: 8/5/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 54'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 6 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 23	UNDIST: NA CORE: NA
CASING: NA		WATER LEVEL: FIRST ~6	COMPL: NA 24 HR: NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 2" split spoon		INSPECTOR: J. M. Richard	
SAMPLER HAMMER: WEIGHT 140 lbs	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV. FT	PENETA RESIST BL/6IN.	TIME	PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
TOPSOIL (first 5"); with wood fragments. SM (rest of spoon); med. dense lt. brown silty f.-m. SAND, trace f. gravel		1	SS-1	1.33	2 8 16 27	0859	0.4	0.3	0903	
SM (first 4"); loose black silty m. SAND SM (next 6"); med. dense lt. brown silty f. SAND, trace f. gravel SM (rest of spoon); med. dense orangish-brown silty m. SAND, some f. gravel		2 3 4	SS-2	1.17	7 15 16 27	0912	0.3	0.0	0917	
BROKEN CONCRETE (first 4") SM (rest of spoon); loose orangish-brown silty m.-c. SAND, some f. gravel		5 6	SS-3	1	12 8 8 14	0922	0.3	0.0	0928	
SP; med. dense orangish-brown m.-c. SAND, some f. gravel		7 8	SS-4	1.17	4 11 12 9	0930	0.3	0.4	0937	
SAA (first 4") ML & SM (rest of spoon); med. stiff lt. gray varved SILT & loose f. SAND		9 10	SS-5	1.42	9 5 7 7	0936	0.4	0.4	0948	
ML & SM; med. stiff lt. gray varved SILT & loose f. SAND		11 12	SS-6	1.25	6 5 5 7	0941	0.4	0.4	0959	
SAA (first 4") SP; loose lt. gray m.-c. SAND, some silt, trace f. gravel		13 14	SS-7	1.5	5 6 6 7	0948	0.5	0.4	1006	
ML & SM (first 6"); med. stiff lt. gray varved SILT & loose f. SAND SP (next 5"); loose lt. gray m. SAND, trace c. ML & SM (rest of spoon); med. stiff lt. gray varved SILT & loose f. SAND		15 16	SS-8	1.58	11 6 5 6	0952	6.0	0.4	1012	
		17 18								- Drove HF-4D2 at 1010 - Retrieved at 1035
No Recovery		19	SS-10	0	3	1107				

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LOG OF BORING: MW-4D SHEET 2 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU READINGS (PPM) SAMPLE	HNU READINGS (PPM) AMBIENT AIR	HNU READINGS (PPM) TIME	REMARKS
SW; loose lt. gray m. SAND, some silt		21	SS-11	0.75	2 7 5 5	1115	1.0	0.6	1118	
SM (first 3"); v. loose lt. gray silty f. SAND		22								
SP (rest of spoon); loose lt. gray m.-c. SAND, some f. gravel		23	SS-12	1.17	2 5 7 9	1126	0.6	0.6	1130	
SP (first 3"); loose lt. gray m.-c. SAND, some f. gravel		24								
GP (rest 4"); loose lt. gray c. SAND & f. GRAVEL		25	SS-13	1	5 4 5 5	1133	0.8	0.6	1138	
SP (rest of spoon); loose orangish-brown m. SAND, some f. gravel		26								
		27								- Drove HP-4D3 at 1148 - Retrieved at 1306
SP (first 6"); loose lt. gray f.-m. SAND, trace f. gravel		28								
SP (rest of spoon); loose orangish-brown m.-c. SAND, some silt		29	SS-15	1.33	8 5 6 6	1319	0.7	0.6	1322	
SP; loose orangish-brown m.-c. SAND, trace f. gravel		30								
		31	SS-16	1	4 4 5 7	1325	0.7	0.6	1333	
SM (first 4"); loose lt. gray silty f.-m. SAND, trace f. gravel		32								
SM (next 6"); loose orangish-brown silty c. SAND & f. GRAVEL		33	SS-17	1.58	8 8 7 8	1336	0.6	0.6	1341	
SP (rest of spoon); loose orangish-brown f.-m. SAND		34								
SM (first 6"); loose lt. gray silty f. SAND, trace f. gravel		35	SS-18	1.67	6 7 9 9	1341	0.7	0.6	1351	
SW (rest of spoon); loose orangish-brown m. SAND, trace f. gravel		36								
		37								- Drove HP-4D4 at 1352 - Retrieved at 1415
SW (first 3"); loose orangish-brown m. SAND		38								
SW (rest of spoon); loose lt. gray f.-m. SAND, some silt		39	SS-20	1.5	4 4 4 4	1422	0.6	0.6	1425	
SW (first 6"); v. loose lt. gray f.-m. SAND, some silt		40								
SM (rest of spoon); loose dk. gray silty f. SAND		41	SS-21	1	W W - 2	1432	0.6	0.6	1435	
SW (first 6"); loose lt. gray f.-m. SAND, some silt		42								
ML (next 6"); med. stiff lt. gray SILT		43	SS-22	1.67	- - - 2	1445	0.6	0.6	1450	
SM (rest of spoon); med. dense lt. gray silty f. SAND		44								

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LOG OF BORING MW-4D

SHEET 3 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/BIN	SAMPLES: TIME	HNU READINGS (PPM): SAMPLE	HNU READINGS (PPM): AMBIENT AIR	HNU READINGS (PPM): TIME	REMARKS
SM (first 7"); med. dense lt. gray silty f. SAND ML (rest of spoon); stiff dk. gray SILT		46	SS-23	2	WW 5 4	1455	0.6	0.7	1500	
		47								- Drove HP-4D5 at 1510 - Retrieved at 1535; tight silt, no recovery
		48								
ML; stiff lt. gray SILT		49	SS-25	1.67	3 7 11 13	1547	0.6	0.5	1553	
		50								
ML; v. stiff lt. gray SILT		51	SS-26	1.67	5 9 13 14	1600	0.6	0.6	1612	- Drilled to 52'; spooned to 54'
		52								
SAA (first 5") hard TILL (rest of spoon)		53	SS-27	1.25	13 16 26 28	0843 8/5/93				- Backfilled with bentonite pellets to 50' and installed monitoring well
		54								
		55								
		56								
		57								
		58								
		59								
		60								
		61								
		62								
		63								
		64								
		65								
		66								
		67								
		68								
		69								

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LOG OF BORING MW-11D SHEET 1 OF 3

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island			87X4CG0
DRILLING AGENCY: Burlington Environmental	R. Doughty	7/22/93	7/28/93
DRILLING EQUIPMENT: CME-75		62'	NA
SIZE AND TYPE OF BIT: 6 1/4" I.D. HSA	NA	~21	NA / NA
CASING: NA		~5'	NA / NA
CASING HAMMER: WEIGHT NA	DROP NA	vertical	
SAMPLER: 2" split spoon		J. M. Reichart, K. Kinvit	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLER TYPE NO. LOC	SAMPLER RECOV. FT	SAMPLER PENETR. RESIST. BLOWS/FT.	TIME	CHEMICAL ANALYSES SAMPLE	CHEMICAL ANALYSES ANALYSIS I.D.	CHEMICAL ANALYSES TIMING	REMARKS
		1								HNU (5 ft)
		2								10 ppm borehole
		3								1.2 ppm breathing zone
		4								1.1 ppm ambient
		5								HNU (8 ft)
		6								4.8 ppm borehole
		7								1.2 ppm breathing zone
		8								1.1 ppm ambient
		9								- Drove HP-11D1 @ 10:40
		10								- Retrieved at 11:12
		11								
		12								
		13								
ML; soft dk. brown SILT, trace F. gravel, large piece of wood in spoon tip		14								
		15	SS-8	0.42	2 2 3 3	11:35	0.8	0.7	11:55	
SP; v. loose orangish-brown m.-c. SAND, some rounded F. gravel		16								
		17	SS-9	1.17	3 6 8 8	11:51	0.7	0.7	12:15	
		18								
		19								- Drove HP-11D2 @ 12:34. - Retrieved @ 14:00.

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LOG OF BORING MW-11D SHEET 2 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV. FT	SAMPLES PENETR. RESIST. BLOWS/FT.	SAMPLES TIME	MUD ROTARY DRILLING FLUID SAMPLE	MUD ROTARY DRILLING FLUID WT.	MUD ROTARY DRILLING FLUID TIME	REMARKS
ML; soft lt. gray SILT		21	SS-11	1.33	WOH-WOH-2	14:23	0.8	0.8	14:25	
SAA		22	SS-12	0.92	WOH-WOH-2	14:35	0.7	0.7	14:37	
ML; med. stiff lt. gray SILT		24	SS-13	1.5	WOH-2-4	14:42	0.7	0.6	14:44	
SAA		26	SS-14	1.42	2-3-4	14:52	0.7	0.7	14:55	
		28								- Drove HP-11D3 @ 15:00. - Retrieved @ 15:10.
ML; med. stiff lt. gray SILT		30	SS-16	1.25	WOH-3-4	15:51	0.7	0.7	15:54	
SM; v. loose lt. gray silty f. SAND		32	SS-17	0.33	WOH-2-3	16:06	0.7	0.7	16:10	
ML; stiff lt. gray SILT		34	SS-18	1.17	WOH-4-5	16:11	0.8	0.8	16:16	
ML; med. stiff lt. gray SILT		36	SS-19	1.42	WOH-4-5	16:30	0.8	0.8	16:33	
		38								- Drove HP-11D4 @ 16:38. - Retrieved @ 17:05.
CL; soft lt. gray CLAY		40	SS-21	1.83	WOH-WOH-1	17:00	0.2	0.2	17:01	
SAA		42	SS-22	1	WOH-WOH-1	17:22	0.2	0.2		
		44								

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LOG OF BORING MW-11D SHEET 3 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLE TYPE NO. LOC	RECOV. FT	PENETR. RESIST. BLOWS/FT	TIME	FIELD HEADSPACE (PPM) BASELINE	FIELD HEADSPACE (PPM) AMBIENT AIR	FIELD HEADSPACE (PPM) TIME	REMARKS
ML; soft lt. gray SILT, some m.-c. sand		46	SS-23	0.5	2 2 2 2	16:16				
SAA (first 14")										
ML (rest of spoon); stiff lt.-dk. gray SILT & CLAY		47	SS-24	1.83	2 3 3 4	16:30				
ML; stiff lt.-dk. gray SILT & CLAY		48	SS-25	2	1 4 5 7	16:40				
ML; stiff lt. gray SILT & CLAY, trace m. sand		50	SS-26		4 4 2 4	16:47				
CL; med. stiff lt. gray varved silty CLAY		51	SS-27	2	2 2 3 5	08:48 7-26-91	1.0	0.8	08:54	
SP (first 18"); med. dense lt. gray c. SAND & f. GRAVEL		53	SS-28	2	6 10 10 11	10:04	0.3	0.2	10:15	
SM (rest of spoon); med. dense lt. gray silty m. SAND, some f. gravel		54								
SW (first 10"); med. dense lt. gray m. SAND, some c. sand		55	SS-29	1.58	6 8 18 22	10:32	0.2	0.0	10:45	
SM (rest of spoon); med. dense lt. gray silty m.-c. SAND, some f. gravel		56								
SM; med. dense lt. gray silty m.-c. SAND		57	SS-30	1.17	18 22 19 21	10:52	0.0	0.2	11:02	
SW (first 12"); loose lt. gray m.-c. SAND		58	SS-31	2	18 19 39 38	11:12	0.0	0.2	11:14	TILL at 61'
HARD TILL (rest of spoon)		59								
		60								- Overdrilled to 63' due to sloughed material in augers; spooned to 62'.
		61								
		62								
		63								
		64								
		65								
		66								
		67								
		68								
		69								

LOG OF BORING MW-14D

SHEET 1 OF 3

Ciba-Geigy Cranston, Rhode Island		18.9 MSL	87X4660
Burlington Environmental	R. Doughty	8/8/93	8/11/93
CME-75		50'	NA
6 1/4" I.D. HSA	NA	20	NA / NA
CASING NA		~8'	NA / NA
CASING HAMMER	WEIGHT NA	DROP NA	vertical
SAMPLER 2" split spoon			
SAMPLER HAMMER	WEIGHT 140 lb.	DROP 30"	T. M. Richart

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BLOWS	TIME	GROUND WEIGHTS (ppm): SAMPLE	KNEIDER FIR	TIME	REMARKS
FILL; v. loose lt. brown silty m.-c. SAND & BROKEN CONCRETE; trace f. gravel		1	SS-1	0.33	5 4 5 8	0857	0.9	0.8	0900	
SM; v. loose lt. brown silty f.-m. SAND, trace f. gravel, moist		2 3	SS-2	1.33	5 8 8 7	0909	0.8	1.8	0912	
SM; v. loose dk. brown silty m. SAND, some f. gravel, moist		4 5	SS-3	0.5	5 2 1 2	0914	0.9	1.1	0921	
SM (first 8"); loose lt. brown silty f. SAND, trace f. gravel SP (rest of spoon); loose orangish brown m. SAND, some f. gravel, wet		6 7	SS-4	1.33	6 4 7 7	0920	1.8	0.8	0932	
SM; v. loose lt. brown silty m. SAND, trace c. sand & f. gravel & broken concrete		8 9	SS-5	0.17	9 6 5 6	0923	1.0	1.0	0940	0925 0.8 ppm borehole 0.6 ppm breathing zone
SM; v. loose lt. gray silty f. SAND		10 11	SS-6	1.42	2 2 5 3	0928	0.9	1.0	0945	0930 1.1 ppm borehole 0.9 ppm breathing zone
SM (first 4"); v. loose orangish-brown silty f. SAND, trace f. gravel ML & SW (rest of spoon); med. stiff lt. gray varved SILT & loose m. SAND		12 13	SS-7	1.83	2 3 3 4	0932	0.8	0.7	0955	
SM; v. loose orangish-brown silty f. SAND, some f. gravel		14 15	SS-8	0.33	1 2 4 5	0936	0.8	1.2	1014	
		16 17								- Drove HP-14D2 @ 0956 - Retrieved @ 1028; not enough H_2O
SW; v. loose lt. gray m. SAND, some silt		18 19	SS-10	0.66		1431	NR	NR		- Redrove HP-14D2 @ 1100 - Retrieved @ 1140; not enough H_2O

vaining

- Redrove HP-14D2 @ 1248
- Retrieved @ 1325; not enough H_2O

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LOG OF BORING MW-14D SHEET 2 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO.	SAMPLES RECOV. FT	SAMPLES PENETR. RESIST. BLOWS/FT.	SAMPLES TIME	HNU READINGS (ppm) BACKGROUND	HNU READINGS (ppm) BREATHING AIR	HNU READINGS (ppm) TIME	REMARKS
SAA (first 7")										
GM (next 6"); med. dense lt. gray silty F. GRAVEL & c. SAND		21	SS-11	1.5	25 25 7 9	1435	1.9	0.3	1446	
SP (rest of spoon); med. dense lt. gray F.-m. sand, some silt		22								
SM (first 15"); loose lt. gray silty f. SAND		23	SS-12	2	14 2 5 3	1450	0.1	<0.0	1503	
ML (next 6"); med. stiff lt. gray SILT, some m.-c. SAND		24								
SP (rest of spoon); v. loose lt. gray m.-c. SAND		25	SS-13	2	WW WW 1	1455	NR	NR	1510	
ML (first 12"); med. stiff lt. gray SILT, some f. sand		26								
SP (rest of spoon); med. dense lt. gray m.-c. SAND, some silt, trace f. gravel		27								- Drove HP-14D3 @ 1515 - Retrieved @ 1548
SM; v. loose lt. gray silty f. SAND		28	SS-15	0.75	1 WW 1	1601	NR	NR	1601	
SAA (first 9")		30								
SW (next 11"); v. loose lt. brown m. SAND, trace c. sand & f. gravel		31	SS-16	2	1 2 5 6	1609	NR	NR	1614	
ML (rest of spoon); med. stiff lt. brown SILT		32								
SW (first 6"); v. loose lt. brown m. SAND, trace c. sand		33	SS-17	1.42	1 2 2 3	1618	0.2	0.0	1623	
ML & SW (rest of spoon); med. stiff lt. brown mottled SILT & loose lt. SAND		34								
SP; v. loose lt. brown m.-c. SAND, some f.-c. gravel		35	SS-18	0.58	WW 1 5	1624	0.1	0.1	1631	
		36								
		37								- Drove HP-14D4 @ 1632 - Retrieved @ 1655; not enough H_2O
		38								
		39								- Redrove HP-14D4 @ 1650 - Retrieved @ 1715; tip not open
SM (first 7"); med. dense lt. gray silty F. SAND		40								
SM (rest of spoon); med. dense dk. gray silty F.-m. SAND		41	SS-21	1.67	6 5 4 7	1641 SS-20	2.1	1.7	1644	- Redrove HP-14D4 @ 1718 - Retrieved @ 1747; tip not open 8/7/93
SW (first 6"); loose dk. gray m.-c. SAND		42								
SW (rest of spoon); loose dk. gray m.-c. SAND & f. GRAVEL		43	SS-22	1.33	1 2 5 2	1654	3.2	2.6	1659	- Augered down & redrove HP-14D4 @ 0837 from 35' to 40'
		44								- Retrieved @ 0905; tip not open

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LOG OF BORING: MW-14D SHEET 3 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOG	SAMPLES: RECOV. FT	SAMPLES: PENETR. RESIST. BLR/FT.	SAMPLES: TIME	HEAD READINGS (ppm): SAMPLE	HEAD READINGS (ppm): AMBIENT AIR	HEAD READINGS (ppm): TIME	REMARKS
SW (first 5"); loose dk. gray m.-c. SAND & f. GRAVEL ML (rest of apron); med. stiff lt. gray SILT; trace f. sand - Drove HP-140S @ 1508. - Retrieved @ 1540; no H_2O due to tight SILT hard TILL (at 49')		46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69	SS-25	1.25'	XXXX	1502	2.9	1.3	1504	- Redrove HP-140 using HP-II from 38' to 40' @ 1352 on 8/11/93. - Retrieved @ 1413. 1550 60 ppm borehole 2.0 ppm breathing zone 1.5 ppm ambient - Upgrade to Level C PPE @ 1610 - Drilled to 49'; spooned to 50'. 1636 12 ppm borehole 1.6 ppm breathing zone 1.3 ppm ambient - Downgrade to Level D @ 1636 for well construction.
			SS-25	0.66	14 24 31 24	1617	1.3	1.3	1627	

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LOG OF BORING MW-2.5S (B12E) SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: —	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/26/93	DATE FINISHED: 7/26/93
DRILLING EQUIPMENT: CME 75 Hollow Stem augers		COMPLETION DEPTH: 20'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 8	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST ~ 9'	COMPL: — 24 HR: —
CASING HAMMER: —	WEIGHT: —	DROP: —	BORING ANGLE AND DIRECTION: Vertical
SAMPLER: Split spoon			INSPECTOR: C. Harwood
SAMPLER HAMMER:	WEIGHT: 140lb	DROP: 30"	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
14" Brown f-m SAND, some gravel, tr silt med. dense		1	SS-1	14"	42 27 12 9	1015	1ppm	1ppm	1020	B-12E1
18" Brown f-m SAND, tr gravel, tr silt (Concrete pieces), moist		3	SS-2	18"	3 8 8 13	1022	1ppm	1ppm	1035	B-12E2
18" Brown silty f SAND, tr f. gravel (some gravel bottom 4"), med-V. dense		5	SS-3	18"	5 14 35 33	1030	1ppm	1ppm	1050	B-12E3
17" Brown-dk gray f. SAND, med dense, moist roots at 6.5 ft.		7	SS-4	17"	2 2 1 2	1133	0.8ppm	0.8ppm	1135	B-12E 4
10" Brown-dk gray f SAND, moist 6" gray (light) sandy gravel, wet		9	SS-5	16"	2 1 9 10	1137	0.8ppm	0.8ppm	1145	B-12E 5
18" brown C-SAND, some f.-m gravel, wet		11	SS-6	18"	4 6 6 6	1145	0.8ppm	0.8ppm	1150	B-12E 6
4' b.f-m sand, runny, wet, tr C-sand 9" brown-gray sandy gravel 4" gray SILT, plastic, med dense moist		13	SS-7	17"	4 5 4 4	1155	0.8ppm	0.8ppm	1200	B-12E7
		14								no sample taken
6" gray SILT, Plastic, moist, med dense		16	SS-8	6"	2 2 2 2	1110	1ppm	1ppm	1115	B-12E 8
		17								
		18								
		19								

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LOG OF BORING MW-26S (B-5F) SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy, Cranston, Rhode Island		ELEVATION AND DATUM: 11.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/29/93	DATE FINISHED: 7/29/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 16'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 6¼" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: 8	UNDIST: NA CORE: NA
CASING: NA		WATER LEVEL: FIRST ~6'	COMPL: NA 24 HR: NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 2" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV. FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; loose lt. brown silty f. SAND, with pieces of broken brick & traces of f. gravel		1	SS-1	1.75	2 5 5 9	10:30	0.2	0.6	10:33	Field blank 2-4'
SM (first 5"); loose lt. brown silty f. SAND, some f. gravel		2								
SM (rest of spoon); loose lt. gray silty f.-m. SAND, some f. gravel		3	SS-2	1.05	8 11 10 5	10:52	0.9	0.9	10:57	Hit backfill (bulkhead around drain tile) had to relocate
SM (first 12"); loose orangish-brown silty f. SAND, wet		4								
SP (rest of spoon); loose orangish-brown m.-c. SAND, wet		5	SS-3	1.42	- - 2 1	11:17	1.7	1.3	11:23	
SW; v. loose orangish-brown m.-c. SAND, trace f. gravel		6								
		7	SS-4	2	- - 2 5	11:23				
SP; loose orangish-brown m.-c. SAND, some f. gravel		8								
		9	SS-5	0.83	- 3 2 1	11:27	0.7	0.6	11:34	
SP; loose orangish-brown m. SAND & f. GRAVEL		10								
		11	SS-6	0.83	W - - 2	11:41	0.5	0.5	11:44	
SW (first 12"), loose orangish-brown m.-c. SAND		12								
SP (rest of spoon); loose orangish-brown m.-c. SAND & f. GRAVEL		13	SS-7	1.67	2 2 5 5	11:53	0.4	0.3	11:57	
		14								
SP; loose orangish-brown m.-c. SAND & f. GRAVEL		15	SS-8	0.75	4 4 4 7	12:01	0.5	0.4	12:06	
		16								
		17								
		18								
		19								

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LOG OF BORING MW-27S / B-BGC SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 15.5 MSL	PROJECT NO.: 87X4ECO
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/21/93	DATE FINISHED: 7/21/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 18'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 6 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 9	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST ~7'	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 2" split spoon		INSPECTOR: J. M. Richard	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV. FT	PENETA RESIST BL/6IN.	TIME	MINI/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
FILL; med. stiff dk. brown SILT, some f. sand & f. gravel, large stone in spoon tip		1	SS-1	1	4 6 7 10	08:50	0.8	0.7	08:53	
SM (first 8"), loose orangish-brown silty f. SAND, some f. gravel		2	SS-2	1.58	4 4 8 13	08:58	0.7	0.7	09:01	
SM (rest of spoon); loose lt. brown silty f. SAND, trace f. gravel		3								
SM (first 6"); loose lt. brown silty f. SAND, trace f. gravel		4	SS-3	1.58	7 7 6 6	09:09	1.6	0.7	09:14	Appendix IX environmental sample.
ML (rest of spoon); med. stiff lt. gray SILT		5								
ML; med. stiff lt. gray SILT, with occasional dk. brown silty seams, wet		6	SS-4	1.5	3 4 4 4	09:20	1.8	1.8	09:32	
SAA (first 10")		7								
SM (rest of spoon); loose dk. brown silty c. SAND		8	SS-5	1.42	2 3 6 8	09:24	1.7	1.7	09:41	
SM (first 15"); med. dense orangish-brown silty c. SAND		9								
SM (rest of spoon); med. stiff orangish-brown silty f. SAND		10								
		11	SS-6	1.58	5 8 10 11	09:29	1.4	1.4	09:49	
No Recovery		12								
		13	SS-7	0	2 5 4 2	09:43	—	—	—	
SM (first 5"); v. loose orangish-brown silty c. SAND & f. GRAVEL		14								
ML (rest of spoon); stiff lt. gray SILT		15	SS-8	1.42	1 2 4 4	09:57	1.5	1.5	09:59	
		16								
ML; stiff lt. gray SILT		17	SS-9	1.33	3 4 4 [illegible]	10:06	1.4	1.4	10:15	
		18								
		19								

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LOG OF BORING MW-32S **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 15.3 MSL	PROJECT NO.: 87x1660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/22/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME 75 Hollow stem augers		COMPLETION DEPTH: 17'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: NA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 8	UNDIST: — CORE: —
CASING: NA		WATER LEVEL: FIRST ~7 ft	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
7" concrete 2" Brown f. SAND, tr gravel 7" lt brown-orange m-c SAND, tr gravel + silt		0–2	SS-1	16"	2 2 5 4	0923	7.9ppm	0.2ppm	0914	
12" dk brown f. SAND, tr gravel, moist		2–4	SS-2	12"	2 2 2 3	0915	0ppm	0.2ppm	0917	
2" dk brown f. SAND, tr gravel, moist 13" brown-orange c-m SAND, tr gravel, moist		4–6	SS-3	15"	4 7 11 12	0922	0ppm	0ppm	0925	
no recovery rock in tip		6–8	SS-4	NR	3 8 12 16	0932	—	—	—	wet center plug
no recovery wet spoon basket destroyed (going through gravel layer?)		8–10	SS-5	NR	5 10 9 9	0940	—	0ppm	0945	added water
18" brown-orange f-c SAND, fining downward, tr. gravel, tr. silt		10–12	SS-6	18"	3 4 7 18	0950	0ppm	0ppm	0957	
10" brown-orange c-m SAND, tr gravel pocked w/ black 16" gray varved f. SAND and silt, clay		12–14	SS-7	16"	11 21 11 11	1005		0ppm	1010	
5" wash? rust/black gravel and sand 14" gray f. SAND and silt		14–16	SS-8	19"	4 6 7 7	1015	0.4ppm	0ppm	1020	
set well at 17'		16–19								

LOG OF BORING MW-34D SHEET 1 OF 3

Cliff Geigy Cranston, Rhode Island		16.6 MSL	87X4CGO
Burlington Environmental	R. Doughty	8/20/93	8/21/93
CME-75		56'	NA
6¼" I.D. HSA	NA	2C / ~8'	NA / NA
CASING NA			NA / NA
CASING HAMMER WEIGHT NA	DROP NA	vertical	
SAMPLER 2" split spoon		J. M. Richart	
SAMPLER HAMMER WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE & NO.	SAMPLES RECOV. FT	SAMPLES PENETR. RESIST. BLOWS/FT	SAMPLES TIME	HNU READINGS (ppm) SAMPLE	HNU READINGS (ppm) HEADSPACE 1 HR.	HNU READINGS (ppm) TIME	REMARKS
SM; loose lt. brown silty m. SAND, some f. gravel		1	SS-1	0.92	4 / 36/5"	0838	0.0	0.0	0841	HNU probably not responding
BROKEN CONCRETE (first 7") SM (rest of spoon); loose lt. brown silty m. SAND, with broken concrete, some f.-c. gravel		2 3 4	SS-2	1.75	14 / 32 / 31 / 44	0845	0.1	1.0	0858	- Had to relocate 3 times before boring could be advanced.
SAA with fragments of gneiss in spoon tip		5 6	SS-3	0.83	11 / 14 / 4"	0850	NR	NR	0854	- Refusal at 5 ft. and 6 ft.
BROKEN CONCRETE (first 5") SM (rest of spoon); loose dk. gray silty m.-c. SAND & f. GRAVEL, last 4" of spoon wet		7 8	SS-4	1.25	14 / 6 / 4 / 8	1048	NR	NR		HNU not responding.
SAA (first 6") ML (rest of spoon); stiff lt. gray SILT		9 10	SS-5	1.58	7 / 5 / 4 / 5	1057	NR	NR	1101	
SM (first 6"); loose dk. gray silty m.-c. SAND & f. GRAVEL		11	SS-6	1	9 / 5 / 2 / 3	1102	NR	NR	1106	
ML & SM (rest of spoon); soft lt. gray varved SILT & loose silty f. SAND		12								
ML & SM; soft lt. gray varved SILT & loose silty f. SAND		13 14	SS-7	1.08	2 / 2 / 3 / 2	1108	NR	NR	1112	
SM (first 4"); loose lt. gray f.-m. SAND, trace c. sand & f. gravel ML & SM (rest of spoon); med. stiff lt. gray varved SILT & loose silty f. SAND, sand seams saturated with suspected DENSE NAPL (hereafter DT)		15 16	SS-8	2	3 / WW / W	1112	NR	NR	1123	Visible product noted.
ML & SM (first 6"); SAA SM (next ¼"); loose lt. gray silty f. SAND, saturated with suspected DT ML (rest of spoon); med. stiff lt. gray SILT		17 18	SS-9	1.42	2 / 1 / 2	1118	NR	NR	1127	Visible product noted.
ML (first 4"); med. stiff lt. gray SILT SM (next ¼"); loose lt. gray silty f. SAND, saturated with suspected DT		19	SS-10	1.58	2 / 1 / 1	1151	NR	NR	1204	SAA
ML (rest of spoon); med. stiff lt. gray SILT										

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LOG OF BORING MW-34D SHEET 7 OF 7

DESCRIPTION	RECORDER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV. FT	SAMPLES PENETR. RESIST. BLOWS/FT	SAMPLES TIME	HNU READINGS (ppm) SAMPLE	HNU READINGS (ppm) AMBIENT AIR	HNU READINGS (ppm) TIME	REMARKS
ML (first 3"); soft lt. gray SILT FRACTURE in SILT, saturated with suspected DT ML (rest of spoon); med. stiff lt. gray SILT		21 22	SS-11	0.67	WWW 1 2	1158	NR	NR	1210	Visible product noted.
ML; med. stiff lt. gray SILT		23	SS-12	0.83	WWW 2 2	1201	NR	NR	1218	No visible product noted.
SAA (first 4") SM (next 3"); v. loose lt. gray silty f. SAND, saturated with suspected DT ML (rest of spoon); med. stiff lt. gray SILT		24 25 26	SS-13	2	WWW 1 2	1207	NR	NR	1223	Visible product noted.
ML (first 2"); soft lt. gray SILT SM (next 3/4"); v. loose lt. gray silty f.-m. SAND, saturated with suspected DT ML & SM (rest of spoon); med. stiff lt. gray varved SILT & loose silty f. SAND		27 28	SS-14	1.5	WWW 2 2	1217	NR	NR	1231	SAA
ML (first 2"); soft lt. gray SILT GP (rest of spoon); v. loose lt. gray f. GRAVEL, some c. sand, saturated with DT		29 30	SS-15	0.42	4 5 9	1222	NR	NR	1240	SAA
GP (first 4"); SAA, no DT ML & SM (next 6"); soft lt. gray varved SILT & loose silty f. SAND ML (rest of spoon); soft lt. brown SILT		31 32	SS-16	1.08	4 W W	1227	NR	NR	1251	No visible product noted.
ML; soft lt. brown SILT		33	SS-17	1	1 W W	1235	NR	NR	1256	
SM; v. loose lt. brown silty f. SAND		35	SS-18	0.67	W 1 2	1245	NR	NR	1259	
ML (first 15"); v. soft lt. gray SILT, trace f. sand ML & SM (rest of spoon); med. stiff lt. brown varved SILT & loose f.-m. SAND		37 38	SS-19	2	2 1 1	1256	NR	NR	1308	
		39 40								- Drove HP-3404 @ 1310. - Retrieved @ 1317.
ML (first 18"); soft lt. gray SILT SM (rest of spoon); loose lt. gray silty f. SAND		41	SS-21	2	4 2 1	1440	NR	NR	1445	
ML; soft lt.-dk. gray SILT, trace f.-m. sand		43 44	SS-22	1.5		1451	NR	NR	1456	

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LOG OF BORING MW-34D SHEET 3 OF 3

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV. FT	SAMPLES: PENETR. RESIST. BLOWS/IN	SAMPLES: TIME	HNU READINGS: SAMPLE	HNU READINGS: AMBIENT AIR	HNU READINGS: TIME	REMARKS
SM (first 8"); v. loose lt. gray silty f.-m. SAND ML (rest of spoon); soft lt. gray SILT		46	SS-23	1.67	W W 1	1457	NR	NR	1503	
ML; soft lt.-dk. gray SILT		47	SS-24	1.58	W W W 2	1506	NR	NR	1509	
		48								- Drove HP-34D5 @ 1512. - Retrieved @ 1541; no H_2O due to SILT
		49								
ML (first 16"); v. soft lt. gray SILT, some f. sand ML (rest of spoon); med. stiff lt. gray SILT		50	SS-26	2	7 10 11 12	1538	NR	NR	1604	
ML; v. stiff lt.-dk. gray SILT		52	SS-27	1.5	4 16 11 15	1613	NR	NR	1617	
ML (first 16"); v. stiff lt.-dk. gray SILT HARD TILL (rest of spoon)		54	SS-28	1.67	5 9 8 14	1623	NR	NR	1630	TILL at 56'.
		56								- Drilled to 54'; spooned to 56'. - Backfilled boring to 50' with bentonite pellets & installed monitoring well.
		57								
		58								
		59								
		60								
		61								
		62								
		63								
		64								
		65								
		66								
		67								
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		70								

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LOG OF BORING B-BGA (MW-35S) **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Cibo - Seigy Cranston RI		ELEVATION AND DATUM: 22.6 MSL	PROJECT NO.: [illegible]
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/27/93	DATE FINISHED: 7/27/93
DRILLING EQUIPMENT: CME 75 Hollow Stem augers		COMPLETION DEPTH: 18'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 8	UNDIST — CORE —
CASING: —		WATER LEVEL: FIRST ~10'	COMPL — 24 HR —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: split spoon			
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"	INSPECTOR: C. Harwood	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
12" fill f-c SAND, tr gravel 3.5" Brown-yellow f. SAND and SILT v. dense, dry		1	SS-1	15.5"	7 11 14 15	1625	rain/damp			B-BGA1 1630
14" brown f. SAND, tr silt and 3 layers f. gravel (1-2" thick) 2" dk brown sandy SILT, loose		2 3	SS-2	16"	5 8 8 9	1635				B-BGA2 1640
3" dk brown sandy SILT, loose some f. gravel 13" lt. brown f-m SAND, [illegible] in bottom 2 layers, tr silt		4 5	SS-3	16"	2 5 7 11	1642				B-BGA3 1645
No sample (over drilled)		6 7		—	/	/				B-BGA4
20" brown-orange f-m SAND, tr c. sand and gravel, v. moist		8 9	SS-5	20"	7 7 8 8	1700				B-BGA5 1705
16" brown-orange f-m SAND, tr c. sand and gravel, wet 8" brown f-m sand, wet		10 11	SS-6	24"	1 3 4 4	1710				B-BGA6 1712
20" brown-gray f-m SAND, tr. c. sand, wet		12 13	SS-7	20"	1 4 6 5	1715				added water B-BGA7 1720
16" brown-gray f-m SAND, tr c. sand wet		14 15	SS-8	16"	2 4 4 3	1722				B-BGA8 1725
22" brown-gray f-m SAND, wet		16 17	SS-9	22"	3 3 5 6	1735				B-BGA9 1735
		18 19								

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LOG OF BORING B-BGB

SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Crompton RI		ELEVATION AND DATUM: NO SURVEY DATA	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME 75 Hollow Stem augers		COMPLETION DEPTH: 14'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 2	UNDIST — CORE —
CASING: —		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: [illegible]		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 120 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
		1								
		2								
		3								
		4								
		5								
		6								
		7								
		8								
		9								
b[illegible] f-m SAND, Sl. moist		10								
		11	SS-1		5 5 7 7	1222	—	—	—	
[illegible] f-m SAND, moist→v. moist		12								
		13	SS-2		5 4 5 4	1227	—	—	—	B-BGB 7 1235
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-2E **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 19.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Pendington Environmental	FOREMAN:	DATE STARTED: 7/9/93	DATE FINISHED: 7/9/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
FILL; dense lt. brown m. SAND & GRAVEL, with silt		1	SS-1	2	12 73 53 32	13:11	0.5	0.5	13:16	
SP; med. dense lt. brown m. SAND & GRAVEL		3	SS-2	1.42	8 13 11 13	13:26	1.1	1.0	13:30	
SP; med dense mottled brown m. SAND, some c. GRAVEL		5	SS-3	1.83	9 17 30 39	13:32	1.1	0.9	13:36	Drilled to 6'; spooned to 8'
SP; med. dense mottled brown m. SAND & f. GRAVEL		7	SS-4	2	27 21 17 13	13:46	1.3	1.0	13:48	Boring grouted to surface
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-2F SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 19.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/9/93	DATE FINISHED: 7/9/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J M Richard	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
FILL; dense lt. brown m. SAND & c. GRAVEL, with silt & pieces of brown brick		1	SS-1	2	24 23 23 18	14:11	1.2	1.0	14:14	
SM (first 6"); med. dense lt. brown silty m. SAND & f. GRAVEL		2								
SP (rest 7"); med. dense lt. gray c. SAND & f. GRAVEL		3	SS-2	1.67	13 18 21 30	14:21	1.3	1.3	14:24	
SP (rest of spoon); med. dense dk. brown m. SAND & c. GRAVEL		4								
SM; med. dense orangish brown silty m.-f. SAND & f. GRAVEL		5	SS-3	1.67	16 22 21 19	14:28	1.3	1.1	14:31	Drilled to 6'; spooned to 8'.
SM (first 8"); med. dense dk. brown silty f. SAND, some f. gravel		6								
SP (rest of spoon); loose lt. gray c. SAND & f. GRAVEL		7	SS-4	1.75	14 12 13 16	14:35	1.7	1.0	14:39	Boring was grouted to surface
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-2G **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 19.8 MSL	PROJECT NO.: 87X4655
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/9/93	DATE FINISHED: 7/9/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J M Reichart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV. FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
FILL; broken brick & concrete		1	SS-1	1.67	35 15 8 114 39	15:18	1.5	1.0	15:23	
ML (first 7"); soft orangish-brown SILT, some f. gravel; trace f. sand		2	SS-2	1.75	20 30 12 16	15:32	1.5	1.4	15:36	
BROKEN CONCRETE (rest of spoon)		3								
SP (first 5"); med. dense lt. gray c-m. SAND & f. GRAVEL		4								
SP (rest of spoon); med. dense orangish-brown c. SAND & c. GRAVEL		5	SS-3	1.67	12 10 13 11	15:44	1.5	1.3	15:47	Drilled to 6'; spooned to 8'
ML (first 8"); med. stiff lt. brown SILT, some f. SAND & f. GRAVEL		6								
SP (rest of spoon); brown lt. gray f. SAND, some c-f. gravel		7	SS-4	1.67	8 9 9 14	15:44	1.8	1.1	15:58	Boring was grouted to surface
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-3E SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 19.6 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/12/93	DATE FINISHED: 7/12/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; med. dense lt. brown m. SAND & c. GRAVEL		1	SS-1	1.42	4 16 13 14	12:19	2.0	1.5	12:30	
SP; loose lt. brown m. SAND, some f. gravel		2 3 4	SS-2	1.42	10 10 11 13	12:27	2.1	1.7	12:52	
SP (first 9"); med. dense orangish-brown m.-c. SAND, some f. gravel SP (next 8"); med. dense lt. brown m-c. SAND & c. GRAVEL ML (rest of spoon); stiff dk. brown SILT; some f. sand		5 6	SS-3	1.58	15 12 11 12	12:39	1.4	2.1	13:11	Drilled to 6'; spooned to 8'
SP (first 5"); med. dense lt. brown m. SAND, some f. gravel ML (next 4"); stiff dk. gray SILT SP (rest of spoon); med. dense lt. brown f.-m. SAND & well rounded c. GRAVEL		7 8	SS-4	1.5	18 22 17 15	12:44	240	2.1		Boring was grouted to surface
		9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-3F SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston Rhode Island		ELEVATION AND DATUM: 20.1 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/12/93	DATE FINISHED: 7/12/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH:
SIZE AND TYPE OF BIT: 4 1/4" I.D HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA / CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA / 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Reichart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV. FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; med. dense lt. brown silty m.-f. SAND, some c. gravel		1	SS-1	1.5	25 13 20 15	16:56	2.0	1.9	17:02	
SP; loose orangish-brown c.-m. SAND & f. GRAVEL		2 3	SS-2	1.67	9 8 12 10	17:04	1.1	1.1	17:12	
SP; med. dense orangish-brown c.-m. SAND & c.-f. GRAVEL		4 5	SS-3	1.58	13 16 24 21	17:11	0.7	0.6	17:23	Drilled to 6'; spooned to 8'
SAA		6 7 8	SS-4	1.75	25 37 48 40	17:22	0.4	0.5	17:35	Boring was grouted to surface
		9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-3G SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy, Cranston, Rhode Island		ELEVATION AND DATUM: 20-1 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/12/93	DATE FINISHED: 7/12/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 4'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	UNDIST NA, CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA, 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Pinchart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; med. dense brown silty m. SAND & f. GRAVEL		1	SS-1	1.33	12 22 24 18	10:09	1.8	0.8	10:32	Drilled to 2'; spooned to 4'
FILL; med. dense brown silty m. SAND & c.-f. GRAVEL		3	SS-2	1.33	6 15 16 12	10:41	1.4	0.9	10:51	Boring was grouted to surface
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-3H SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 19.7 MSL	PROJECT NO.: 87X4EEO
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/12/93	DATE FINISHED: 7/12/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Reichart	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
BROKEN CONCRETE (first 12")		0								
GM (rest of spoon); stiff dk. brown SILT & c. GRAVEL		1	SS-1	1.83	54 43 19 22	17:38	0.4	0.6	17:47	
SP (first 10"); med. dense orangish-brown m. SAND & c. GRAVEL		2								
SW (rest of spoon); med. dense orangish-brown f. SAND		3	SS-2	1.42	12 13 13 24	17:51	0.8	0.5	17:55	
SM; dense orangish-brown silty m.-c. SAND & f.-c. GRAVEL		4								
		5	SS-3	1.58	21 33 20 22		38	0.6	18:07	Drilled to 6'; spooned to 8'
SM (first 12"); med. dense lt. brown silty m. SAND & f. GRAVEL		6								
ML (rest of spoon); very diff dk. brown SILT, some c. GRAVEL		7	SS-4	1.58	21 17 19 22	18:13	130	0.7	18:23	
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-3I SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 19.6 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/13/93	DATE FINISHED: 7/13/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 14'	ROCK DEPTH:
SIZE AND TYPE OF BIT: 4¼" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST 1 CORE NA
CASING: NA		WATER LEVEL: FIRST ~7'	COMP. NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL (first 12"); loose lt. brown silty f. SAND, some f. gravel ASPHALT (rest of spoon)		1	SS-1	1.42	9 27 26 20	09:23	NR	NR		HNU not responding
SM; loose brown silty f. SAND & f. GRAVEL		3	SS-2	1.5	11 9 8 9	09:36	NR	NR	09:42	
SAA		5	SS-3	1.83	9 8 7 6	09:37	NR	NR	09:56	
SM; med. dense dk. brown silty f. SAND, some f. gravel		7	SS-4	0.75	45 100 3"	09:53	0.7	0.6	10:12	
		8								
		9								
		10								
		11								- Drove HP-B3I1 at 11:00 - Retrieved sample at 11:30. Not enough H_2O
		12								
		13								- Drove HP-B3I2 at 11:35 - Retrieved at 12:05
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-5A SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 12.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 4'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE BORE BARREL: NA	NO. SAMPLES: 2	UNDIST: NA CORE: NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL: NA HRS: NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BLS/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
SM (first 9"); loose lt. brown silty f. SAND, some f. gravel COMPACTED ASHES & CHARRED WOOD (rest of spoon)		1	SS-1	1.58	2 7 11 11	18:42	NR	NR	18:59	HNU not responding
SM (first 17"); loose lt. brown silty f. SAND, some f. gravel COMPACTED ASHES & CHARRED WOOD (rest of spoon)		3	SS-2	1.83	10 8 7 7	18:54	NR	NR	19:04	Field blank 2-4'
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-5B SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 11.4 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 4'	ROCK DEPTH: NA
SIZE AND TYPE OF B.I.: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	WEIGHT NA COHS NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; loose silty f. SAND, some c.-f. gravel, asphalt in the lower 5 inches of the spoon		1	SS-1	1.5	4 15 32 27	17:53	NR	NR	18:04	
SAA (less asphalt)		3	SS-2	1.42	17 18 37 11		NR	NR	18:37	
		4								
		5								
		6								
		7								
		8								
		9								
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		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING B-5C SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 11.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 4'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: SPT 2	WASHED: NA CORE: NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL. NA 24 HR. NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M. Richait	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
ML (first 16"); stiff dk. brown SILT, trace f. gravel SP (rest of spoon); loose lt. brown m.-f. SAND, some f. gravel & brick		1	SS-1	1.67	3 11 9 8	16:13	NR	NR	16:20	HNU not responding
ML (first 12"); soft dk. gray SILT, trace f. sand WOOD FRAGMENTS (next 4") SM (rest of spoon); loose lt. brown silty f. SAND		2 3 4	SS-2	1.5	3 4 5 7	16:23	38	NR	16:46	Drilled to 2'; spooned to 4'
		5 6 7 8 9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-5D SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 11.3 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 12'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4¼" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	WEIGHT: / CORE: NA
CASING		WATER LEVEL: FIRST ~6'	COMPL. NA 24 HR NA
CASING HAMMER WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER 3" split spoon		INSPECTOR: J. M. Bichart	
SAMPLER HAMMER WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETA RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
ML (first 17"); mod. stiff dk. brown SILT		1	SS-1	1.75	2-9-8-8	15:40	0.5	0.0	15:48	
SW (next 6"); loose lt. brown F. SAND		2								
SW (last 11"); loose lt. brown F. SAND		3	SS-2	1.75	6-5-4-3	15:[illegible]	NR	NR	15:[illegible]	
ML (last 6"); mod. stiff dk. brown SILT		4								
		5								
		6								
		7								
		8								- Drove HF-5D at 15:[illegible]
		9								- Retrieved at 15:[illegible] Length = 20
		10								
		11								- Redrove HF-5D at 16:40
		12								- Retrieved at 17:06
		13								
		14								
		15								
		16								
		17								
		18								
		19								

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING B-5E

SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island		ELEVATION AND DATUM: 12.2 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/28/93	DATE FINISHED: 7/28/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 4'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	UNDIST NA / CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA / 24 HR NA
CASING HAMMER	WEIGHT: NA	DROP: NA	BORING ANGLE AND DIRECTION: vertical
SAMPLER: 3" split spoon			INSPECTOR: J. M. Richart
SAMPLER HAMMER	WEIGHT: 140 lb.	DROP: 30'	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
SM; loose lt. brown silty f. SAND		1	SS-1	1.83	1 2 3 8	17:22	NR	NR	17:27	HNU not responding
SAA		2–4	SS-2	1.58	0.5 mCi	17:33	NR	NR	17:47	- Drilled to 2'; spoon to 4'
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-7D **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 18.8 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/23/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: S.S. Split spoon		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETA RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
14" lt brown F-C SAND tr gravel		1	SS-1	14"	2 3 4 9	1027	1ppm	0.2ppm	1030	B-7D1
17" lt brown F-m SAND tr C Sand and gravel		3	SS-2	17"	5 7 8 8	1037	2ppm	0.2ppm	1042	B-7D2
19" lt brown f-m SAND tr C SAND and gravel fining upward		5	SS-3	19"	7 6 7 8	1041	0.2ppm	0.2ppm	1050	B-7D3
6" Brown f-m SAND tr c sand 11" Lt Brown f-c SAND, tr gravel 4.5" dk gray silt and f. SAND, odor, HNU spike 15.4		7	SS-4	21.5"	8 9 9 6	1056	~0.4ppm	0.2ppm	1100	B-7D4
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-7E **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 19.0 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Pete Strzelczyk	DATE STARTED: 7/23/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT:	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST — CORE —
CASING: —		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER: WEIGHT:	DROP:	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:		INSPECTOR: C. Harwood T Riechart	
SAMPLER HAMMER: WEIGHT: 140 lb	DROP: 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
20" Lt brown f-c SAND		1	SS-1	20"	8 16 16 26	1115	4ppm	0.4ppm	1120	B-7E1
14" Lt brown f-m SAND, tr c sand and gravel 6" wood wedge w/ dk brown f. SAND, moist spike 20ppm		2 3	SS-2	20"	10 9 5 6	1205	5ppm	0ppm	1210	10/4 refusal moved B-7E2
6" lt brown f-m sand some c. sand+gravel 4" Brown f. SAND, tr gravel, moist spike 20ppm 10" Brown f-m SAND tr C. SAND + gravel, moist		4 5	SS-3	20"	5 5 12 12	1210	5ppm	0.2ppm	1220	B-7E3
2" dk brown f. SAND, tr gravel 8" loose brown f-c SAND, some gravel 5" loose gray f-c SAND, some gravel, strong odor spike 100ppm		6 7	SS-4	15"	12 8 9 14	1220	50ppm	0ppm	1230	B-7E4
		8 9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-7F **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Cbe Geigy Cranston RI		ELEVATION AND DATUM: 19.1 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/23/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST —, CORE —
CASING: —		WATER LEVEL: FIRST —, COMPL —, 24 HR —	
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: SS Split Spoon		INSPECTOR: C. Harwood T. Piechart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETA RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
19" Brown f-m SAND, tr gravel + silt		1	SS-1	19"	29 27 27 24	1550	1ppm	0ppm	1600	B-7F1
16" Brown f-m SAND, tr gravel + silt some black slag		3	SS-2	16"	15 20 10 10	1602	6.8ppm	0.2ppm	1608	B-7F2
17" Brown f-m SAND, tr gravel, tr silt		5	SS-3	17"	6 6 9 11	1610	5ppm	0ppm	1615	B-7F3
21" Brown f-m SAND, tr gravel, tr silt		7	SS-4	21"	12 12 10 6	1625	7ppm	0ppm	1630	B-7F4
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-7G SHEET 1 OF 1

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: 19.4 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Billington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/23/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT: DROP:		BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: S.S. Split Spoon		INSPECTOR: C. Harwood T Reichart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV. FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
21" Brown f-m SAND, tr silt and gravel; no odor; spike to 17ppm		1	SS-1	21"	11 16 16 11	1717	10 ppm	0.2	1721	B-7G1
16" Brown f-m SAND tr silt and gravel; no odor; spike to 8ppm		3	SS-2	16"	0 0 0 0	1727	9ppm	0.4 ppm	1735	B-7G2
21" Brown f SAND, tr silt and gravel no odor (less gravel + silt than Above, Cleaner)		5	SS-3	21"	0 0 0 0	1736	6ppm	0.2ppm	1745	B-7G3
12" Brown f-m SAND, tr silt and gravel; 2" pulverized grout / concrete		7	SS-4	14"	10 17 9 13	1741	3ppm	0.4ppm	1755	B-7G4
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-7H SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 19.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/23/93	DATE FINISHED: 7/23/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FINAL —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: S.S. Split Spoon		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT	DROP		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
4" Brown f. SAND, tr Silt C-m sand + gravel, loose dry 9" Gray f-m SAND tr silt + gravel, loose 3" Gray f sand and silt tr fine gravel, moist Strong sewer odor		1 2	SS-1	16"	10 10 24 90	1440	1.5 ppm	0 ppm	1447	B-7H1
14" rust, gray, dk gray and brown f-C SAND, some gravel and broken concrete, tr silt, sl odor (sewage?)		3	SS-2	14"	38 07 21 Vent	1450	3 ppm	0 ppm	1500	B-7H2 spoon bouncing off at angle
2" Brown f. SAND, tr gravel + silt 3" f SAND and silt lt brown, moist 11" lt brown f-C SAND, tr gravel Strong sewer odor		4 5 6	SS-3	16"	10 15 15 20	1517	2 ppm	0.2 ppm	1522	B-7H3
8" gray m-f SAND, tr C sand, f. gravel sewer odor		7 8	SS-4	8"	19 20 20 19	1525	15 ppm	0 ppm	1545	B-7H4
		9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-8D **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba - Geigy Cranston RI		ELEVATION AND DATUM: 16.6 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strelczyk	DATE STARTED: 7/24/93	DATE FINISHED: 7/24/93
DRILLING EQUIPMENT: CME-- 75		COMPLETION DEPTH: 8'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST —, CORE —
CASING: —		WATER LEVEL: FIRST —, COMPL —, 24 HR —	
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon			
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"	INSPECTOR: C. Harwood T. Riechart	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
15" Brown f. SAND, tr. silt and gravel (concrete pieces), loose, dry		1	SS-1	15"	17 46 52 31	0830	0.4ppm	1ppm	0835	refusal / moved B-8D1
2" Brown f. sand, loose, dry. 4" white powdery concrete w/ pieces 5" brown-orange m-f SAND, tr C sand + gravel		2 3 4	SS-2	11"	41 19 17 12	0850	1.6ppm	0.8ppm	0858	B-8D2
19" Brown to orange-brown f-m SAND tr gravel in top 3", moist		5 6	SS-3	19"	8 9 7 6	0911	1ppm	0.8ppm	0915	B-8D3
4" Brown f-m SAND, tr C. sand, moist 15" Black f-m SAND, tr silt, wet		6 7 8	SS-4	19"	5 4 4 4	0920	1ppm	0.8ppm	0928	no sample (wet) below water table
		9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-8E **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 16.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/24/93	DATE FINISHED: 7/24/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 10'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: C. Harwood, T. Piechart	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	MNU/PID READINGS (PPM): SAMPLE	MNU/PID READINGS (PPM): AMBIENT AIR	MNU/PID READINGS (PPM): TIME	REMARKS
FILL; lt. brown silty f.-c. SAND, with some c. gravel & pieces of concrete		1	SS-1	14"	3 6 55 23	09:51	6.2	0.5	09:53	
		2								
FILL; lt. brown silty f.-c. SAND, with some c. gravel, pieces of metal in spoon		3	SS-2	15"	11 18 8 15	11:32	7.2	0.7	11:38	
		4								
SP; loose mottled brown m.-c. SAND, some c. gravel, end of spoon wet		5	SS-3	18"	16 8 8 9	11:40	0.2	0.2	11:51	
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-8F **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba Geigy, Cranston RI		ELEVATION AND DATUM: 17.4 MSL	PROJECT NO.: 87X4650
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/24/93	DATE FINISHED: 7/24/93
DRILLING EQUIPMENT: CME-75 Hollow stem augers		COMPLETION DEPTH: 8 ft	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 4	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: T. Reichert (CH2M Hill)	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
SM (first 14"); loose lt. brown silty f. SAND, some c. gravel BROKEN CONCRETE (end of sample)		1	SS-1	18"	13 24 71 30	16:31	0.3	0.2	16:42	
ML; stiff dk. brown SILT, with occasional f. sandy seams, trace c. gravel		3	SS-2	15"	10 8 5 3	16:46	30	0.0	15:00	16:50 15 ppm borehole 5 ppm breathing zone 0.2 ppm ambient
ML (first 3"); soft dk. brown SILT SM (next 12"), med. dense black silty m. SAND, with wood fragments SW (last 5"); med. dense orange brown f. SAND		5	SS-3	20"	2 4 12 10	17:06	110	0.3	17:18	Field blank from 4 to 6'
SW; loose lt brown m. SAND		7	SS-4	19"	2 4 3 2	17:20	0.3	0.3	17:36	Black silty SAND in 4-6' interval appears saturated with product
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-86 **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 15.9 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/24/93	DATE FINISHED: 7/24/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL:	NO. SAMPLES: DIST 3	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: T. Reichert C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	MNU/PID READINGS (PPM): SAMPLE	MNU/PID READINGS (PPM): AMBIENT AIR	MNU/PID READINGS (PPM): TIME	REMARKS
FILL, loose lt. brown silty f. - m. SAND, with [illegible] concrete and c. gravel		1	SS-1	16	26 49 23 53	12:06	1.8	0.3	12:10	
ML (first 4"); med. stiff lt. brown SILT, trace f. gravel BROKEN CONCRETE (next 8") SM (rest of spoon); loose orangish brown silty		2 3 4	SS-2	20"	12 11 10 10	14:08	0.4	0.3	14:11	12 33 8 5
SP (first 13"); very loose orangish brown m. SAND, with some f. gravel SM (rest of spoon); very loose dk. brown silty f. - m. SAND		5 6	SS-3	16"	4 3 3 2	14:18	0.3	0.4	14:27	
		7 8 9 10 11 12 13 14 15 16 17 18 19								

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LOG OF BORING B-8H SHEET 1 OF

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 15.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/24/93	DATE FINISHED: 7/24/93
DRILLING EQUIPMENT: CME-75 Hollow stem augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST 1 / CORE —
CASING —		WATER LEVEL: FIRST —	COMPL — / 24 HR —
CASING HAMMER —	WEIGHT —	DROP	BORING ANGLE AND DIRECTION: Vertical
SAMPLER: SPLIT SPOONS			
SAMPLER HAMMER	WEIGHT 140 lb	DROP 30"	INSPECTOR: T Reichart C. Harwood

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
SP; loose orangish brown f.-m. SAND, some c. gravel		1	SS-1	14"	10 14 10 9	1440	0.1	0.3	14:54	B-8H1
SAA		2–3	SS-2	18"	8 9 8 7	14:53	0.3	0.3	15:05	B-8H2
SP; loose dk. brown f.-m SAND, trace c. gravel		4–5	SS-3	12"	5 6 8 5	1503	0.4	0.5	15:15	B-8H3
		6–10								Drove HP sample at 15:07 sampled H_2O 1610
		11–19								

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LOG OF BORING B-9A **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: No survey data	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/27/93	DATE FINISHED: 7/27/93
DRILLING EQUIPMENT: CME-75 Hollow stem augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST —; CORE —
CASING: —		WATER LEVEL: FIRST —; COMPL —; 24 HR —	
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split spoon		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV. FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
15" f-m SAND, tr gravel (3" roots) 4" brown-gray silty f. SAND		1	SS-1	19"	6 6 6	1417	rain/damp —	—	1420	B-9A1
15" brown f. SAND, some silt, roots		3	SS-2	15"	N N N	1420	—	—	1435	B-9A2
12" brown f. SAND, some silt 12" black sandy SILT, roots moist		5	SS-3	24"	2 N N	1425	—	—	1435	B-9A3
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-9B **SHEET** 1 **OF**

PROJECT AND LOCATION: Clos Gelay Cranston RI		ELEVATION AND DATUM: NO SURVEY DATA	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/27/93	DATE FINISHED: 7/27/93
DRILLING EQUIPMENT: C.M.E. 75 Hollow Stem augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
12" brown sandy silt, dry loose (6" roots) 1g rock in tip		1	SS-1	12"	2 10 9 6	1329	rain/damp —	—		B-9B1 1330
19" Brown f-m SAND, tr C. sand and f. gravel, m dense		3	SS-2	19"	4 4 4 2	1335	—	—		B-9B2 1345
4" gray f-m SAND, tr silt 12" [illegible] SILT w/roots 9" brown sandy SILT, moist		5	SS-3	24"	1 2 1 1	1355	—	—		B-9B3 1405
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-10F SHEET 1 OF 1

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: 17.3 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/22/93	DATE FINISHED: 7/22/93
DRILLING EQUIPMENT: Jackhammer / Split Spoon		COMPLETION DEPTH: 2'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 1	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: — WEIGHT:	DROP:	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Jackhammer w/ Attachment		INSPECTOR: K. Kievit C. Harwood	
SAMPLER HAMMER: — WEIGHT:	DROP:		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	MNU/PID READINGS (PPM): SAMPLE	MNU/PID READINGS (PPM): AMBIENT AIR	MNU/PID READINGS (PPM): TIME	REMARKS
9" Gray f-m SAND, tr c. sand and gravel (2") and silt, moist		1	SS-1	9"		1335	—	—	—	B-10F1 FB-072-93 1540
		2								
		3								
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-10G **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 17.1 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzeleczyk	DATE STARTED: 7/22/93	DATE FINISHED: 7/22/93
DRILLING EQUIPMENT: Jackhammer / Split Spoon		COMPLETION DEPTH: 2'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 1	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER —	WEIGHT	DROP	BORING ANGLE AND DIRECTION: Vertical
SAMPLER: Jackhammer w/ attachment			INSPECTOR: K. Kievit C. Harwood
SAMPLER HAMMER —	WEIGHT	DROP	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
9" dk brown f. SAND 11" f-m SAND, tr c. sand and silt and lg gravel (2"), moist		1	SS-1	20"		1545	—	—	—	B-10G 1 1555
		2								
		3								
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-10H **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: 17.0	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/22/93	DATE FINISHED: 7/22/93
DRILLING EQUIPMENT: Jackhammer / Split Spoon		COMPLETION DEPTH: 2'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 1	UNDIST —, CORE —
CASING		WATER LEVEL: FIRST —, COMPL —, 24 HR —	
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Jackhammer w/ attachment		INSPECTOR: V. Kleist C. Harwood	
SAMPLER HAMMER: WEIGHT —	DROP —		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
8" dk brown f. SAND and silt, tr c. sand and gravel		1	SS-1	24"		1600	—	—	—	B-10H1 1615
16" tan-orange f. SAND, tr c. sand, silt and gravel fining downward, tight		2								
		3								
		4								
		5								
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-12A **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 14.8'	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/25/93	DATE FINISHED: 7/25/93
DRILLING EQUIPMENT: CME 75 Hollow stem Augers		COMPLETION DEPTH: 12'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 2	UNDIST 1 / CORE —
CASING: —		WATER LEVEL: FIRST —	COMPL — / 24 HR —
CASING HAMMER	WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical
SAMPLER: Split spoon			INSPECTOR: T. Reichert C. Harwood
SAMPLER HAMMER	WEIGHT 140 lb	DROP 30"	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
FILL; loose dk. brown silty m. SAND, with broken brick & concrete		1	SS-1	20"	8 25 17 16	10:35	0.6	0.8	10:37	B-12A1
SP (first 14"); loose mangish brown m. SAND, [illegible]		2–3	SS-2	17"	7 11 9 10	10:43	0.7	0.8	10:54	B-12A2
SM (rest of spoon); loose dk. gray silty m. SAND		4								
		5								
		6–7								- Drove HP-12A at [illegible] - Retrieved at 1138; not enough H.P.
		8								
		9								
		10–11								- Drove HP-12A at [illegible] - Retrieved at 1245
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								
smells of sewer										

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LOG OF BORING B-12B (Replacement) **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: 14.9 MSL	PROJECT NO.: 87X4600
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/25/93	DATE FINISHED: 7/25/93
DRILLING EQUIPMENT: CME 75 Hollow Stem Augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split spoon		INSPECTOR: T. Reichart C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; med. dense dk. brown silty f. SAND, some c.-f. gravel and broken brick.		1	SS-1	18"	11 22 20 18	15:11	0.5	0.7	15:09	B-12B1
SM (first 5"); med. dense dk. brown silty f. SAND, some f. gravel SP (next 4"), med. dense dk. gray f.-m. SAND, trace of f. gravel		2 3 4	SS-2	19"	13 39 24 47	15:12	0.8	0.7	15:21	B-12B2
SM (first 12"), med. dense dk. brown silty f. SAND, trace f. gravel SM (next 4"), med. dense lt. gray silty f. SAND, trace f. gravel		5 6	SS-3	22"	17 18 28 10	15:21	0.9	0.9	15:32	B-12B3
		7 8 9 10 11 12 13 14 15 16 17 18 19								
Smell of sewer										

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LOG OF BORING B-12C **SHEET** 1 **OF** ____

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: 14.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/25/93	DATE FINISHED: 7/25/93
DRILLING EQUIPMENT: CME-75 Hollow stem augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST — CORE —
CASING: —		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon			
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"	INSPECTOR: T. Reichart C. Harwood	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/BIN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
SM (first 9"); loose lt. brown silty f. SAND, trace f. gravel SM (next 5"); loose dk. brown silty f. GRAVEL, some mud SM (rest of spoon); loose lt. brown silty f. SAND, trace f. gravel		1	SS-1	21"	10 26 24 15	13:02	0.6	0.6	13:16	B-12C1
SM; loose lt. brown silty f. SAND, with some c. gravel		2 3	SS-2	20"	10 20 11 12	13:17	0.7	0.8	13:27	B-12C2
SM (first 10"); loose lt. brown silty f. SAND SW (rest of spoon); loose black f. SAND, some silt		4 5	SS-3	24"	10 8 11 10	13:24	0.7	0.5	13:37	B-12C3
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								
Smells of sewer										

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LOG OF BORING B-12D **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: 14.6 MSL	PROJECT NO.: 87x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/25/93	DATE FINISHED: 7/25/93
DRILLING EQUIPMENT: CME 75 Hollow stem Augers		COMPLETION DEPTH: 6'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 3	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: T. Reichart C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	MNU/PID READINGS (PPM): SAMPLE	MNU/PID READINGS (PPM): AMBIENT AIR	MNU/PID READINGS (PPM): TIME	REMARKS
FILL; brown dk. brown silty f. SAND, some c. gravel and [illegible]		1	SS-1	19"	11 18 26 14	13:33	0.6	0.6	13:49	B-12D1
SAA		3	SS-2	20"	9 11 10 19	13:40	0.6	0.8	13:57	Field blank FB-072593 B-12D2
SM (fill); brown dk. brown silty f. SAND, some f. sand		4								
SM (end of spoon); med. dense dk. gray silty m. SAND, trace c. gravel		5	SS-3	22"	16 26 24 26	13:47	0.8	0.7	14:07	B-12D3
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
Small of sewer		19								

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LOG OF BORING B-13A SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston Rhode Island		ELEVATION AND DATUM: NO SURVEY DATA	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN:	DATE STARTED: 7/20/93	DATE FINISHED: 7/20/93
DRILLING EQUIPMENT: CME-75		COMPLETION DEPTH: 8'	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: 4 1/4" I.D. HSA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 4	UNDIST NA CORE NA
CASING: NA		WATER LEVEL: FIRST NA	COMPL NA 24 HR NA
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: vertical	
SAMPLER: 3" split spoon		INSPECTOR: J. M Richard	
SAMPLER HAMMER: WEIGHT 140 lb.	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
FILL; loose lt. brown m.-c. SAND & c. GRAVEL, some silt		1	SS-1	1.67	8 11 9 10	11:43	NR	NR	11:48	HNU not recording
SP (first 12"); loose lt. brown m. SAND, some f. gravel		2								
ML (rest of spoon); med. stiff dk. brown SILT, some f. sand & f. gravel, moist		3	SS-2	1.5	8 7 6 5	11:57	0.2	0.0	12:05	
ML; med. stiff dk. brown SILT, some f. sand & f. gravel, large stone in spoon tip		4								
		5	SS-3	0.33	10 21 36 32	12:07	NR	NR	12:19	Drilled to 6'; spooned to 8'.
SAA (first 5")		6								
SP (next 5"); med. dense lt. gray c. SAND & f. GRAVEL		7	SS-4	1.58	21 17 20 12	12:21	NR	NR	12:28	
SP (rest of spoon); med. dense orangish-brown m.-c. SAND & f. GRAVEL		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-16B **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba - Geigy Cranston RI		ELEVATION AND DATUM: 15.3 MSL	PROJECT NO.: 97x4620
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/21/93	DATE FINISHED: 7/21/93
DRILLING EQUIPMENT: CME 75 Hollow Stem Augers		COMPLETION DEPTH: 16 ft	ROCK DEPTH: —
SIZE AND TYPE OF BIT: NA / CASING: NA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2 / WATER LEVEL: FIRST —	UNDIST —, CORE —, COMPL —, 24 HR —
CASING HAMMER: NA WEIGHT: DROP:		BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:		INSPECTOR: K. Kievit C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb DROP 30"			

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
		1								ASPHALT, GRAVEL, FILL
Brown (rust) SILT and f. SAND, tight 9"		2			4					
orange-brown C-M SAND, tr gravel, loose 10"		3	SS-1	19"	9 13 12	1143	1.8	12ppm	1147	B-16B Z 1150
Brown (rust) silt and f. SAND, moist, tight 2"		4			9					
orange-brown C-M SAND, tr gravel, moist, loose 5"		5	SS-2	14"	15 17 22	1152	20ppm	1.2ppm	1156	B-16B 3 1200
lt Brown f. SAND, moist, loose 4"		6								
C-M SAND, tr gravel, moist, loose 3"		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-16C **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Elko-Gray Crossing, NV		ELEVATION AND DATUM: 15.1 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/21/93	DATE FINISHED: 7/21/93
DRILLING EQUIPMENT: CME 75 Hollow Stem Augers		COMPLETION DEPTH: 6 ft.	ROCK DEPTH: —
SIZE AND TYPE OF BIT: 7 1/2	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	UNDIST —; CORE —
CASING: NA		WATER LEVEL: FIRST —; COMPL —; 24 HR —	
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:		INSPECTOR: K. Kievit, C Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
Asphalt.		1								
Brown-Orange med SAND, some coarse sand to granule, loose 12"		2			6					
Brown (mottled) SILT and f. SAND, tight 7"		3	SS-1	19"	7 12	1105	1ppm	1ppm	1108	B-16 22 1110
Brown (mottled) SILT and f. SAND, tight 3"		4			7					
Brown-orange med SAND, coarse sand to granule, moist, loose 17"		5	SS-2	20"	5 15 16	1115	1.2ppm	1ppm	1120	B-1023 1122
		6								
		7								
		8								
		9								
		10								
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-16D **SHEET** 1 **OF** 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 15.3 MSL	PROJECT NO.: 87X4662D
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/21/93	DATE FINISHED: 7/21/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 11 ft.	ROCK DEPTH: —
SIZE AND TYPE OF BIT: NA	SIZE AND TYPE CORE BARREL: NA	NO. SAMPLES: DIST 2	UNDIST 1 CORE —
CASING: NA		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:			
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"	INSPECTOR: C. Kicuit C. Harwood	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES TYPE NO. LOC	SAMPLES RECOV, FT	SAMPLES PENETR RESIST BL/6IN.	SAMPLES TIME	HNU/PID READINGS (PPM) SAMPLE	HNU/PID READINGS (PPM) AMBIENT AIR	HNU/PID READINGS (PPM) TIME	REMARKS
Asphalt		1								
Brown f. SAND, tr. silt, c. sand and gravel, loose 4"		2	SS-1	14"	2	1220	2. ppm	1ppm	1223	B-16D2 1225
Brown (rust) SILT and F. SAND, tr gravel, tight 10"		3			2					
		4			3					
Brown SILT and F. SAND, tight 2"		5	SS-2	17"	5	1227	1ppm	1ppm	1235	B-16D3 1235
Brown-orange C-M SAND, tr gravel, moist 15"		6			8					
		7			22					
		8			20					
		9								
Hydropunch		10							1245	Sampled 1320 HP-16D1
		11								
		12								
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-16E SHEET 1 OF 1

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI		ELEVATION AND DATUM: 15.4 MSL	PROJECT NO.: 97x4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/21/93	DATE FINISHED: 7/21/93
DRILLING EQUIPMENT: CME 75		COMPLETION DEPTH: 13	ROCK DEPTH: —
SIZE AND TYPE OF BIT: NA	SIZE AND TYPE CORE BARREL:	NO. SAMPLES: DIST 3	WASH: 1 CORE: —
CASING: NA		WATER LEVEL: FIRST —	COMPL — 24 HR —
CASING HAMMER: WEIGHT NA	DROP NA	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER:		INSPECTOR: V. Vieux C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
Brown f. SAND, tr gravel, loose 7"		1								
Brown (wet) SILT and f. SAND, tight 9"		2	SS-1	16"	4 9 +80	1550	0.4	0.4	1554	B-16E1 1556
Brown f. SAND, tr f. gravel, loose 2"		3								
Brown (wet) SILT and f. SAND, tr gravel tight 6"		4	SS-2	13"	4 6 11 12	1608	0.4	0.4	1609	B-16E2 + Blind DUP B-DUP1 1615
G-M SAND, tr f. gravel, loose 5"		5								
Brown (wet) SILT and f. SAND, tr gravel, tight 6"		6	SS-3	18"	9 18 19 15	1604	1ppm	0.4	1610	
G-M SAND, tr f. gravel, loose 12"		7								
		8								
		9								
		10								
		11								
Hydropunch		12							1625	sample taken at 1730 HP-16E1
		13								
		14								
		15								
		16								
		17								
		18								
		19								

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LOG OF BORING B-12 f (Abandoned) SHEET 1 OF .....

PROJECT AND LOCATION: Ciba Geigy Cranston RI		ELEVATION AND DATUM: —	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/25/93	DATE FINISHED: 7/25/93
DRILLING EQUIPMENT: CME 75 — Hollow Stem augers		COMPLETION DEPTH: 2'	ROCK DEPTH: —
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 1	UNDIST: — CORE: —
CASING: —		WATER LEVEL: FIRST —	COMPL: — 24 HR: —
CASING HAMMER: —	WEIGHT: —	DROP: —	BORING ANGLE AND DIRECTION: Vertical
SAMPLER: Split Spoon			INSPECTOR: T. Reichart C. Harwood
SAMPLER HAMMER:	WEIGHT: 140 lb	DROP: 30"	

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETA RESIST BL/6IN.	SAMPLES: TIME	HNU/PID READINGS (PPM): SAMPLE	HNU/PID READINGS (PPM): AMBIENT AIR	HNU/PID READINGS (PPM): TIME	REMARKS
SP (first 6"); loose lt. brown f. SAND, trace f. gravel SM (rest of spoon); mod. stiff dk. brown silty f. SAND		1	SS-1	16"	7 15 10	09:55	1.4	0.8	10:00 AM	B-12B1 - sample smells of sewer gas
Refusal after 2 ft		2 3								~~B-12B2~~
		4 5								~~B-12B3~~
		6 7								
Smells of sewer		8 9 10 11 12 13 14 15 16 17 18 19								Sample not analyzed

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LOG OF BORING MW-34D (ABANDONED) SHEET 1 OF 2

PROJECT AND LOCATION: Ciba-Geigy Cranston RI		ELEVATION AND DATUM: —	PROJECT NO.: 87X7660
DRILLING AGENCY: Burlington Environmental	FOREMAN: Marc Strzelczyk	DATE STARTED: 7/28/93	DATE FINISHED: 7/29/93
DRILLING EQUIPMENT: CME-75 Hollow stem Augers		COMPLETION DEPTH:	ROCK DEPTH: NA
SIZE AND TYPE OF BIT: —	SIZE AND TYPE CORE BARREL: —	NO. SAMPLES: DIST 17	UNDIST 3 CORE —
CASING: —		WATER LEVEL: FIRST ~10'	COMPL — 24 HR —
CASING HAMMER: WEIGHT —	DROP —	BORING ANGLE AND DIRECTION: Vertical	
SAMPLER: Split Spoon		INSPECTOR: C. Harwood	
SAMPLER HAMMER: WEIGHT 140 lb	DROP 30"		

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	RECOV, FT	PENETR RESIST BL/6IN.	TIME	HNU/PID READINGS (PPM): SAMPLE	AMBIENT AIR	TIME	REMARKS
										7/28/93
10" brown f. SAND, tr silt, gravel/ brick		1	SS-1	10	18 50/4	1550	0.4ppm	0	1600	1
		2								
16" SAA		3	SS-2	16"	60 39 39 6	1605	1	0	1615	Eng. to PCB 2
		4								
4" brown f. SAND, tr silt, chunk of brick (odor?)		5	SS-3	4"	65/3	1620	0.2	0.2	1622	3
		6								
12" gray-black f. SAND, tr silt and gravel, v. moist		7	SS-4	16"	1 3 2 2	1625	1	0	1627	4
4" gray SILT, moist		8								
16" gray f. silty SAND, layers of silt, v. moist		9	SS-5	16"	3 3 3 3	1630	1	1	1635	5
		10								
16" gray f-m silty SAND, layers of silt wet		11	SS-6	16"	1 2 2 2	1640	1	0.8	1645	6
		12								
16" gray f. silty SAND, 6" layer of silt in center of spoon		13	SS-7	16"	1 2 1 2	1650	0.8	0.8	1655	7
		14								
24" f. silty SAND, sandy silt 1" brown sand layer at 15'9" odor, product? split 70ppm		15	SS-8	24"	WOH 1 WOH 2	1657	10	0.8	1700	8
		16								
22" f. silty SAND, sandy silt ½" brown sand layer at 17'9" dripping br. product, odor, 110ppm		17	SS-9	22"	WOH 1 1 1	1705	20	0.8	1715	9
		18								
Hydropunch - drive 1742 sampled 1806		19								HP-34D2+I-1

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LOG OF BORING MW-34D (ABANDONED) SHEET 2 OF 2

DESCRIPTION	PIEZOMETER	DEPTH, FT	SAMPLES: TYPE NO. LOC	SAMPLES: RECOV, FT	SAMPLES: PENETR RESIST BL/6IN.	SAMPLES: TIME	HNU READINGS (PPM): SAMPLE	HNU READINGS (PPM): AMBIENT AIR	HNU READINGS (PPM): TIME	REMARKS 7/29/93
20" SAA No product		21	SS-11	20"	2 2 2 2	0920	NA 3ppm	0	0930	11
sheen ods add 20" SAA product / oil sheen 3 areas of coarse (med.) sand w/product		23	SS-12	20"	1 WT WT 1	0925	60ppm	1	0940	12
20" SAA No product		25	SS-13	20"	2 3 1 2	0935	20	0	0950	13
20" SAA w/ 6" layer crushed stone		27	SS-14	20"	6 8 8 7 4	0940	9	0	0955	14
0955 Drove hydropunch 1025 Pulled Hydropunch		29								HP-3 = DB + II-1
24" br-gray f-m SAND; some silt		31	SS-16	24"	1 WT 1 WT	1050	0	0	1055	16
12" gy f. sandy SILT 12" f-m SAND		33	SS-17	24"	1 3 4 6	1100	0	0	1110	17
24" f-m SAND w/ layers (~3") of silt		35	SS-18	24"	1 2 2 4	1110	0	0	1120	18
24" f-c SAND ~6" V.C. sand fining downward		37	SS-19	24"	2 2 3 4	1120	0	0	1130	19
drove 12.17 Hydropunch NO recovery (1300)		39								HP-3 = DB + II-1
decision made to grout hole Abandoned		41								

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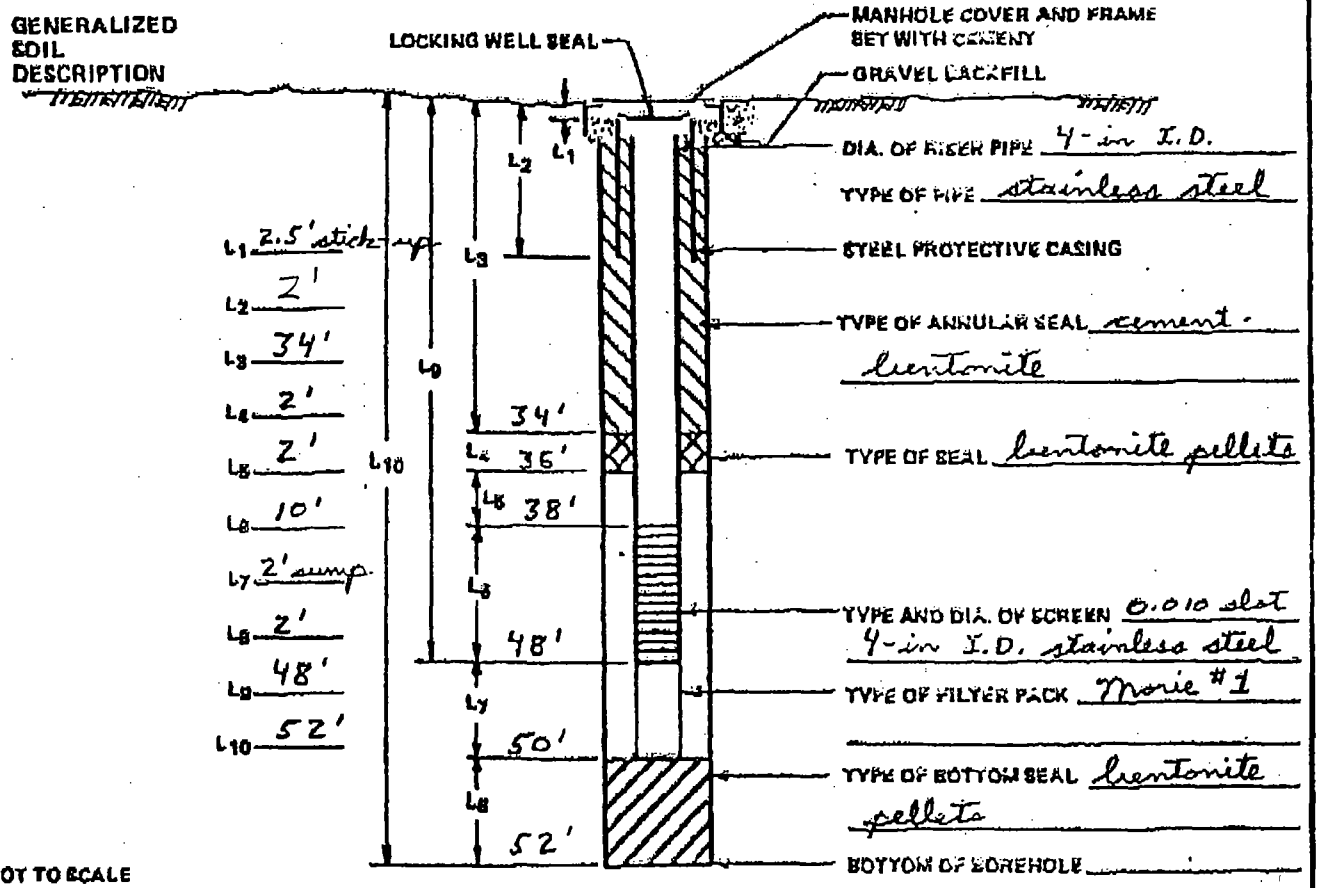
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 4D

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 18.2 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 20.52	DATE FINISHED: 8/5/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 20.64	INSPECTOR: J. M. Reichart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 52 ft		



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS: Boring was backfilled to 50' with bentonite pellets and monitoring well was installed.

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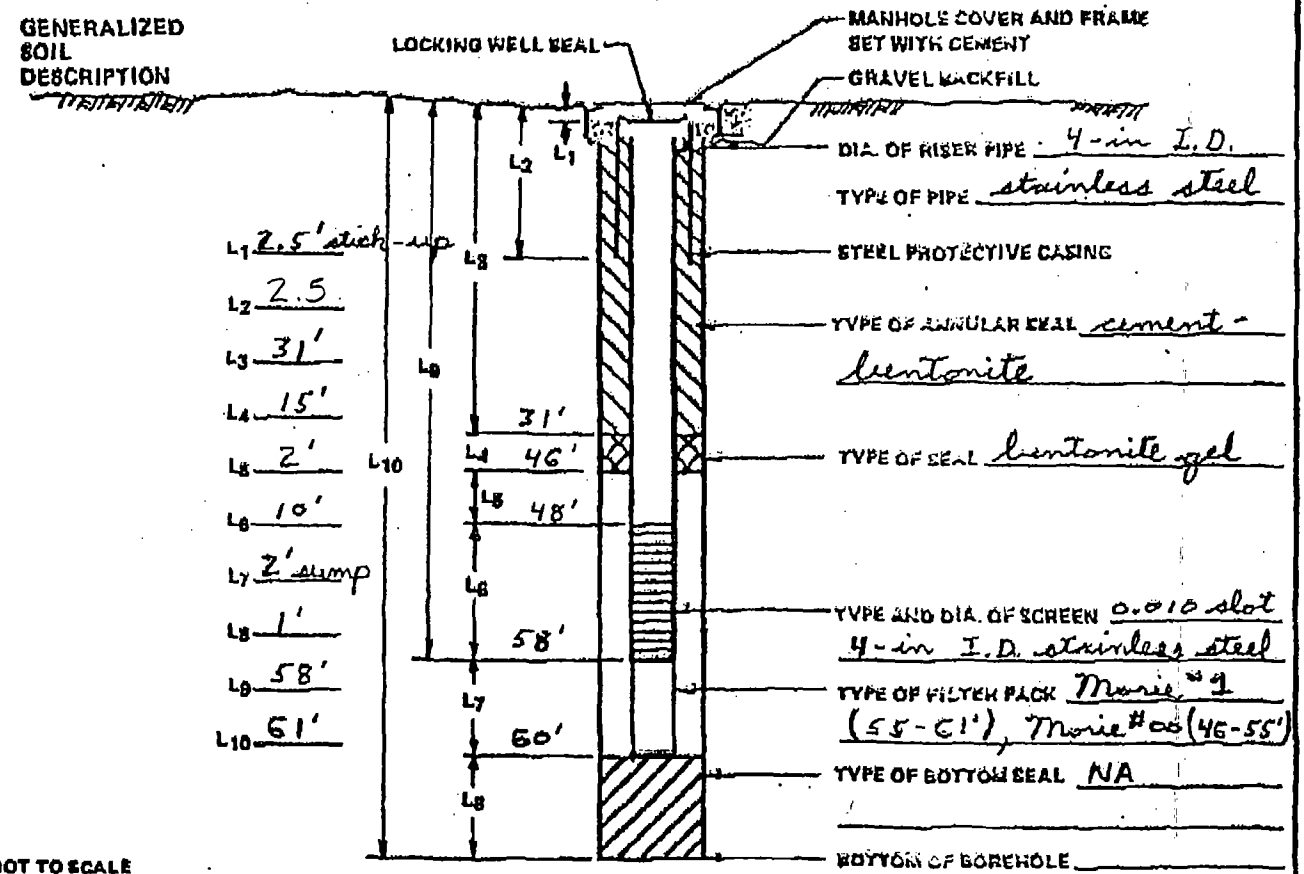
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 11D

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 11.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 14.03	DATE FINISHED: 7/28/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 14.24	INSPECTOR: J. M. Reichart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 61 ft		



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS:

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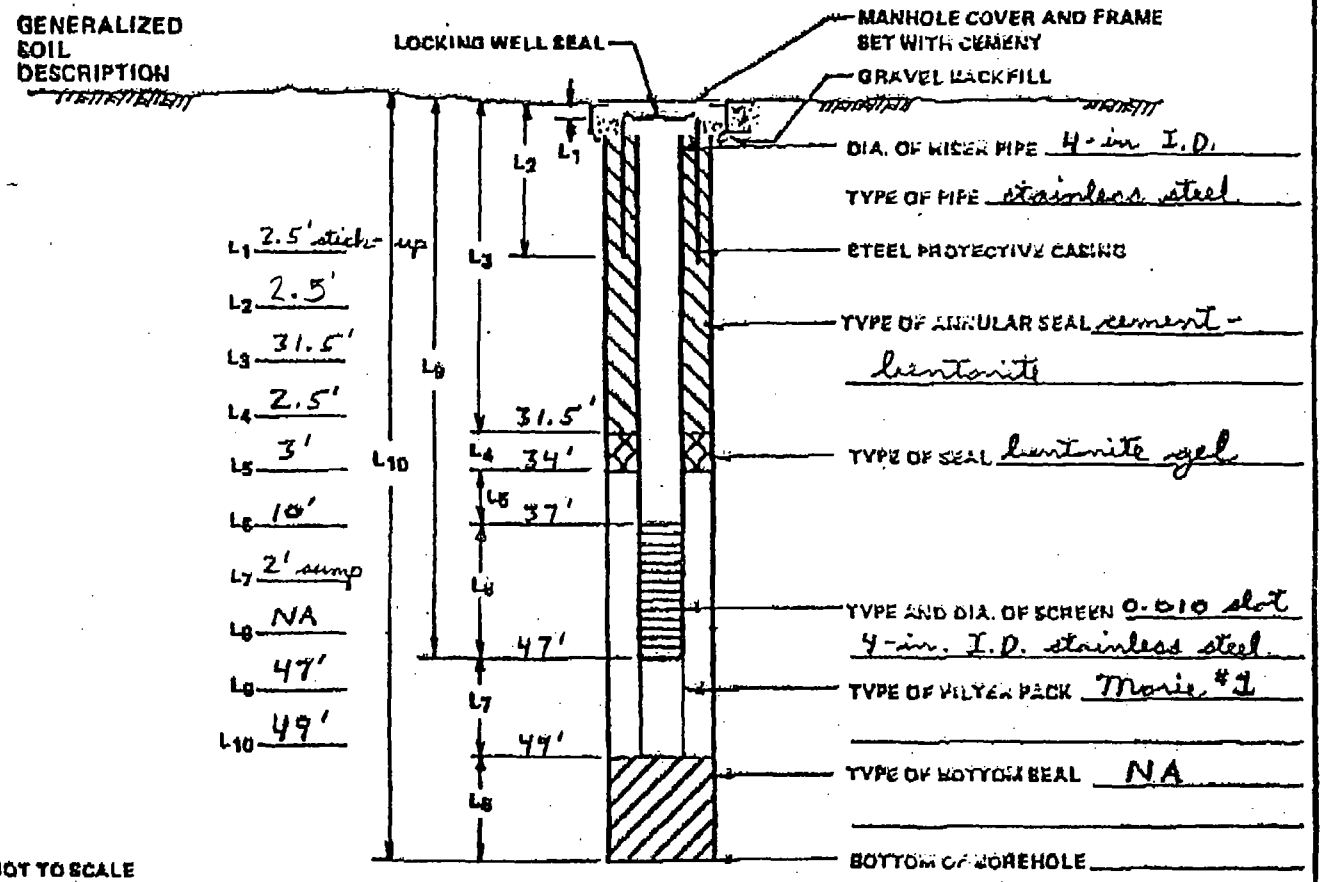
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 140

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 18.9 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 15.72	DATE FINISHED: 8/11/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 16.22	INSPECTOR: J. M. Reichart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 49 ft		



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS:

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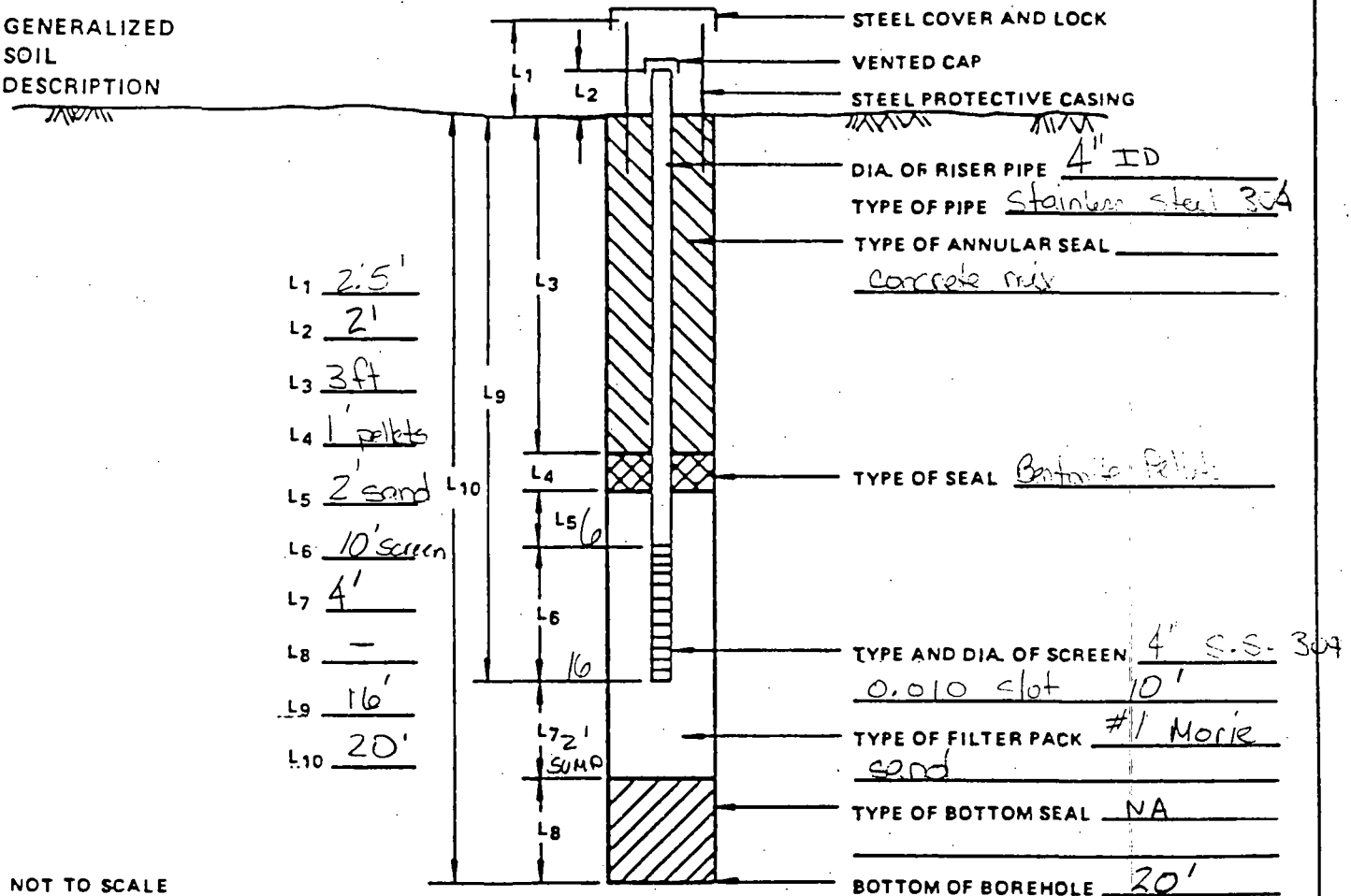
CONSTRUCTION OF MONITORING WELL NO. MW-25S

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
Ciba-Geigy Cranston RI	14.8 MSL	87X4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	16.93	7/26/93
METHOD OF DRILLING Hollow stem auger	**TOP OF PROTECTIVE CASING ELEV.** 17.19	**INSPECTOR:** C. Harwood
DIA. OF BOREHOLE 8"	**GROUND WATER ELEV.** —	**CHECKED BY:**
DEPTH OF BOREHOLE 20 feet		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 2'
L3 3ft
L4 1' pellets
L5 2' sand
L6 10' screen
L7 4'
L8 —
L9 16'
L10 20'

- STEEL COVER AND LOCK
- VENTED CAP
- STEEL PROTECTIVE CASING
- DIA. OF RISER PIPE 4" ID
- TYPE OF PIPE Stainless steel 304
- TYPE OF ANNULAR SEAL concrete mix
- TYPE OF SEAL Bentonite Pellets
- TYPE AND DIA. OF SCREEN 4" S.S. 304 0.010 slot 10'
- TYPE OF FILTER PACK #1 Morie sand
- TYPE OF BOTTOM SEAL NA
- BOTTOM OF BOREHOLE 20'

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS 2 foot Sump
7 1/2 bags sand
3/4 bucket bentonite

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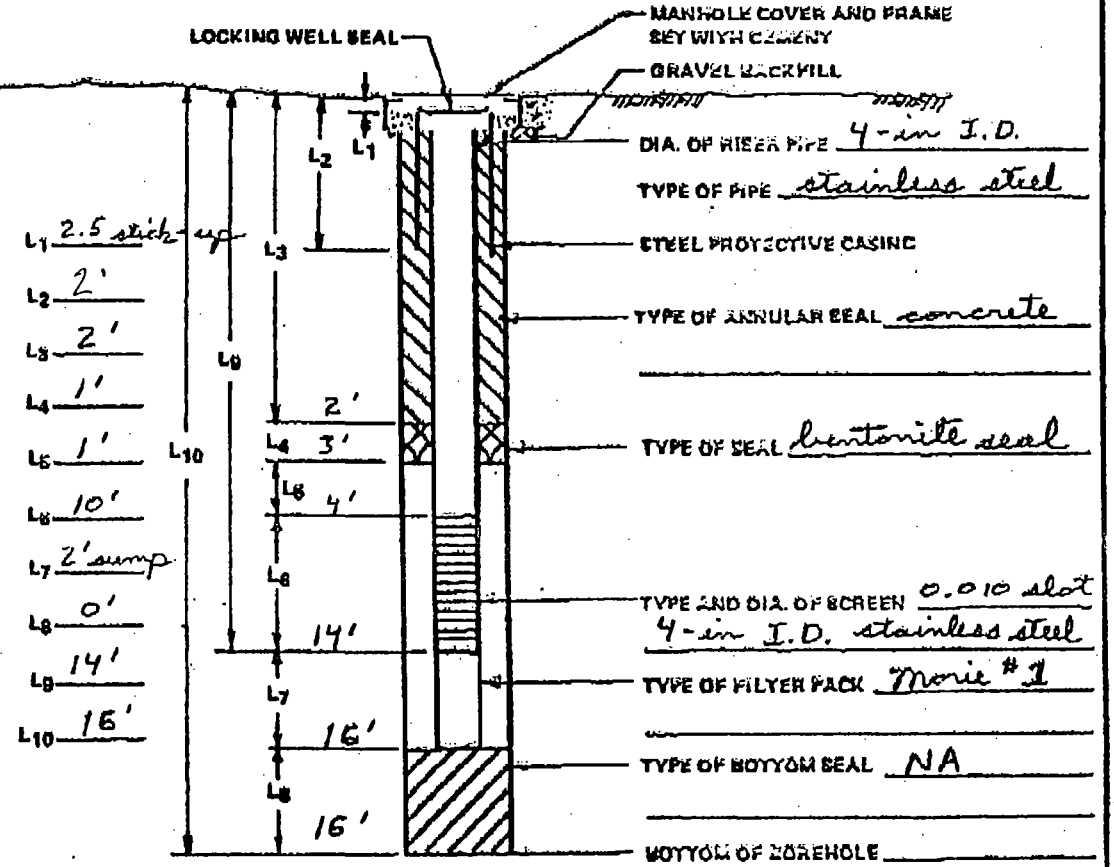
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 265

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 11.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 14.15	DATE FINISHED: 7/29/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 14.37	INSPECTOR: J. M. Richart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 16 ft		

GENERALIZED SOIL DESCRIPTION



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS:

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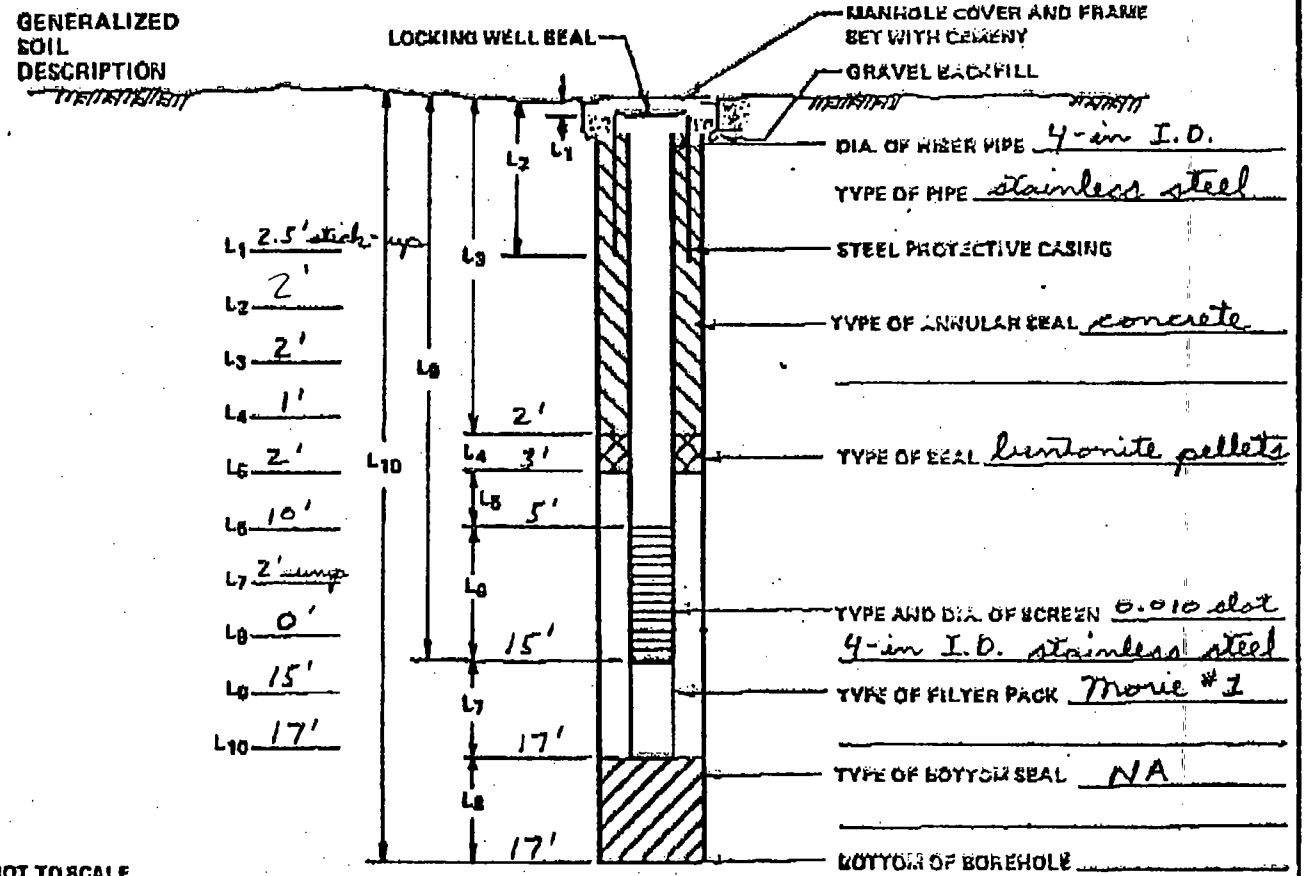
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 27S

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 15.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 17.81	DATE FINISHED: 7/21/93
METHOD OF DRILLING: HSA DIA. OF BOREHOLE: 8-in DEPTH OF BOREHOLE: 17 ft	TOP OF PROTECTIVE CASING ELEV.: 18.07 GROUND WATER ELEV.: —	INSPECTOR: T. M. Reichart CHECKED BY:



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS:

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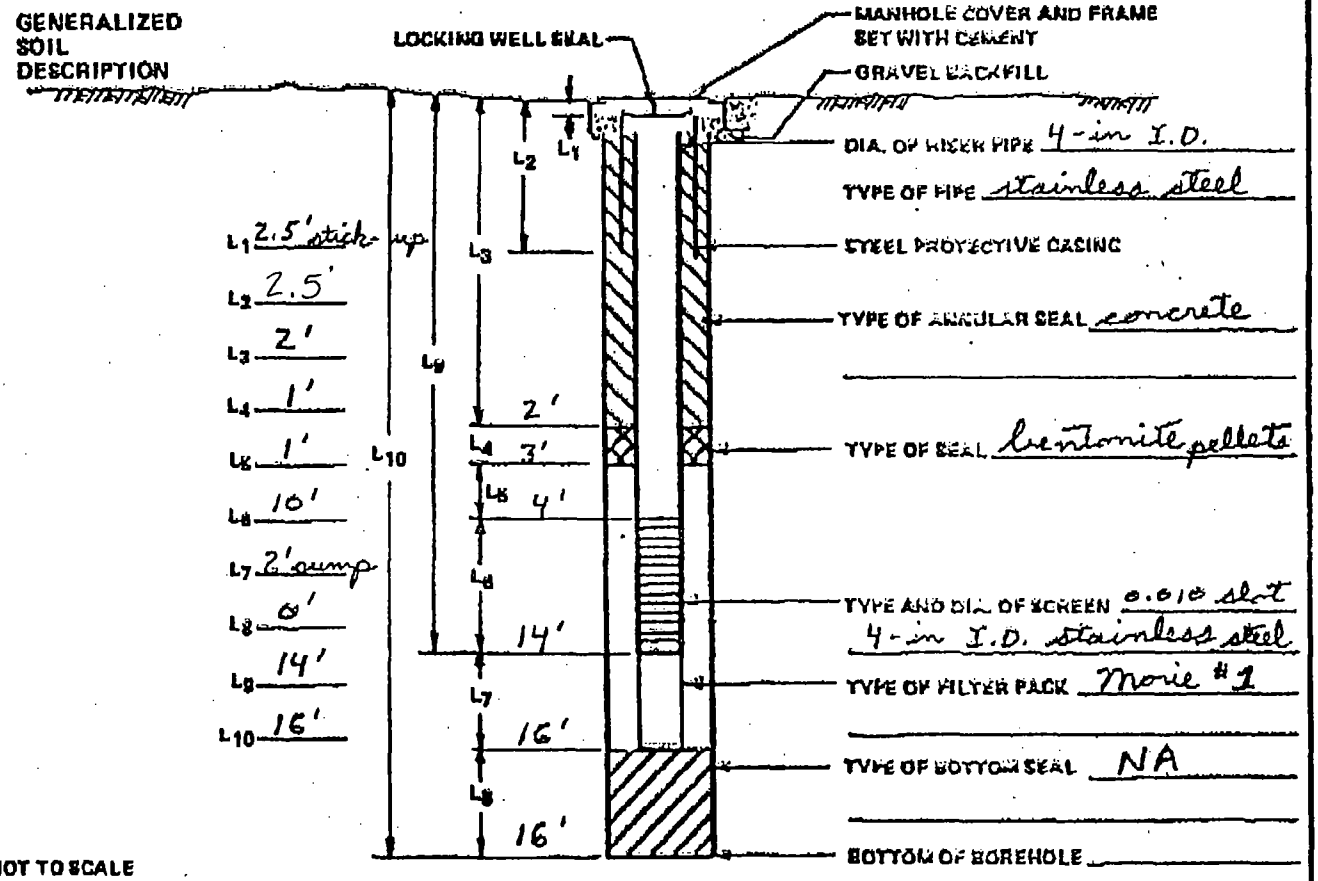
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 28S

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 14.7 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 17.27	DATE FINISHED: 7/21/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 17.39	INSPECTOR: J. M. Reichart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 16 ft		



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS:

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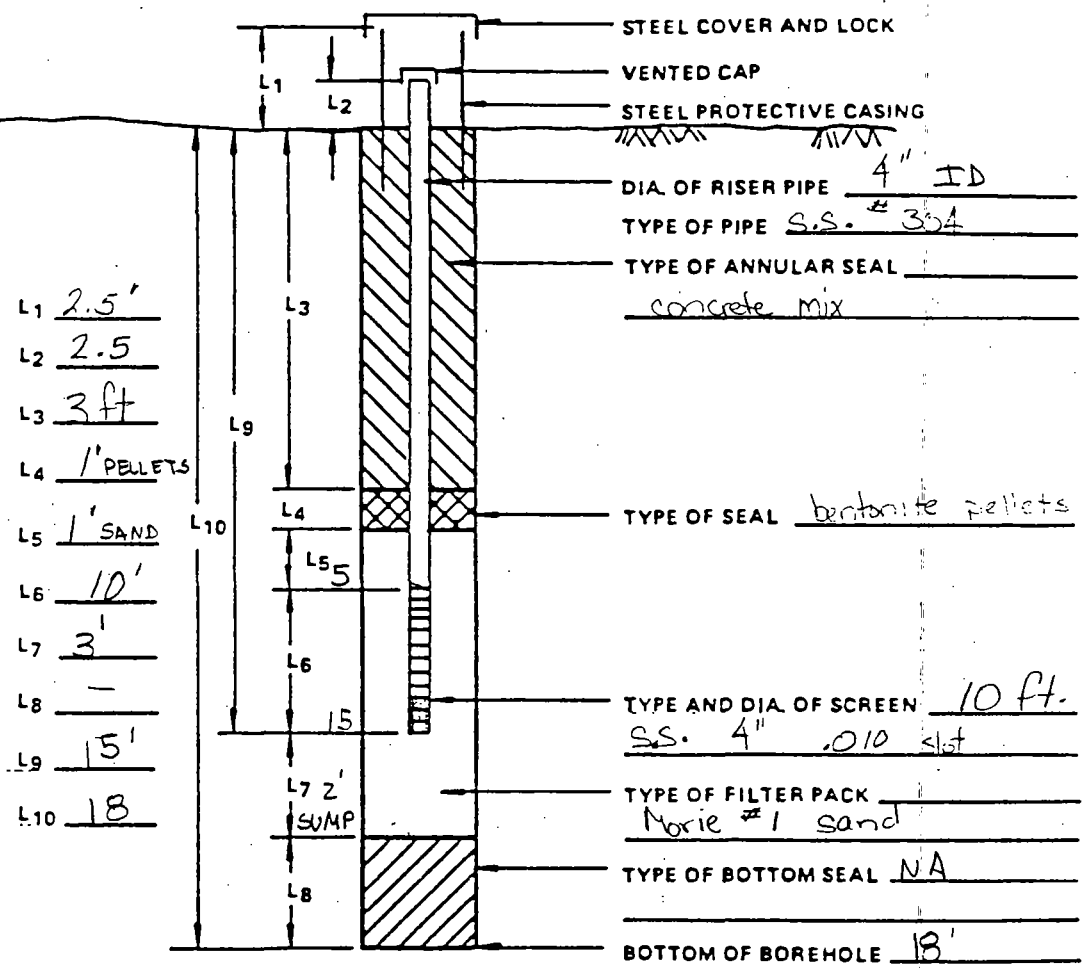
CONSTRUCTION OF MONITORING WELL NO. MW-32S

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
Ciba-Geigy Cranston RI	15.3 MSL	87X4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	17.78	7/22/93
METHOD OF DRILLING Hollow stem augers	**TOP OF PROTECTIVE CASING ELEV.** 18.03	**INSPECTOR:** C. Harwood
DIA. OF BOREHOLE 8"	**GROUND WATER ELEV.** —	**CHECKED BY:** —
DEPTH OF BOREHOLE 17'		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 2.5
L3 3ft
L4 1' PELLETS
L5 1' SAND
L6 10'
L7 3'
L8 —
L9 15'
L10 18

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS 2 foot sump

~ 6 1/4 bags sand

~ 1/2 bucket pellets

~ 2 1/2 bags cement

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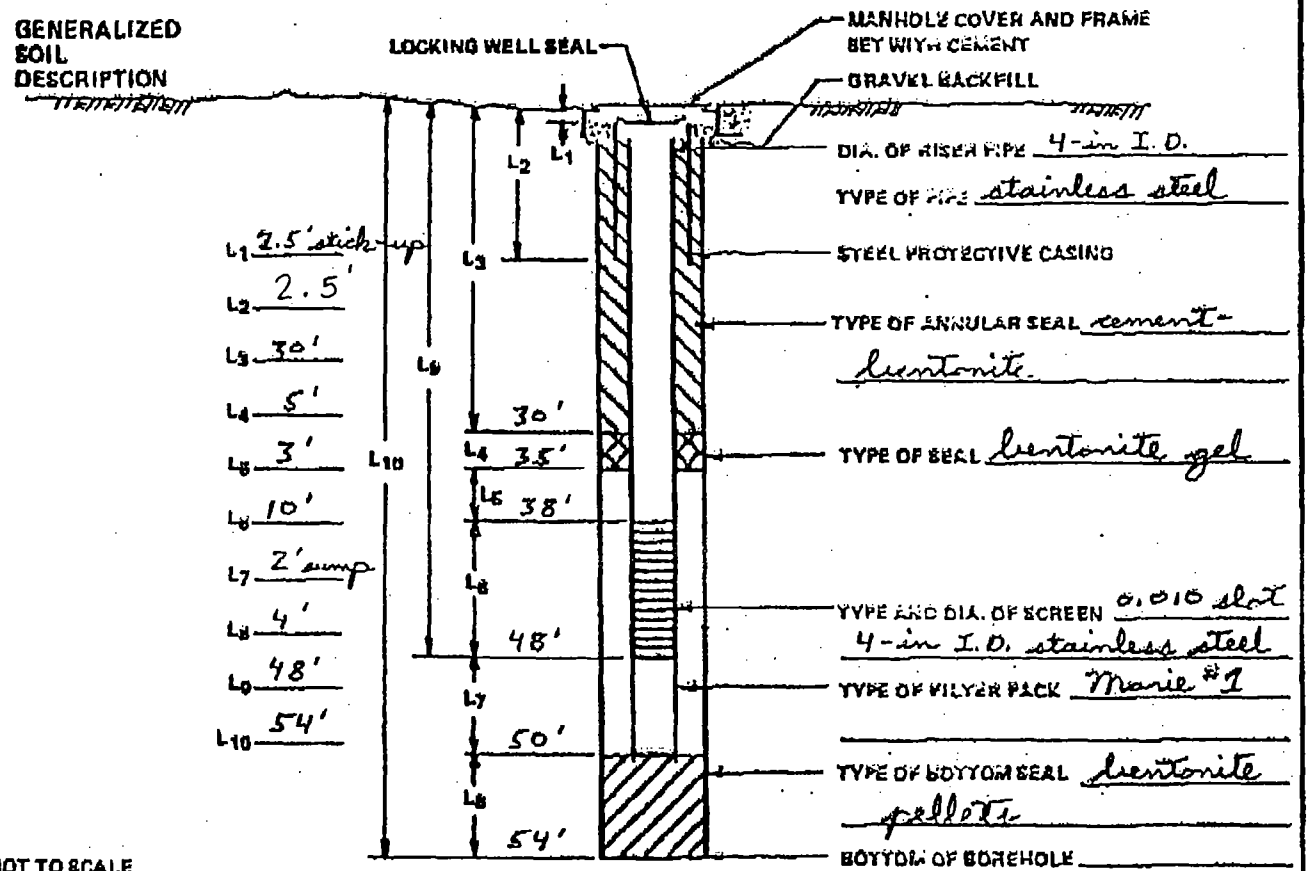
CONSTRUCTION OF FLUSHMOUNT MONITORING WELL NO. 34D

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 16.6 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 19.02	DATE FINISHED: 8/21/93
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 19.42	INSPECTOR: J. M. Reichart
DIA. OF BOREHOLE: 8-in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 54 ft.		



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS: Boring was backfilled to 50' with bentonite pellets and monitoring well was installed.

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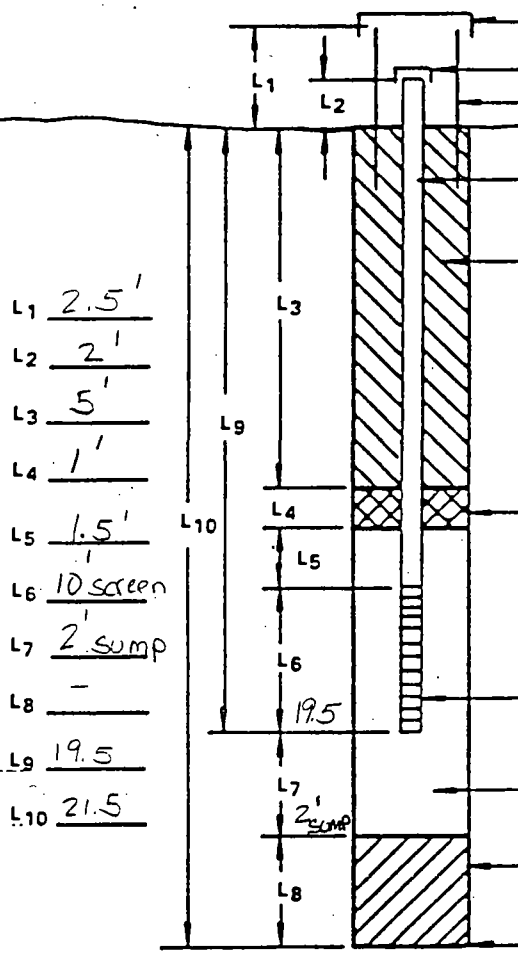
CONSTRUCTION OF MONITORING WELL NO. MW-34S

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 16.4' MSL	PROJECT NO.: 87x4626.0
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 18.85'	DATE FINISHED:
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 19.03'	INSPECTOR: T. M. Reichart
DIA. OF BOREHOLE: 8"	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 21.5 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 2'
L3 5'
L4 1'
L5 1.5'
L6 10' screen
L7 2' sump
L8 —
L9 19.5
L10 21.5

STEEL COVER AND LOCK

VENTED CAP

STEEL PROTECTIVE CASING

DIA. OF RISER PIPE 4" ID

TYPE OF PIPE Stainless Steel

TYPE OF ANNULAR SEAL cement-bentonite

TYPE OF SEAL bentonite gel

TYPE AND DIA. OF SCREEN 0.010 slot 4" ID stainless steel

TYPE OF FILTER PACK Morie #1

TYPE OF BOTTOM SEAL bentonite pellets

BOTTOM OF BOREHOLE

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

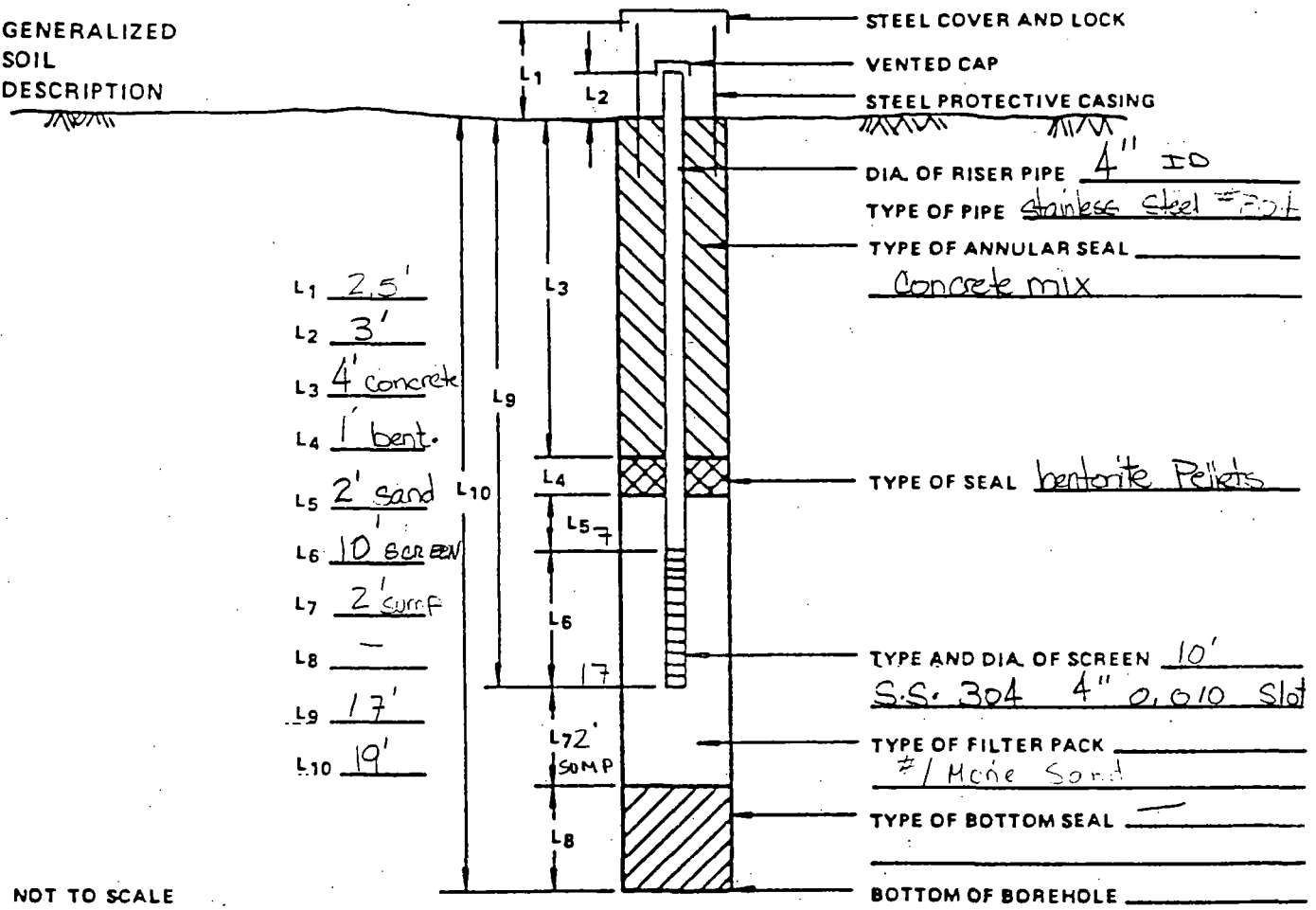
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. MW-35S

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
Ciba-Geigy Cranston RI	22.6 MSL	87x4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	25.58	7/28/93
METHOD OF DRILLING Hollow Stem Auger	**TOP OF PROTECTIVE CASING ELEV.** 25.85	**INSPECTOR:** C. Harwood
DIA. OF BOREHOLE 8"	**GROUND WATER ELEV.** —	**CHECKED BY:**
DEPTH OF BOREHOLE 19'		

GENERALIZED SOIL DESCRIPTION



NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS 2' Sump

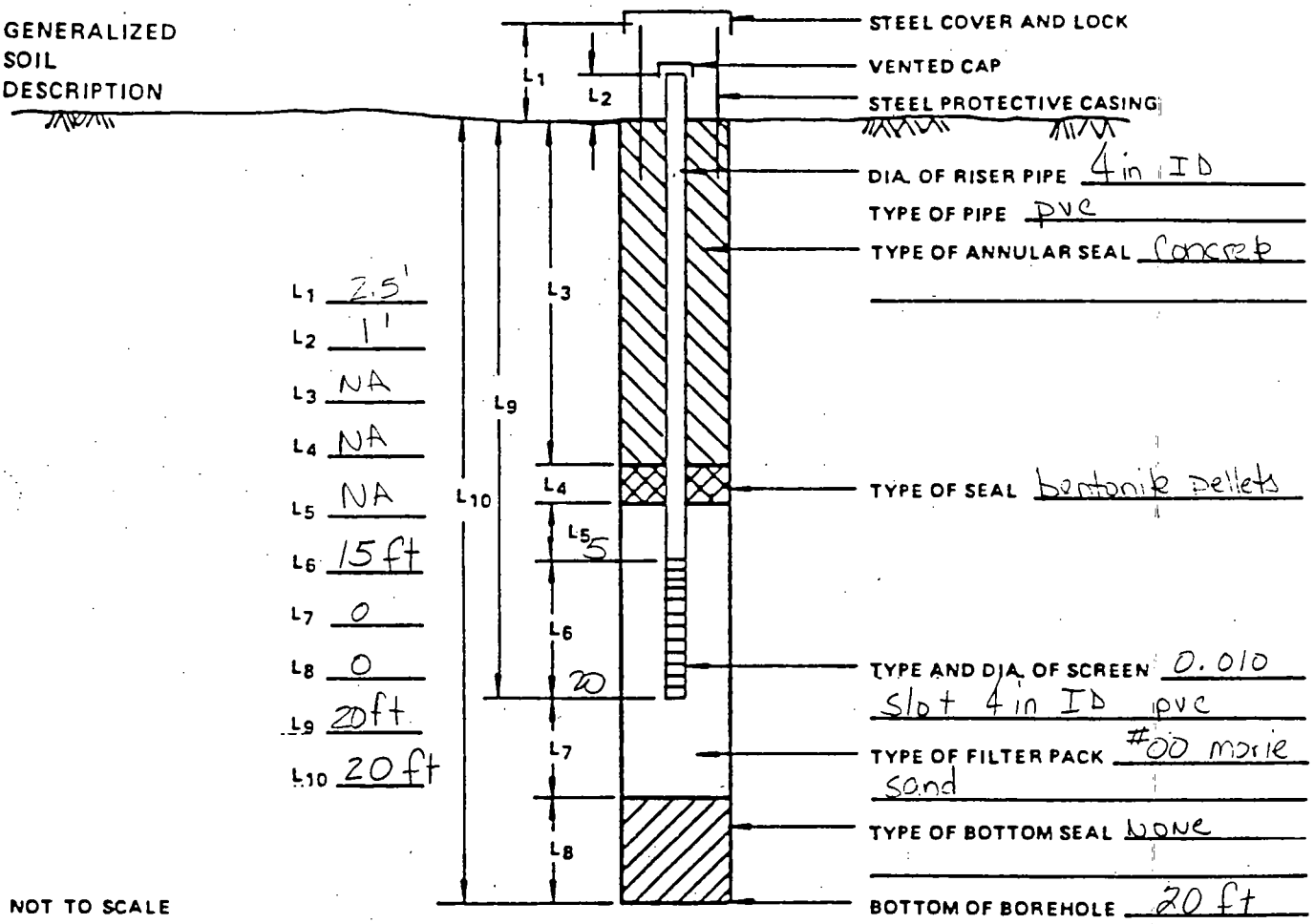
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-4

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
Ciba-Geigy Cranston, Rhode Island	18.4 MSL	87x4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	19.44	
METHOD OF DRILLING Hollow Stem Augers	**TOP OF PROTECTIVE CASING ELEV.** 20.57	**INSPECTOR:** T. M. Reichart
DIA. OF BOREHOLE 8 in	**GROUND WATER ELEV.** —	**CHECKED BY:** —
DEPTH OF BOREHOLE 20 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15 ft
L7 0
L8 0
L9 20ft
L10 20 ft

STEEL COVER AND LOCK

VENTED CAP

STEEL PROTECTIVE CASING

DIA. OF RISER PIPE 4 in ID

TYPE OF PIPE pvc

TYPE OF ANNULAR SEAL Concrete

TYPE OF SEAL bentonite pellets

TYPE AND DIA. OF SCREEN 0.010 slot 4 in ID pvc

TYPE OF FILTER PACK #00 morie sand

TYPE OF BOTTOM SEAL None

BOTTOM OF BOREHOLE 20 ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

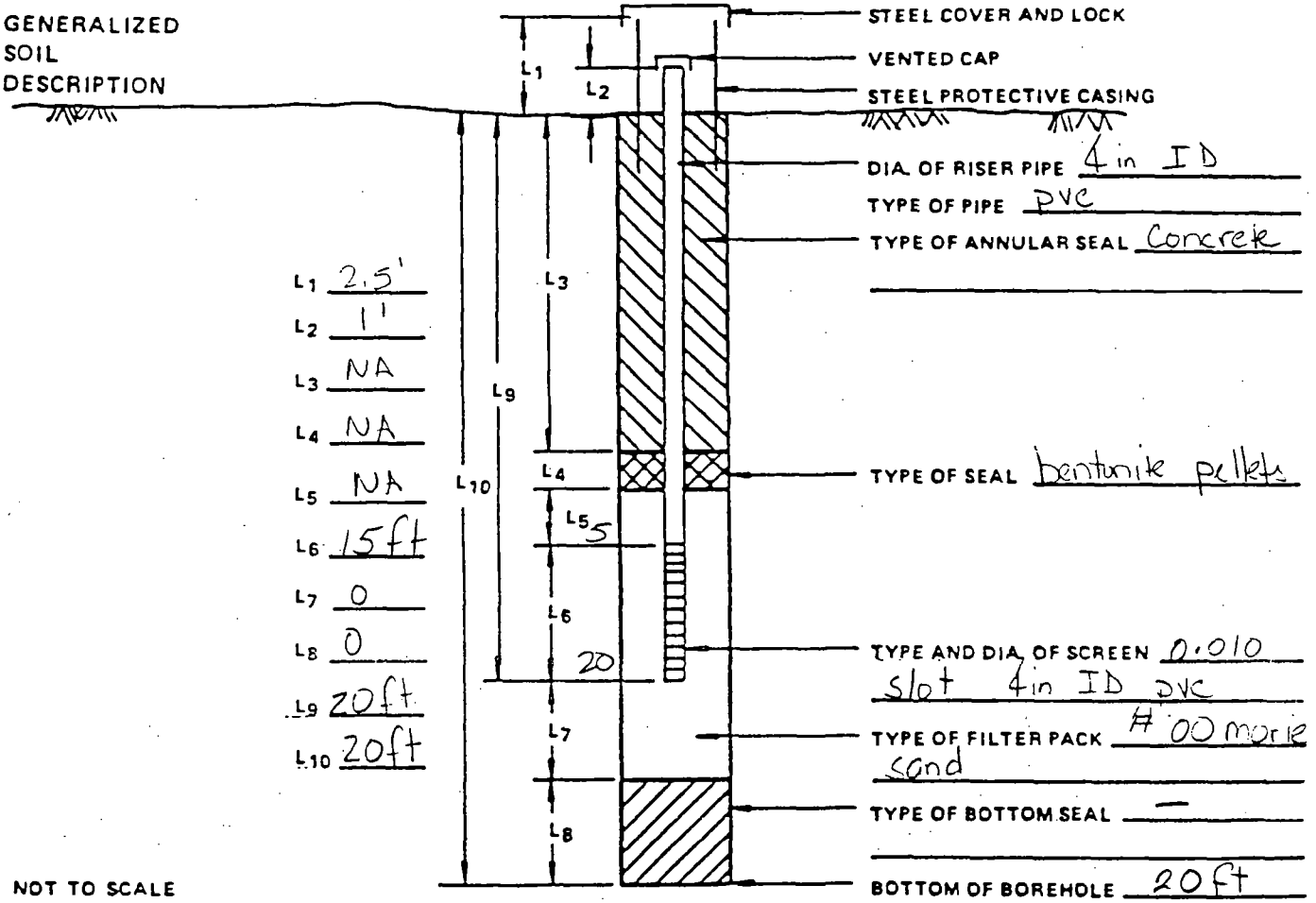
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-5

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
Ciba-Geigy Cranston, Rhode Island	18.7 MSL	87X4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	19.62	
METHOD OF DRILLING Hollow Stem Auger	**TOP OF PROTECTIVE CASING ELEV.** 20.55	**INSPECTOR:** T. M. Reichart
DIA. OF BOREHOLE 8in	**GROUND WATER ELEV.** —	**CHECKED BY:**
DEPTH OF BOREHOLE 20ft		

GENERALIZED SOIL DESCRIPTION



- L_1 2.5'
- L_2 1'
- L_3 NA
- L_4 NA
- L_5 NA
- L_6 15ft
- L_7 0
- L_8 0
- L_9 20ft
- L_{10} 20ft

- STEEL COVER AND LOCK
- VENTED CAP
- STEEL PROTECTIVE CASING
- DIA. OF RISER PIPE 4 in ID
- TYPE OF PIPE pvc
- TYPE OF ANNULAR SEAL Concrete
- TYPE OF SEAL bentonite pellets
- TYPE AND DIA. OF SCREEN 0.010 slot 4 in ID pvc
- TYPE OF FILTER PACK #00 morie sand
- TYPE OF BOTTOM SEAL —
- BOTTOM OF BOREHOLE 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

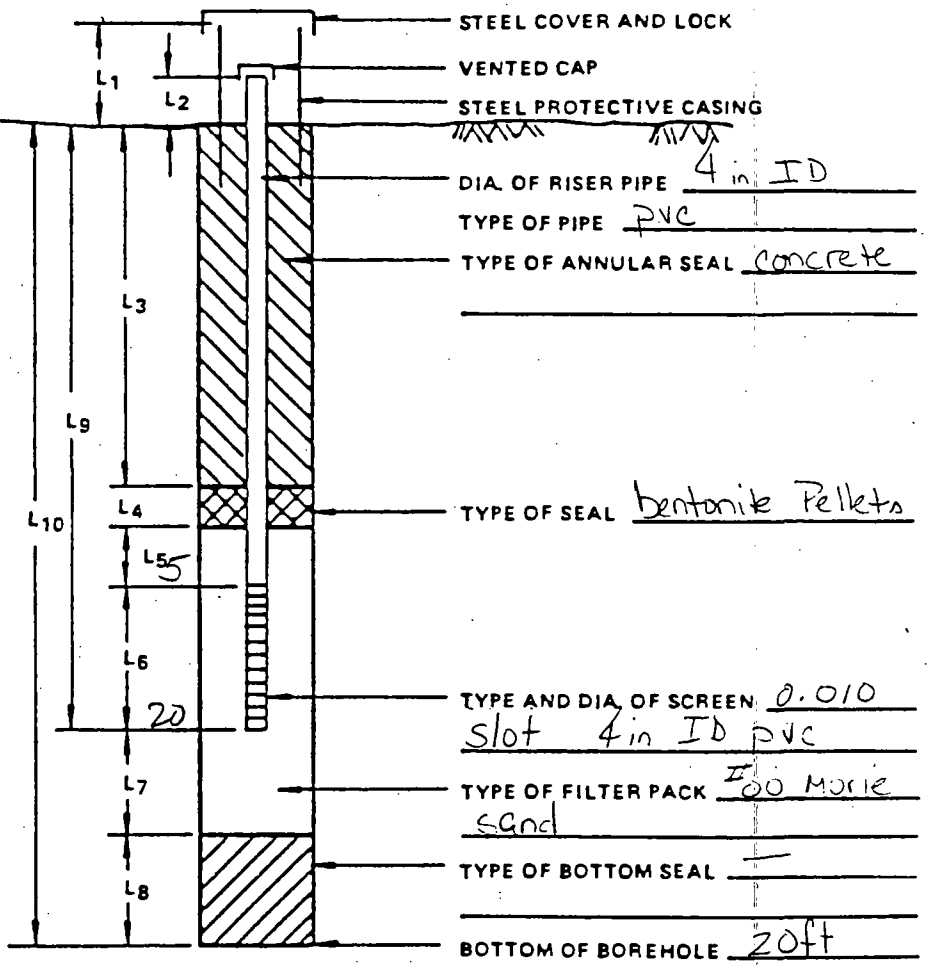
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-6

PROJECT AND LOCATION: Ciba-Geigy Cranston, Rhode Island	GROUND ELEV. AND DATUM: 17.5 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 18.5	DATE FINISHED:
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 20.62	INSPECTOR: T.M. Reichart
DIA. OF BOREHOLE: 8 in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 20ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15 ft
L7 0
L8 0
L9 20ft
L10 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

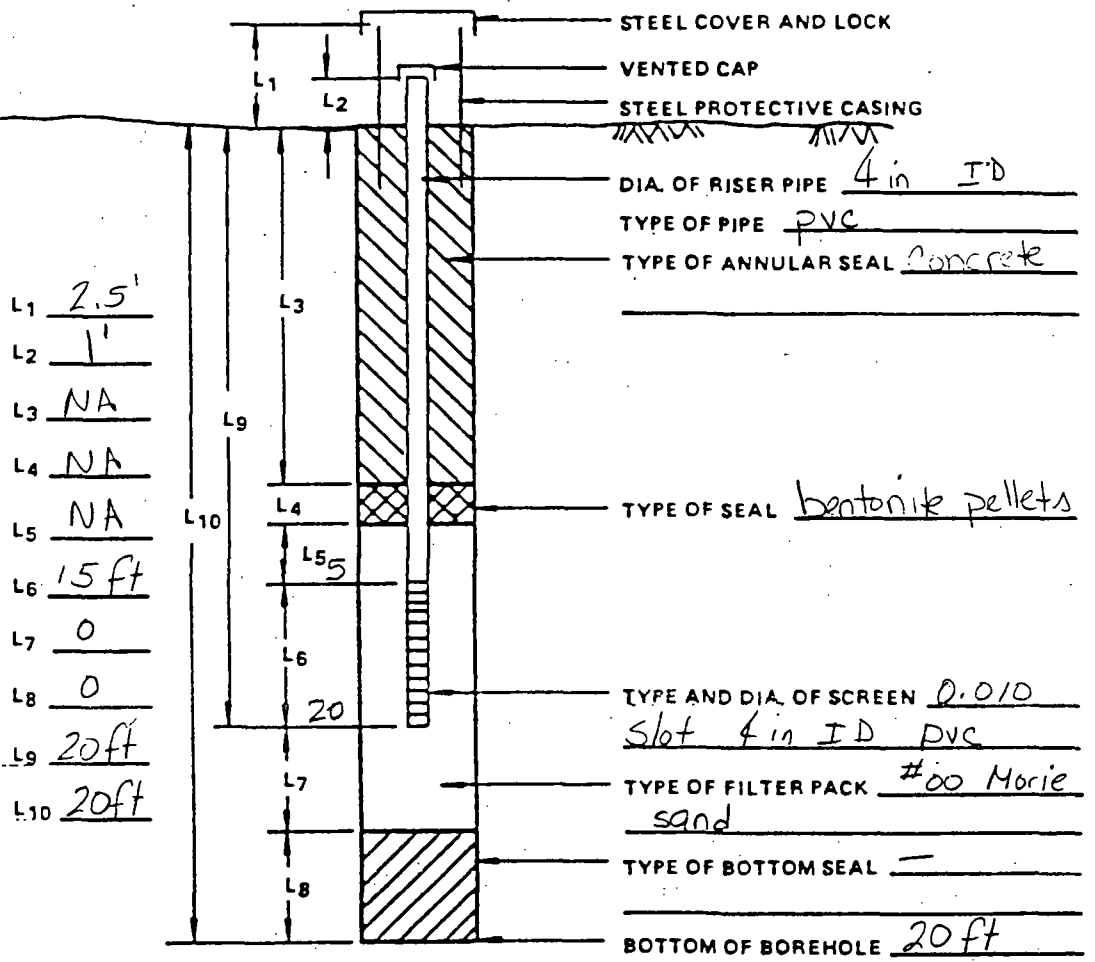
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-7

PROJECT AND LOCATION: Ciba-Geigy Cranston, RI	GROUND ELEV. AND DATUM: 15.8 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 16.97	DATE FINISHED:
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 18.18	INSPECTOR: T.M. Kerchart
DIA. OF BOREHOLE: 8 in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 20 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15 ft
L7 0
L8 0
L9 20ft
L10 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

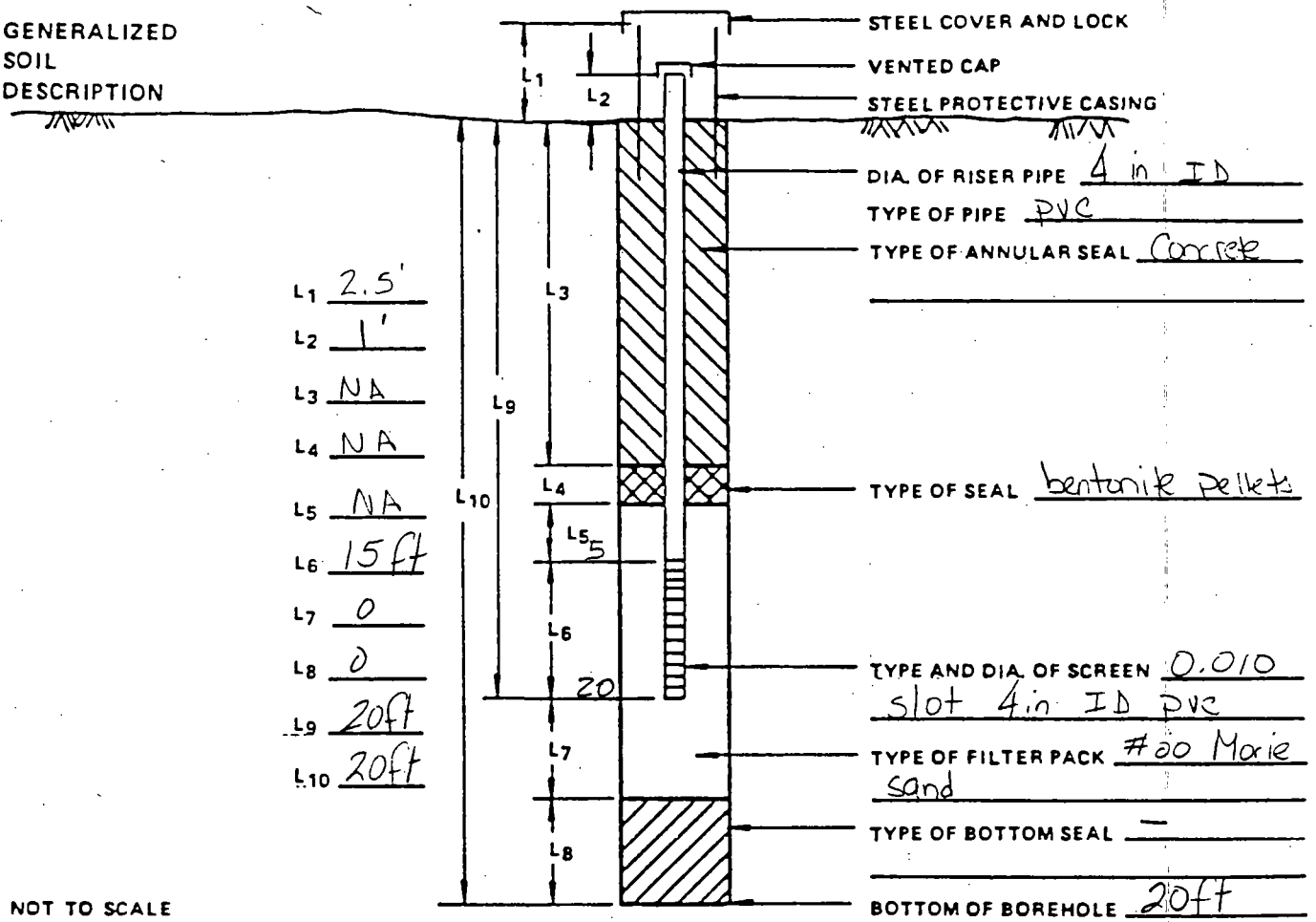
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-8

ROJECT AND LOCATION: Ciba-Geigy Cranston, RI	GROUND ELEV. AND DATUM: 16.9 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 18.11	DATE FINISHED:
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 18.71	INSPECTOR: T M Reichart
DIA. OF BOREHOLE: 8 in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 20 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15ft
L7 0
L8 0
L9 20ft
L10 20ft

STEEL COVER AND LOCK

VENTED CAP

STEEL PROTECTIVE CASING

DIA. OF RISER PIPE 4 in ID

TYPE OF PIPE PVC

TYPE OF ANNULAR SEAL Concrete

TYPE OF SEAL bentonite pellets

TYPE AND DIA. OF SCREEN 0.010 slot 4 in ID PVC

TYPE OF FILTER PACK #00 Marie sand

TYPE OF BOTTOM SEAL —

BOTTOM OF BOREHOLE 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

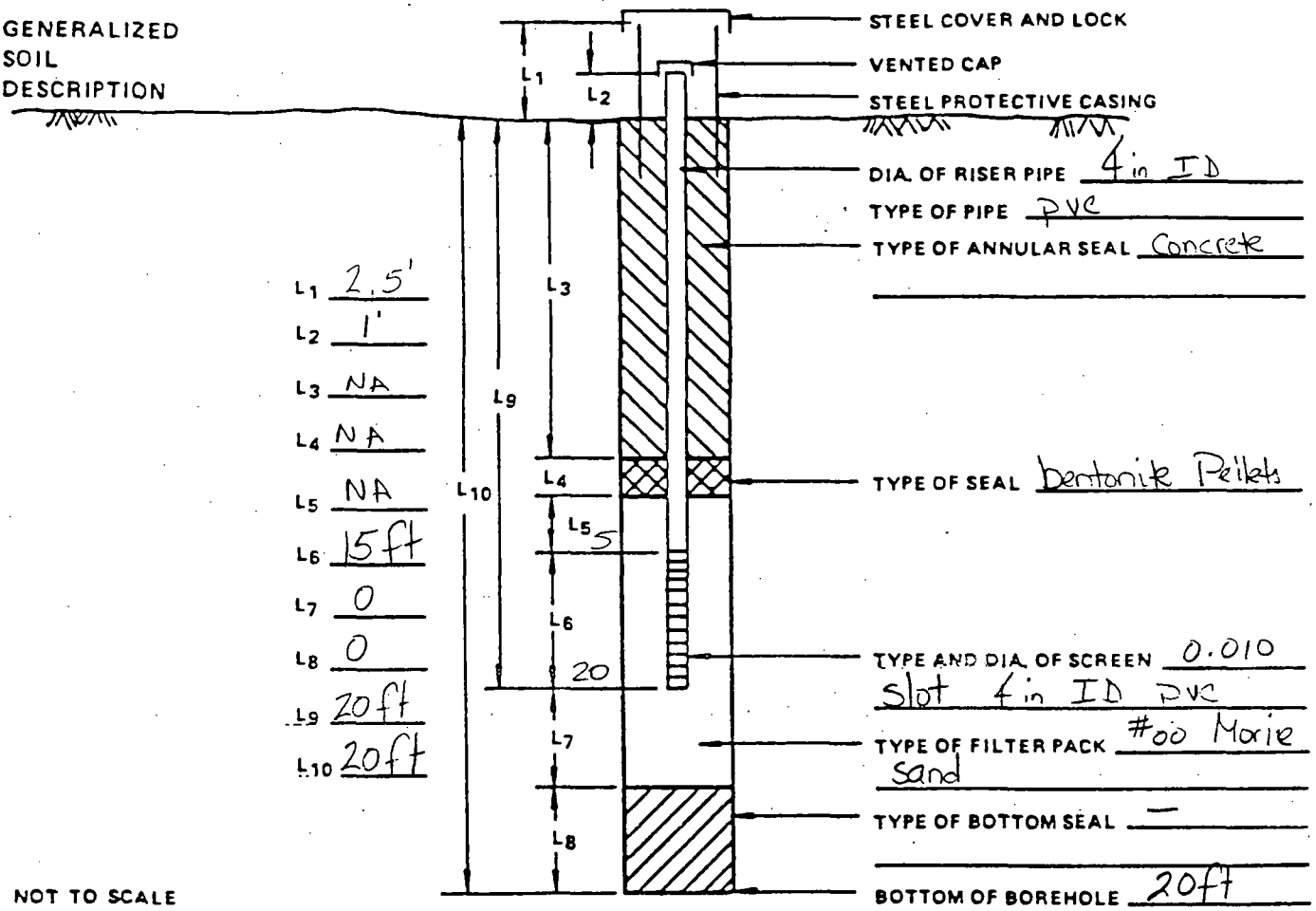
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-9

PROJECT AND LOCATION	GROUND ELEV. AND DATUM	PROJECT NO.
UBA - Geigy Cranston, RI	18.6 MSL	87X4660
DRILLING AGENCY	**TOP OF RISER ELEV.**	**DATE FINISHED**
Burlington Environmental	19.6	
METHOD OF DRILLING HSA	**TOP OF PROTECTIVE CASING ELEV.** 20.2	**INSPECTOR:** T.M. Reichart
DIA. OF BOREHOLE 8 in	**GROUND WATER ELEV.** —	**CHECKED BY:**
DEPTH OF BOREHOLE 20 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15ft
L7 0
L8 0
L9 20ft
L10 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

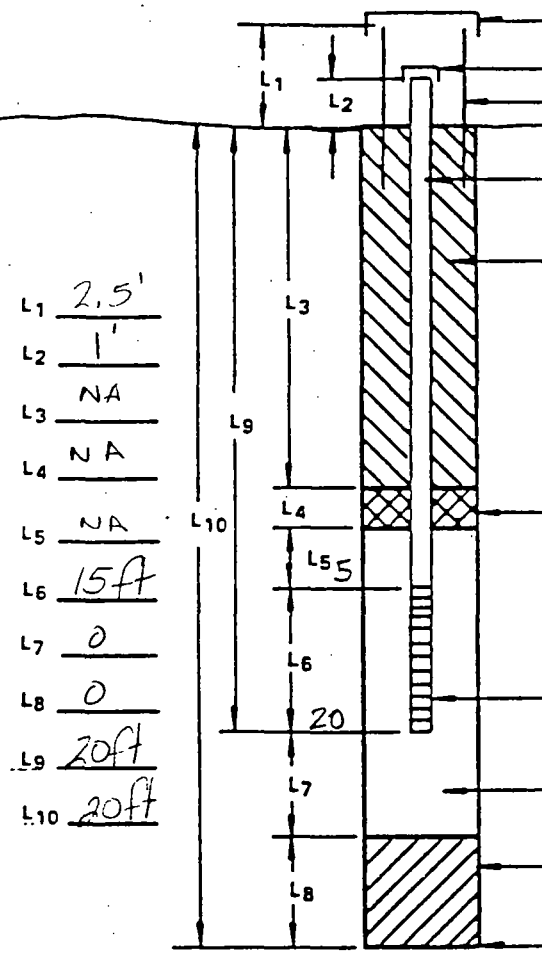
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

CONSTRUCTION OF MONITORING WELL NO. VE-10

PROJECT AND LOCATION: URA Gelo, Cranston RI	GROUND ELEV. AND DATUM: 19.1 MSL	PROJECT NO.: 87X4660
DRILLING AGENCY: Burlington Environmental	TOP OF RISER ELEV.: 20.08	DATE FINISHED:
METHOD OF DRILLING: HSA	TOP OF PROTECTIVE CASING ELEV.: 21.05	INSPECTOR: T M REICHART
DIA. OF BOREHOLE: 8 in	GROUND WATER ELEV.: —	CHECKED BY:
DEPTH OF BOREHOLE: 20 ft		

GENERALIZED SOIL DESCRIPTION



L1 2.5'
L2 1'
L3 NA
L4 NA
L5 NA
L6 15ft
L7 0
L8 0
L9 20ft
L10 20ft

STEEL COVER AND LOCK

VENTED CAP

STEEL PROTECTIVE CASING

DIA. OF RISER PIPE 4 in ID

TYPE OF PIPE PVC

TYPE OF ANNULAR SEAL concrete

TYPE OF SEAL bentonite pellets

TYPE AND DIA. OF SCREEN 0.010 slot 4 in ID PVC

TYPE OF FILTER PACK Morie #00

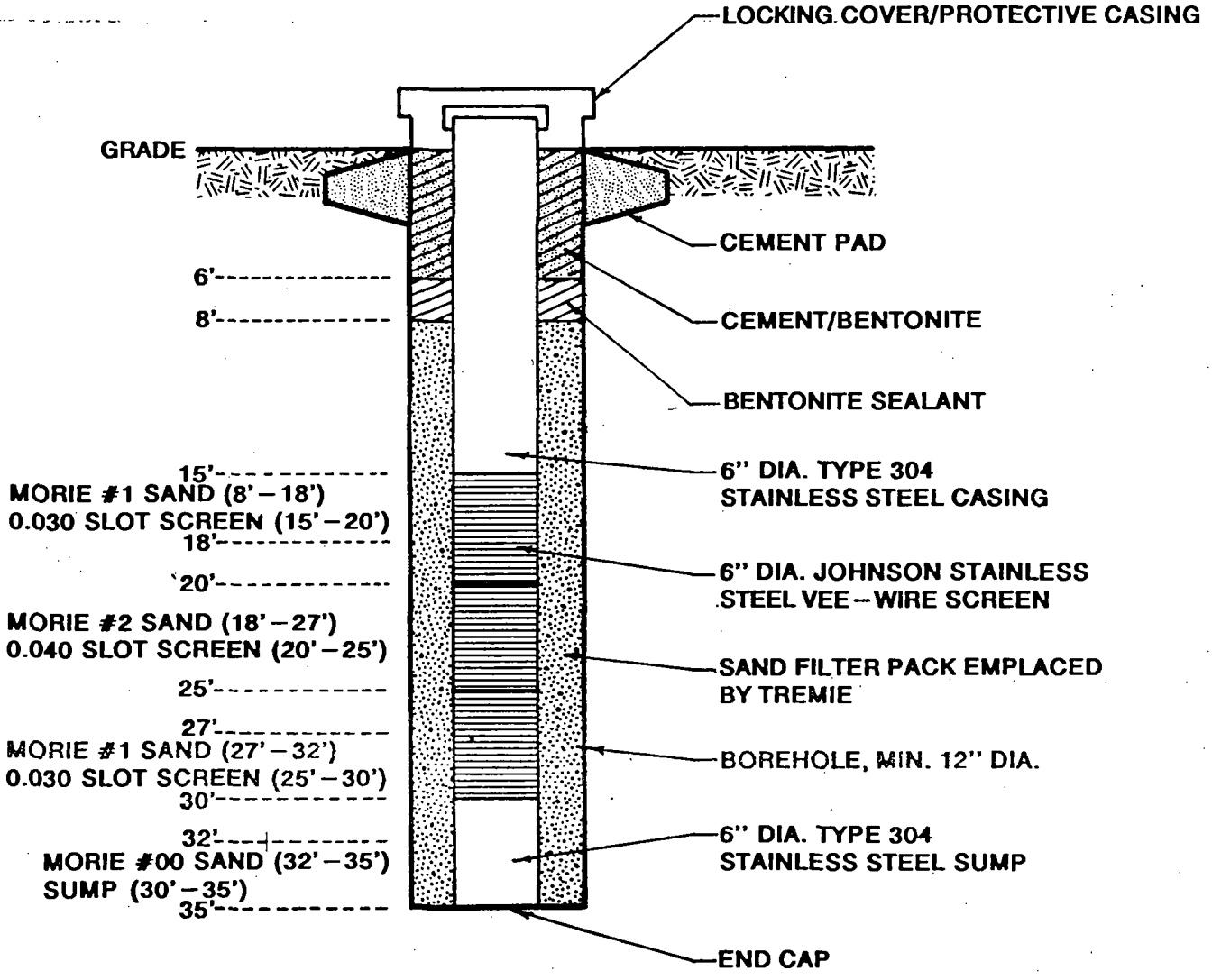
TYPE OF BOTTOM SEAL —

BOTTOM OF BOREHOLE 20ft

NOT TO SCALE
(VALUES REPORTED IN FT)

REMARKS

WELL CONSTRUCTION DETAILS (AS BUILT)
RC–3



0 8 16 FT

VERTICAL SCALE

HORIZONTAL NOT TO SCALE

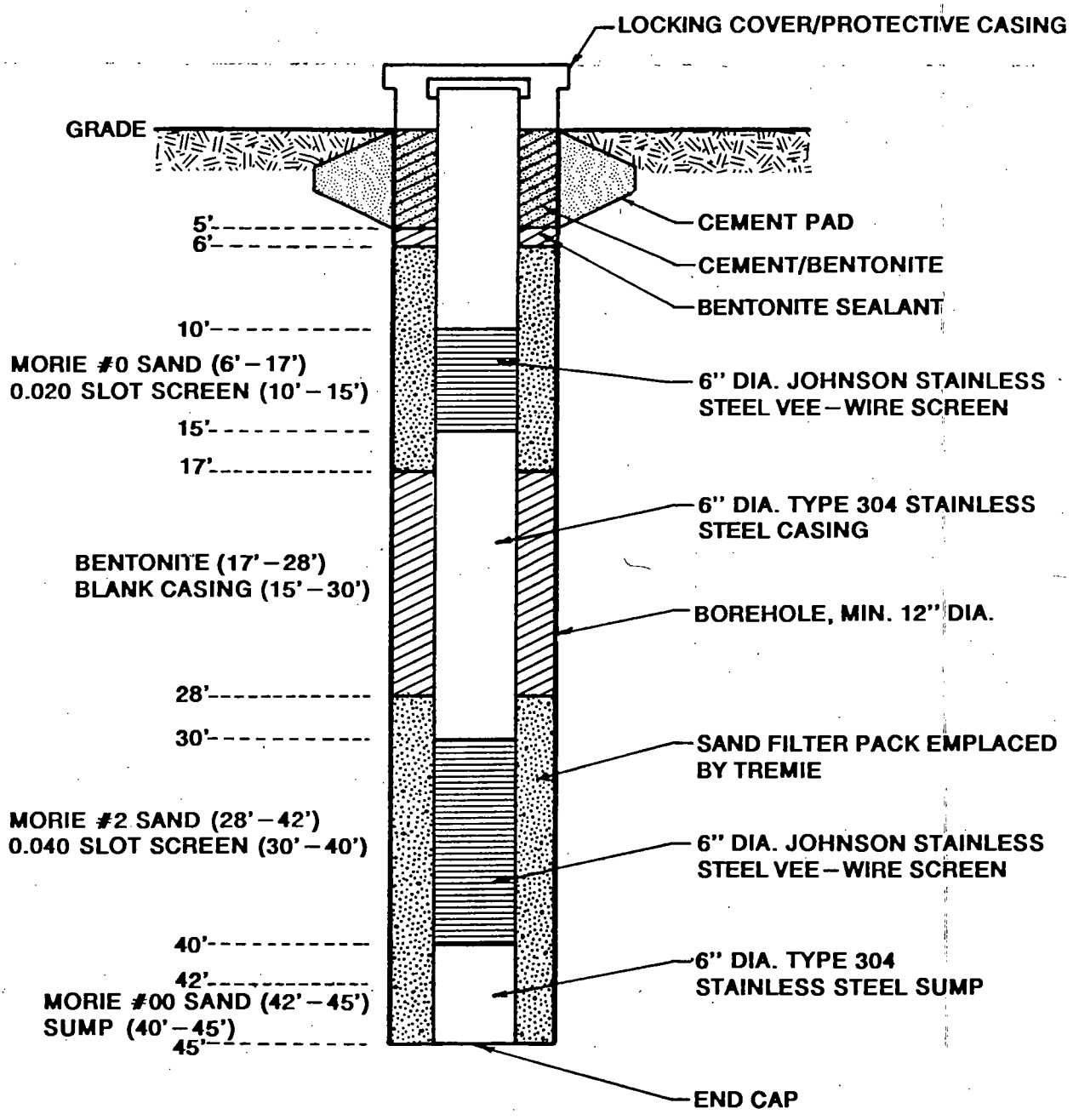
WELL CONSTRUCTION DETAILS RC–3

WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
WAYNE, NEW JERSEY

DR. BY:	KJFH	SCALE:	AS SHOWN	PROJ. NO.:	87X4660
CK'D BY:	TRP	DATE:	OCT. 25, 1993	FIG. NO.:	A–3

WELL CONSTRUCTION DETAILS (AS BUILT)
RC–5



0 8 16 FT

VERTICAL SCALE

HORIZONTAL NOT TO SCALE

WELL CONSTRUCTION DETAILS RC–5

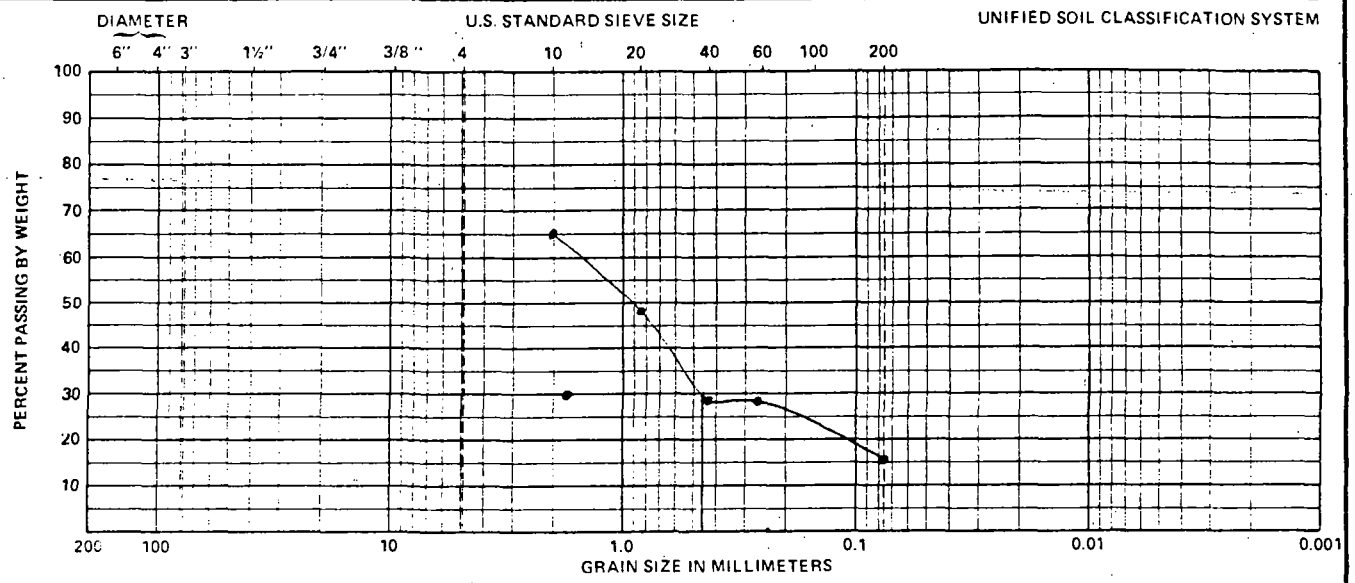
WOODWARD–CLYDE CONSULTANTS

CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS
WAYNE, NEW JERSEY

DR. BY:	KJFH	SCALE:	AS SHOWN	PROJ. NO.:	87X4660
CK'D BY:	TRP	DATE:	OCT. 25, 1993	FIG. NO.:	A–4

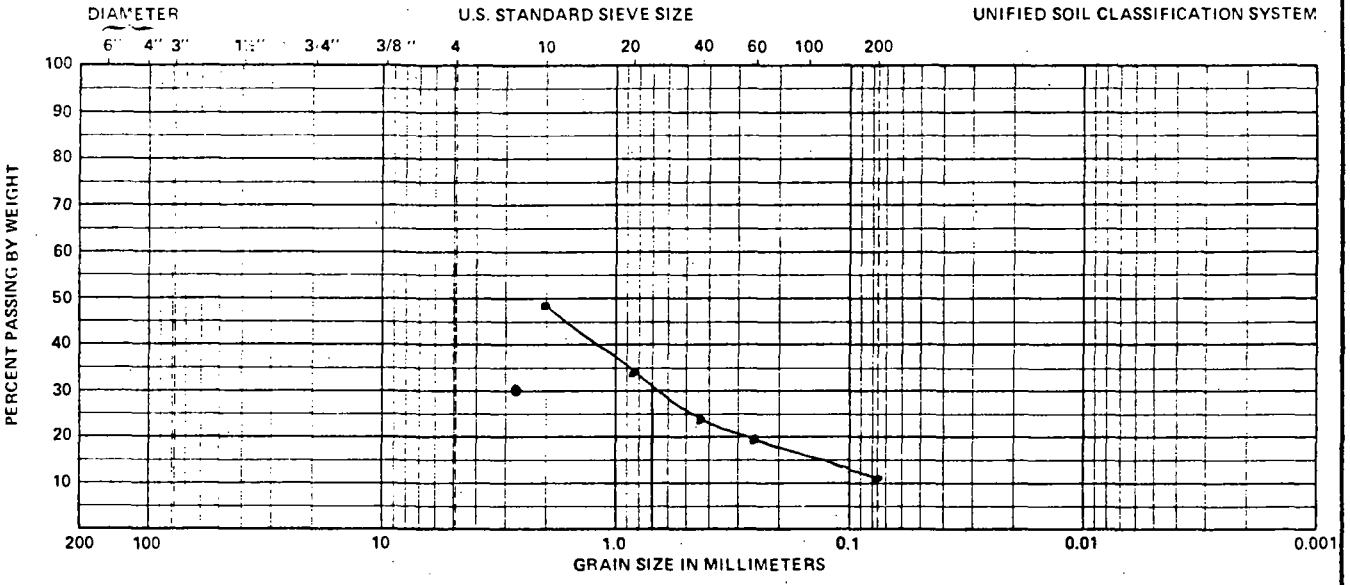
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-4A	6-8		D_{30} (sand pack) = (0.47)(4) = 1.88			
				$UC = D_{60}/D_{10}$ =			
				Monie #2; 40-slot			

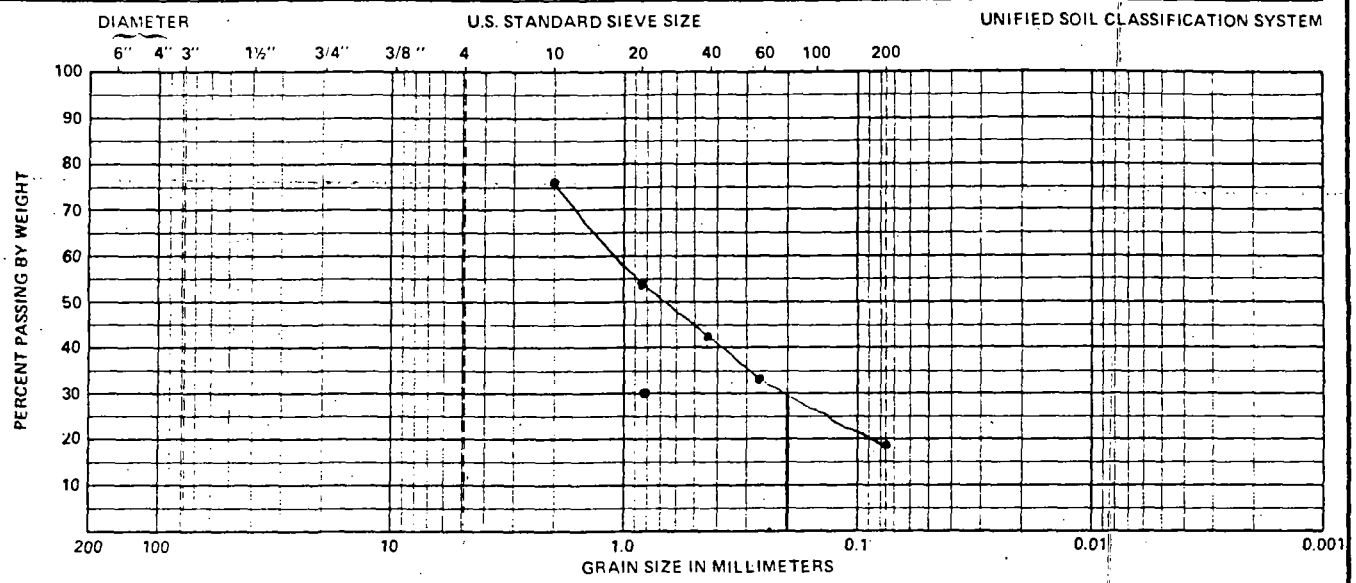
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-5	8-10		D_{30} (sand pack) = (0.7)(4) = 2.8			
				Monie #2; 40-slot			

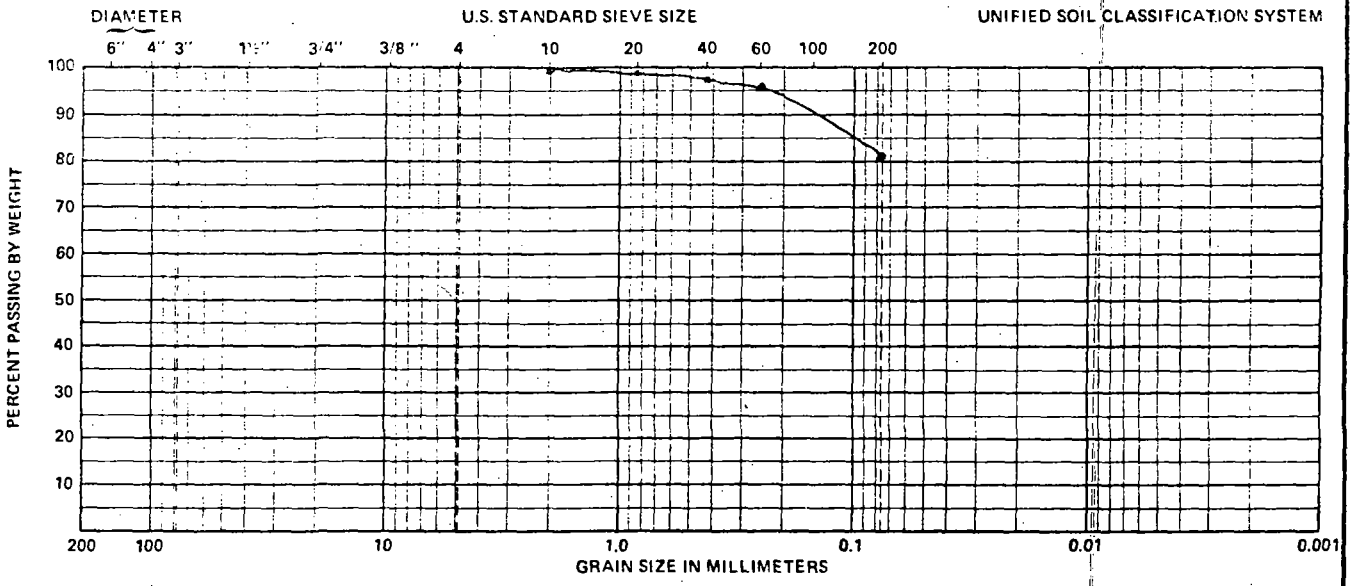
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



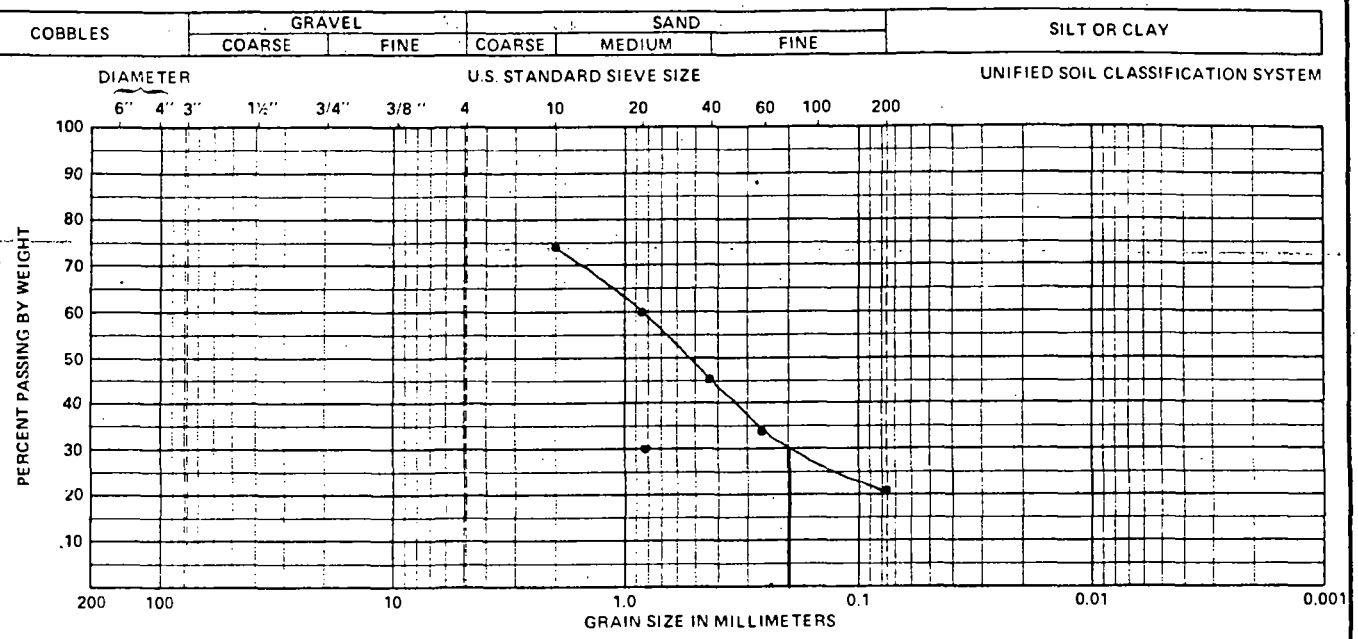
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-6A	10-12		$D_{30} = (0.2)(4) = 0.8$			
				Morie #0; 20-slot			

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

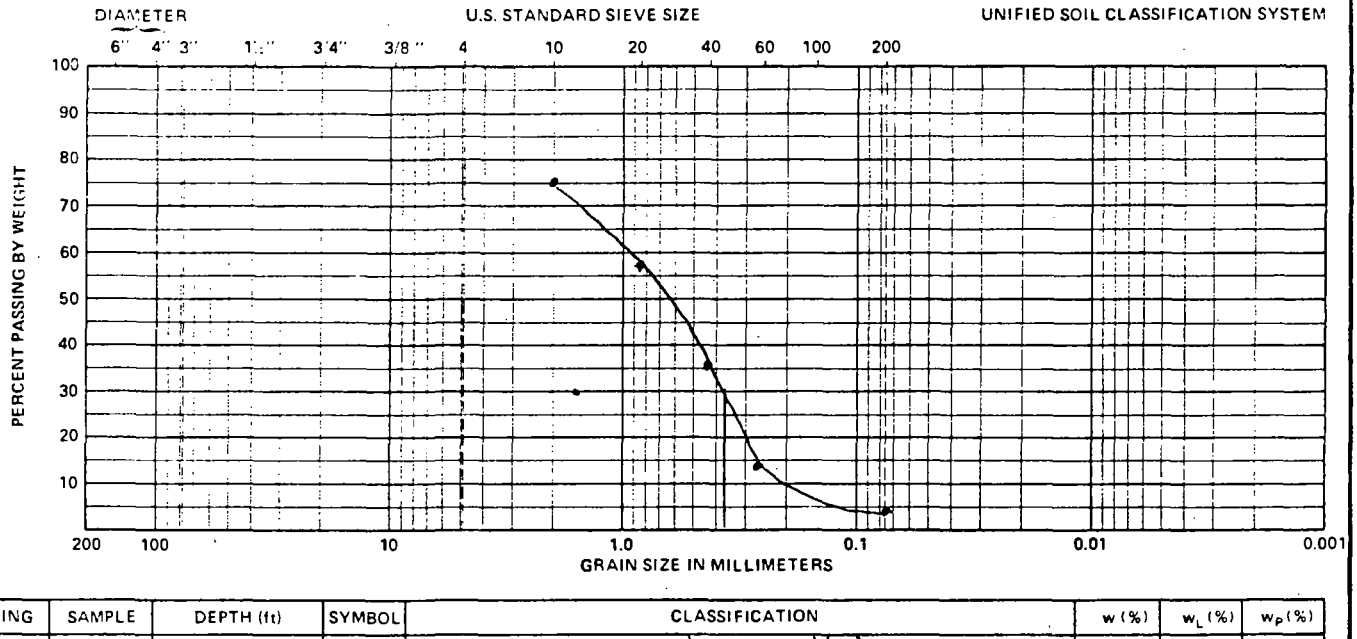


BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-6B	10-12					

PARTICLE-SIZE DISTRIBUTION



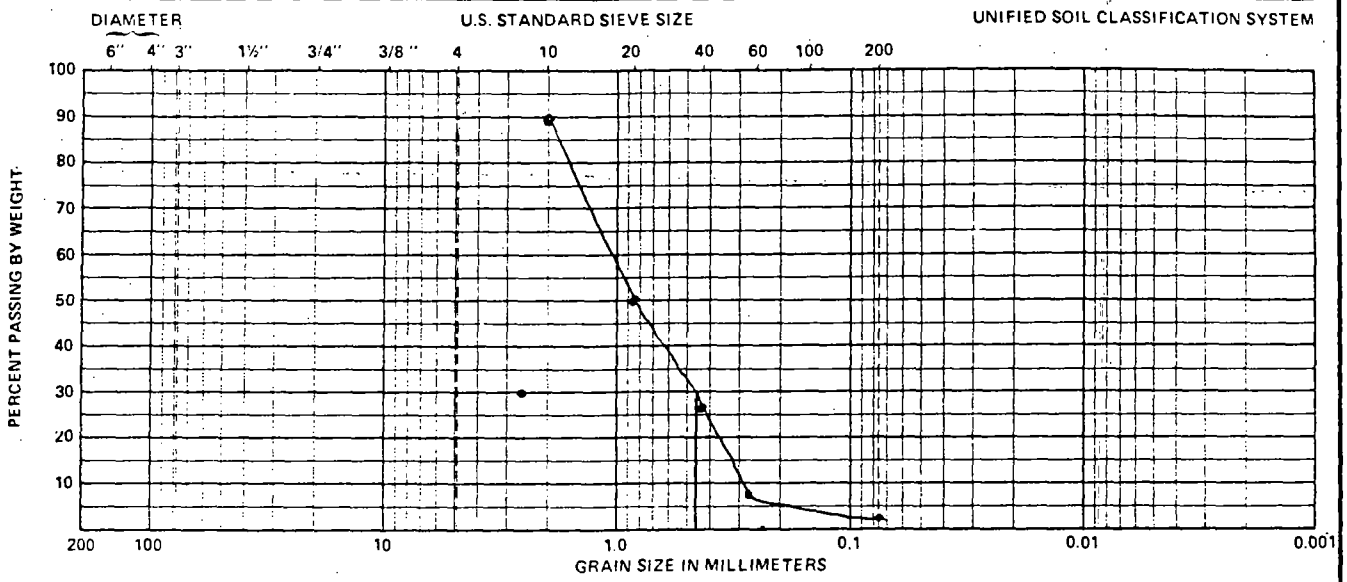
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-6C	10-12		D_{30}(sand pack) = (0.2)(4) = 0.8			
				Morie #0; 20-slot			



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-7	12-14		D_{30}(sand pack) = (0.37)(5) = 1.85			
				Morie #2; 40-slot			

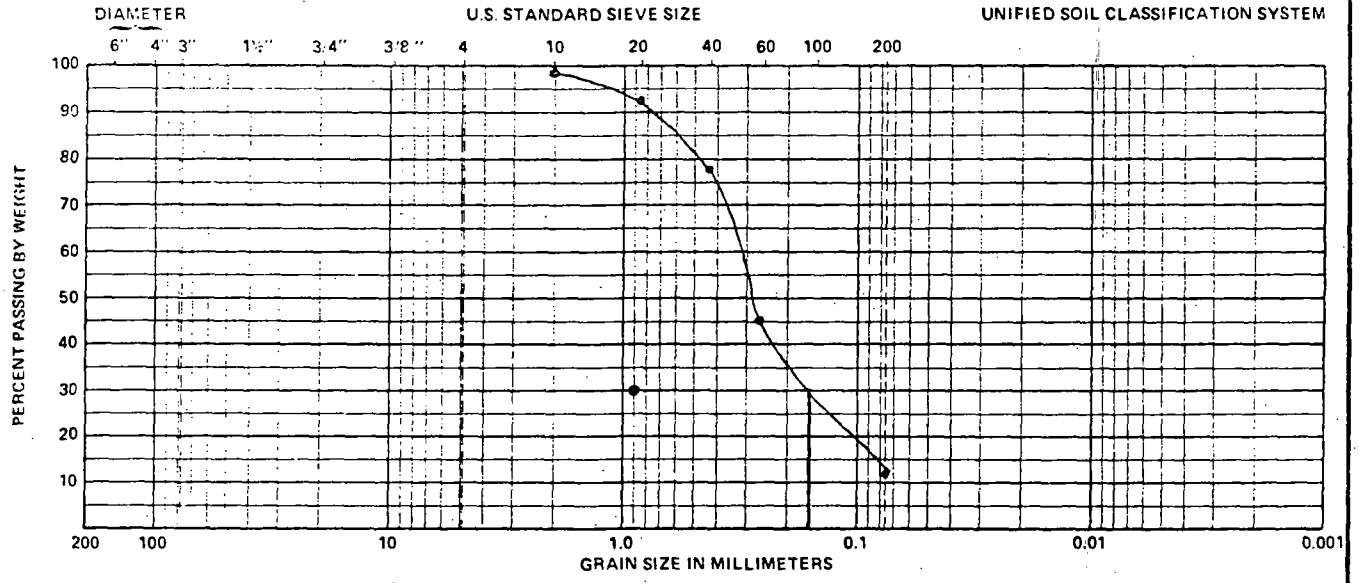
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-8	14 - 16		D_{30} (sand pack) = (0.46)(6) = 2.76			
				Morie # 2 ; 40-slot			

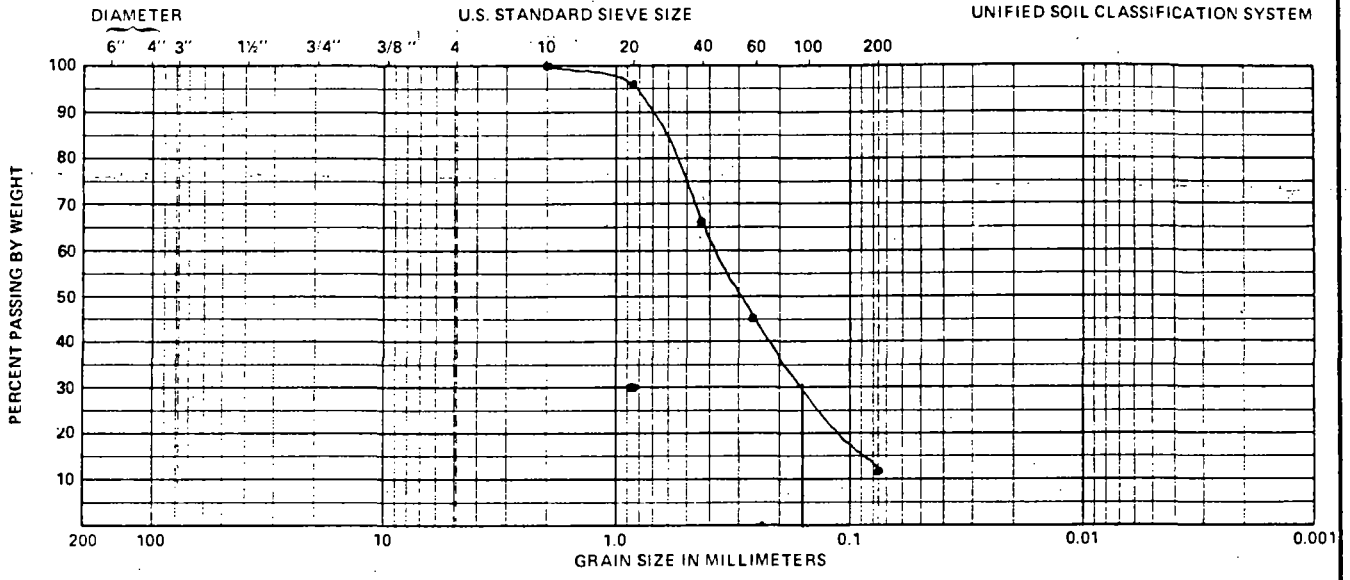
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-9A	16-18		D_{30} (sand pack) = (0.18)(5) = 0.9			
				Morie # 1 ; 30-slot			

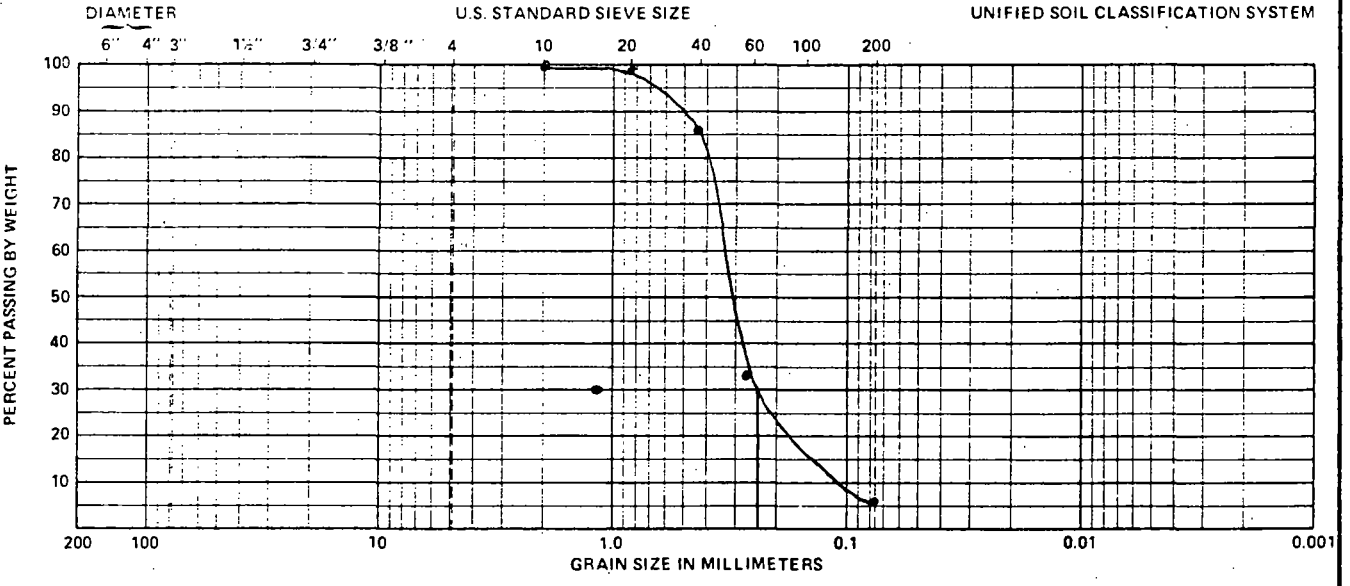
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



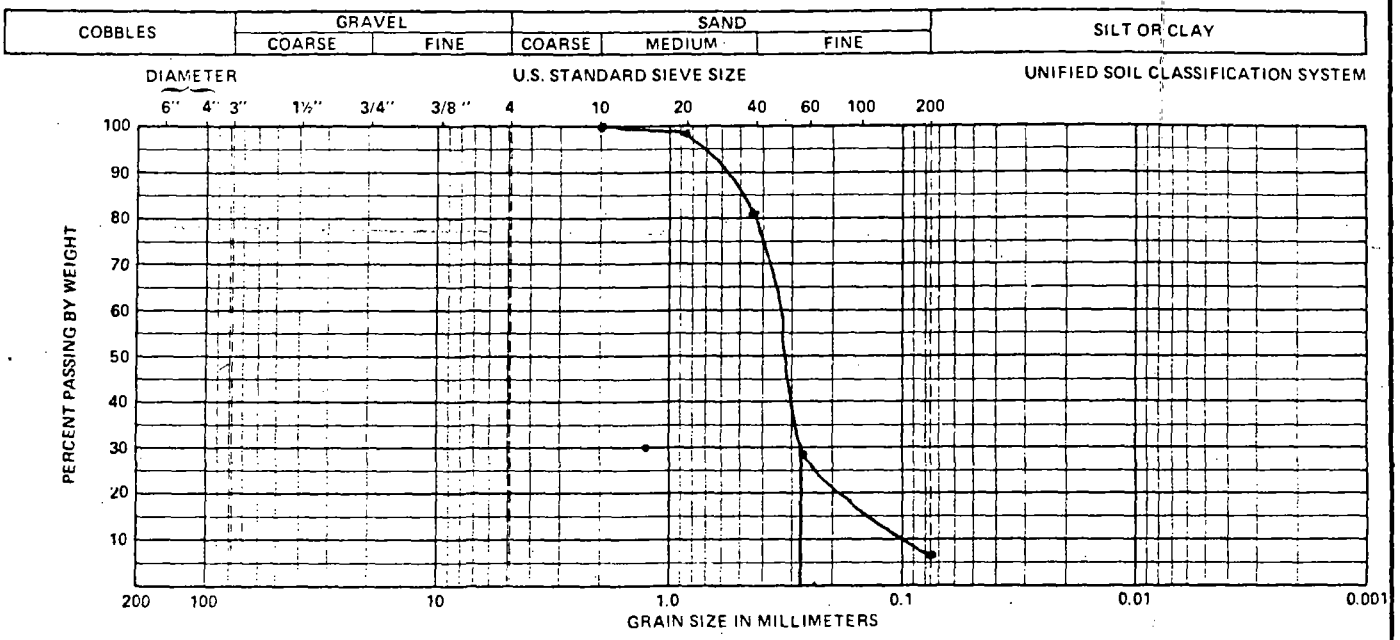
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-9B	16-18		D_{30} (sand parts) = (0.17)(5) = 0.85			
				Monie #0; 20-slot			

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

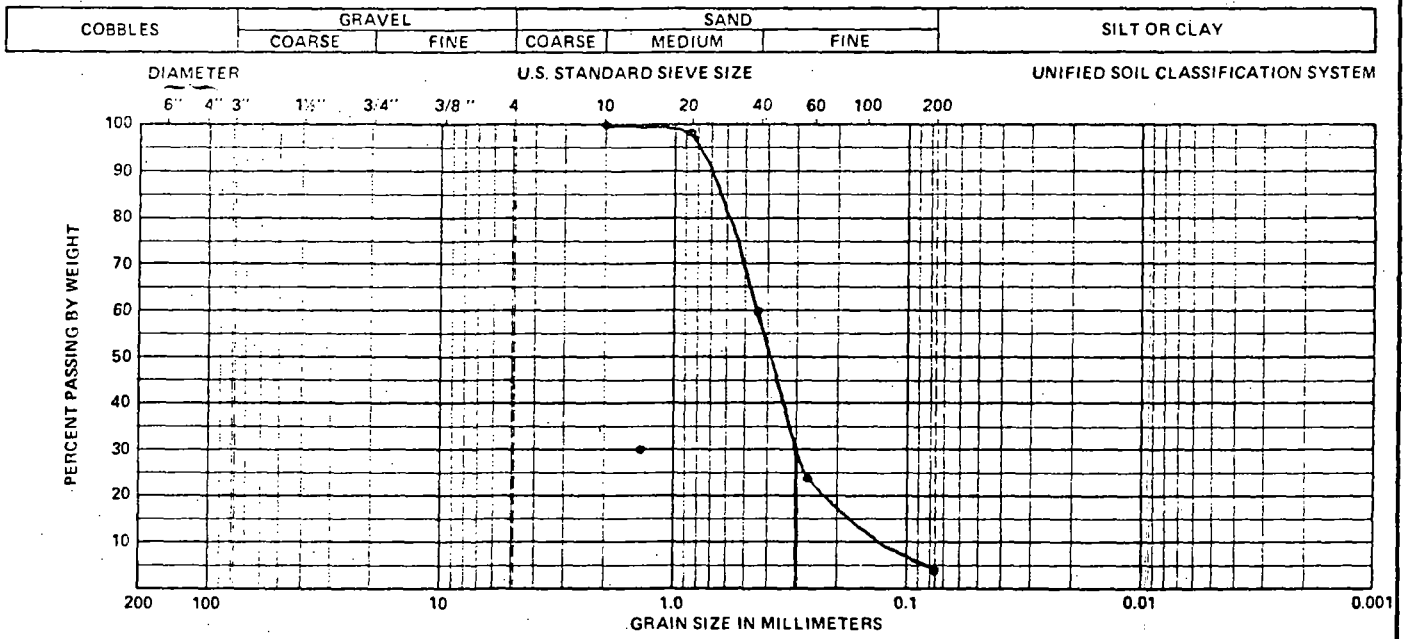


BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-10	18-20		D_{30} (sand parts) = (0.25)(5) = 1.25			
				Monie #1; 30-slot			

PARTICLE-SIZE DISTRIBUTION



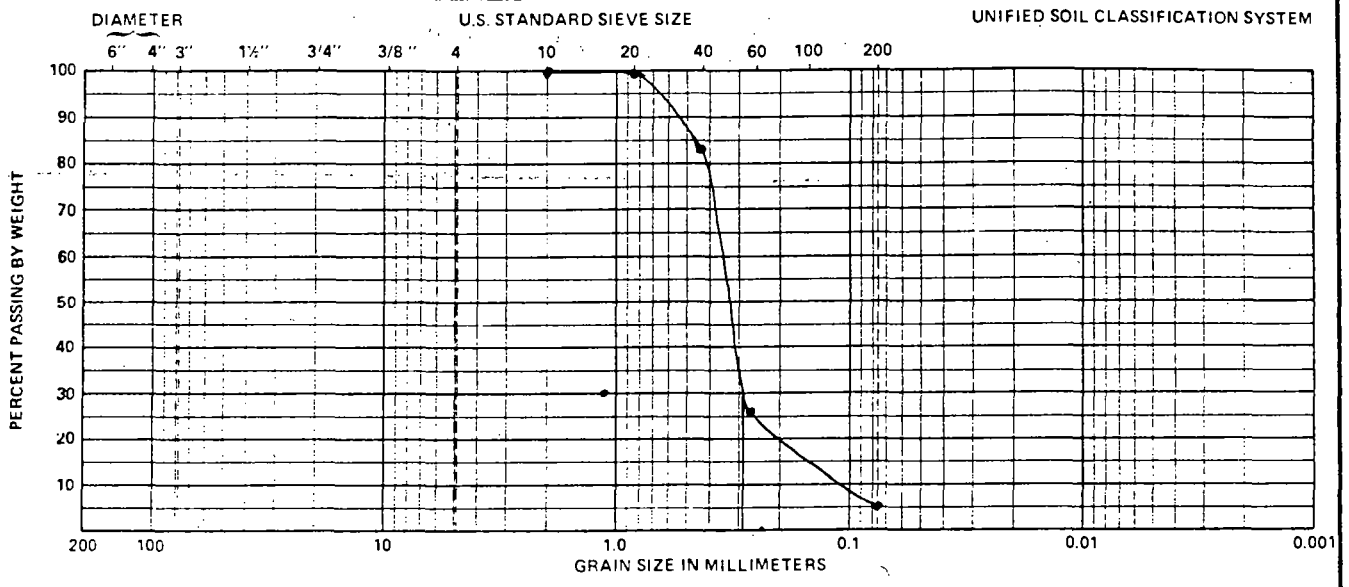
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-11	20-22		$D_{30}(\text{sand pack}_c) = (0.28)(5) = 1.4$			
				Morie #2; 40-slot			



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-12	22-24		$D_{30}(\text{sand pack}_c) = (0.3)(5) = 1.5$			
				Morie #2; 40-slot			

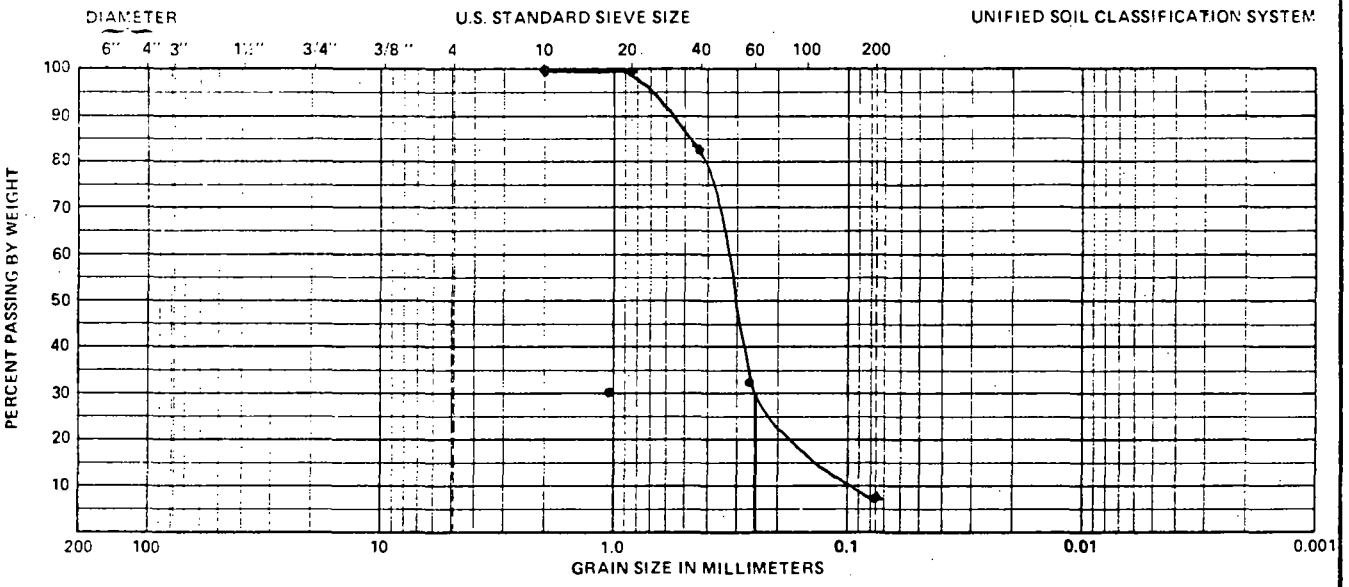
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-13A	24-26		D_{30} (sand patch) = (0.29)(4) = 1.16			
				Marie #1; 30-slot			

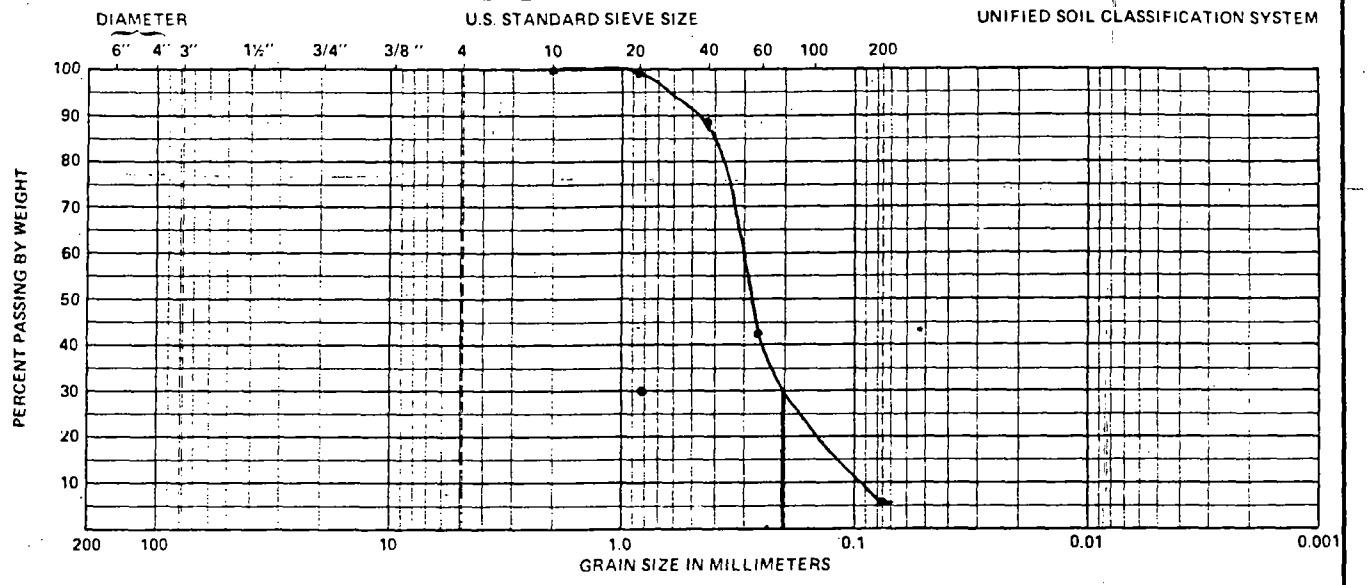
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-13B	24-26		D_{30} (sand patch) = (0.26)(4) = 1.04			
				Marie #1; 30-slot			

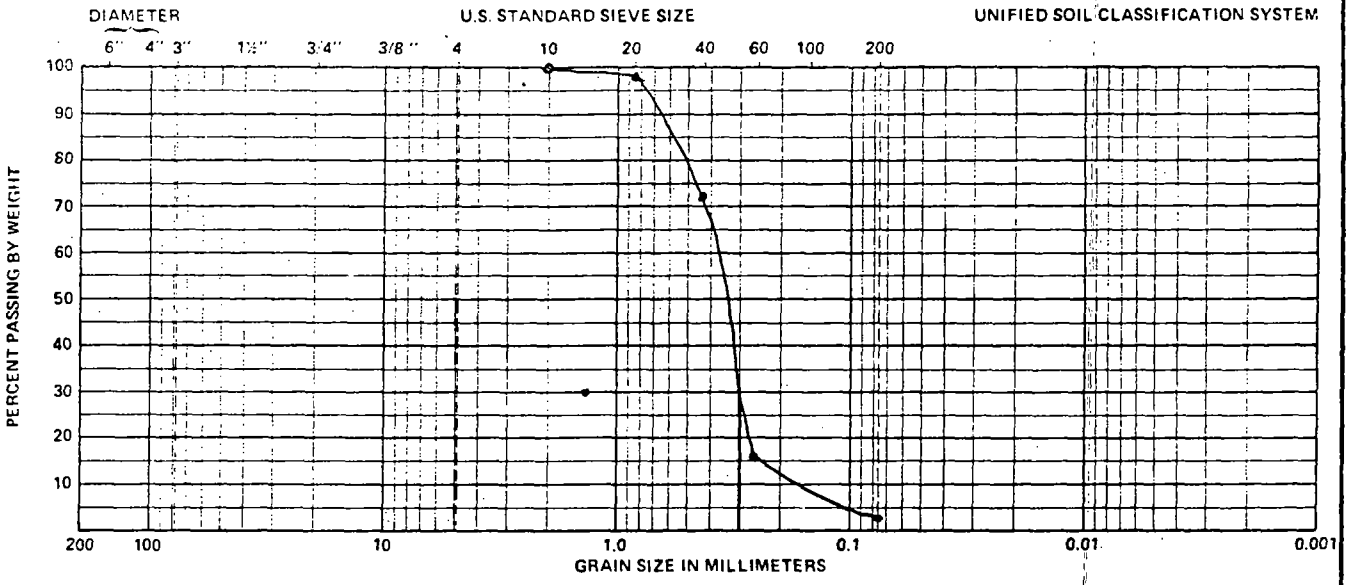
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-14	26-28		D_{30} (sand pack) = (0.2)(4) = 0.8			
				Mesh #0; 20-slot			

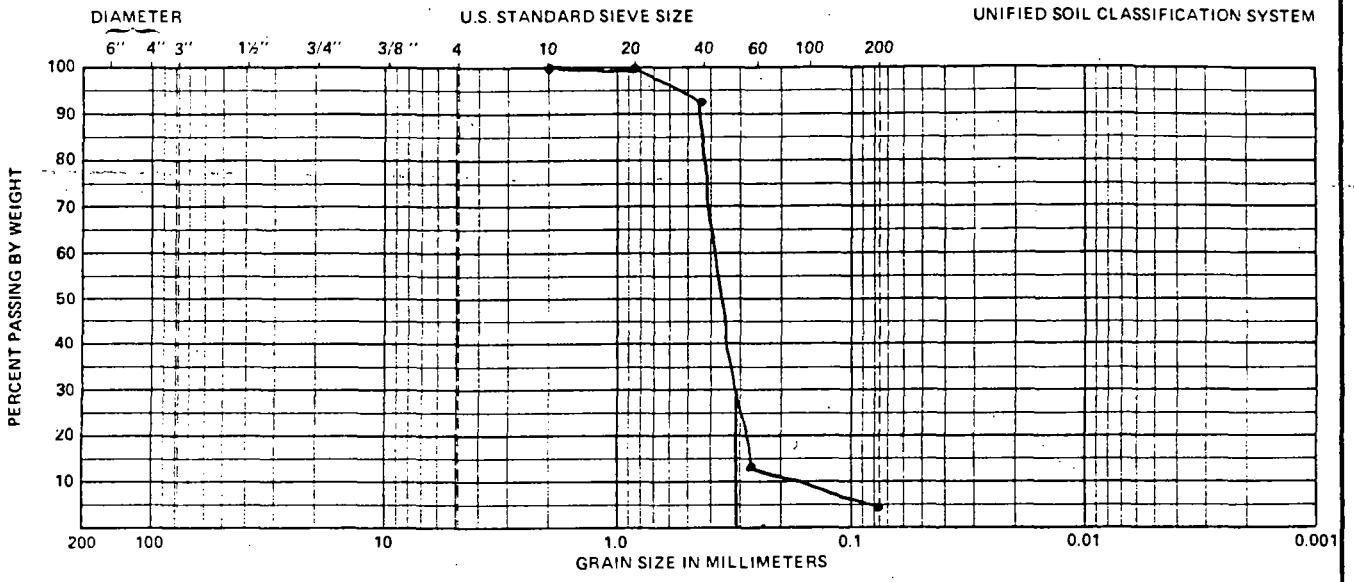
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_p (%)
RC-3	SS-15A	28-30		D_{30} (sand pack) = (0.3)(5) = 1.5			
				Mesh #2; 40-slot			

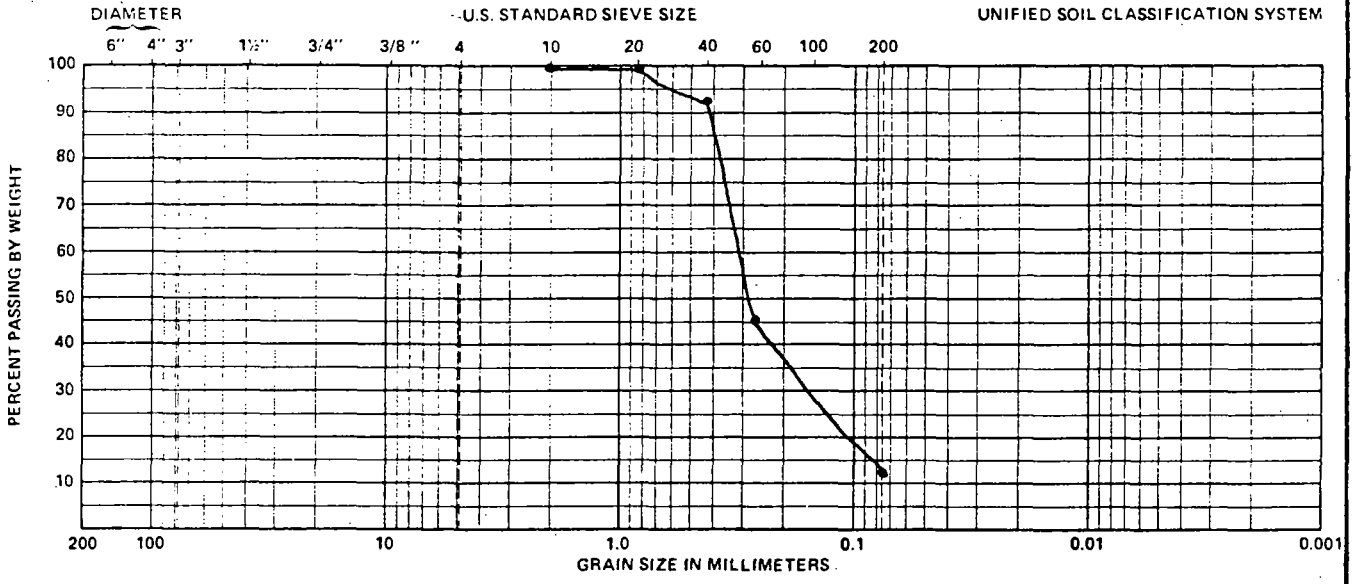
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-15B	28-30		D_{30} (sand pack) = (0.31)(5) = 1.55			
				Morie #2 ; 40-slot			

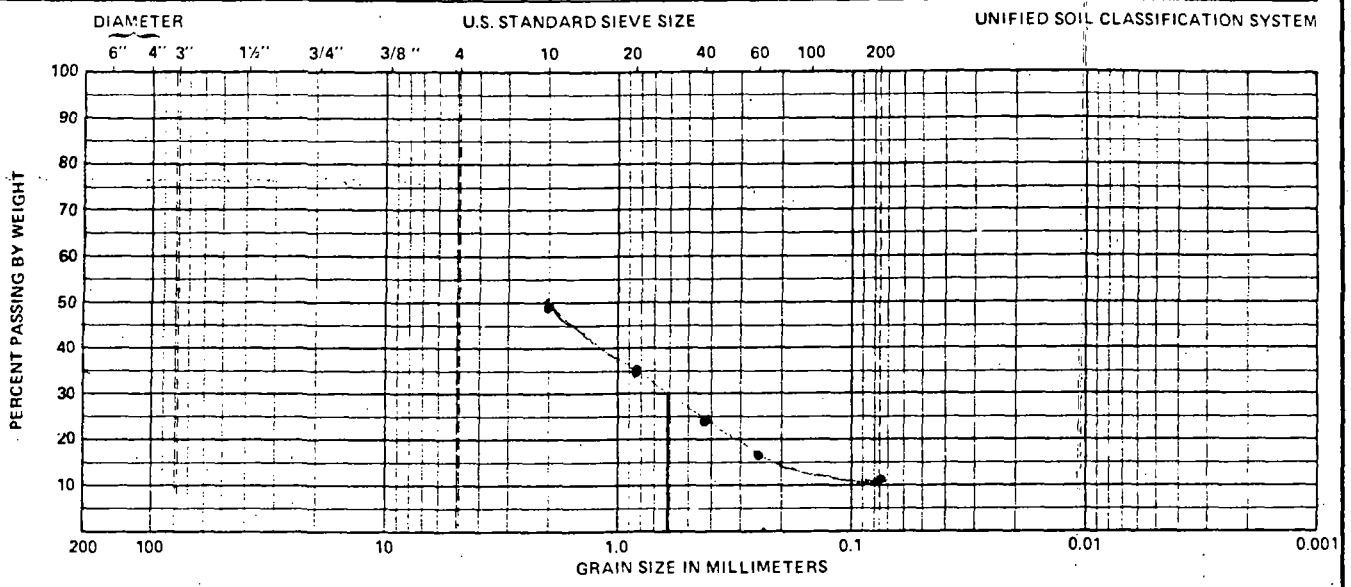
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-3	SS-16	30-32					

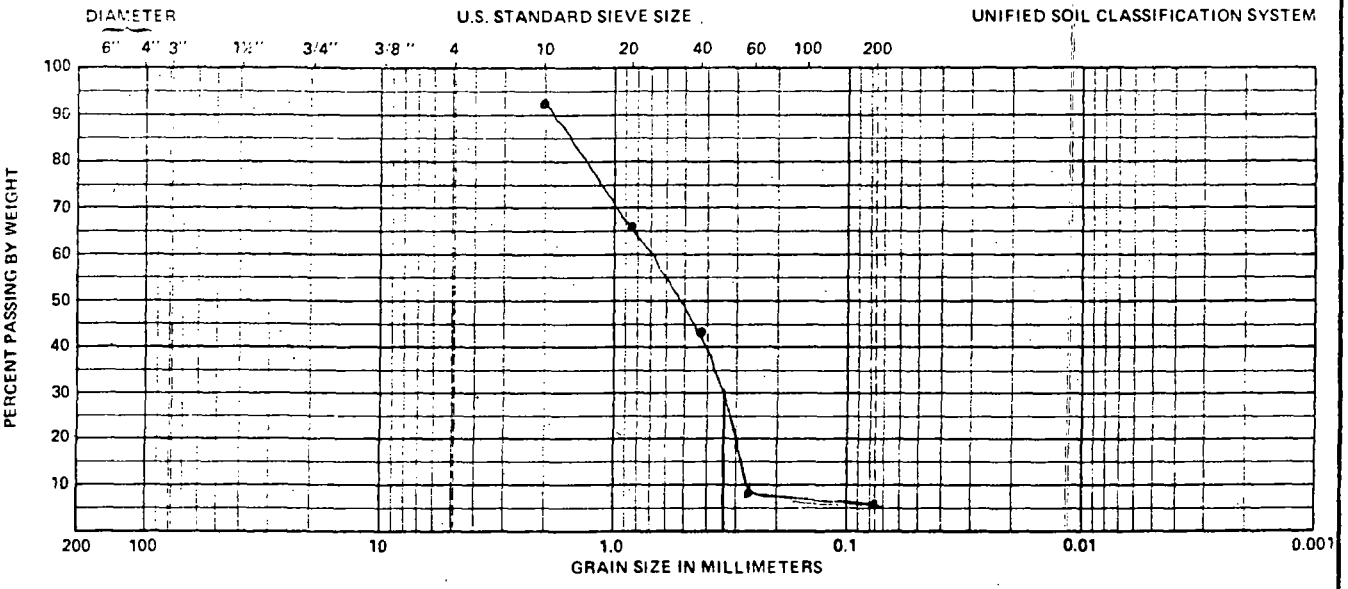
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



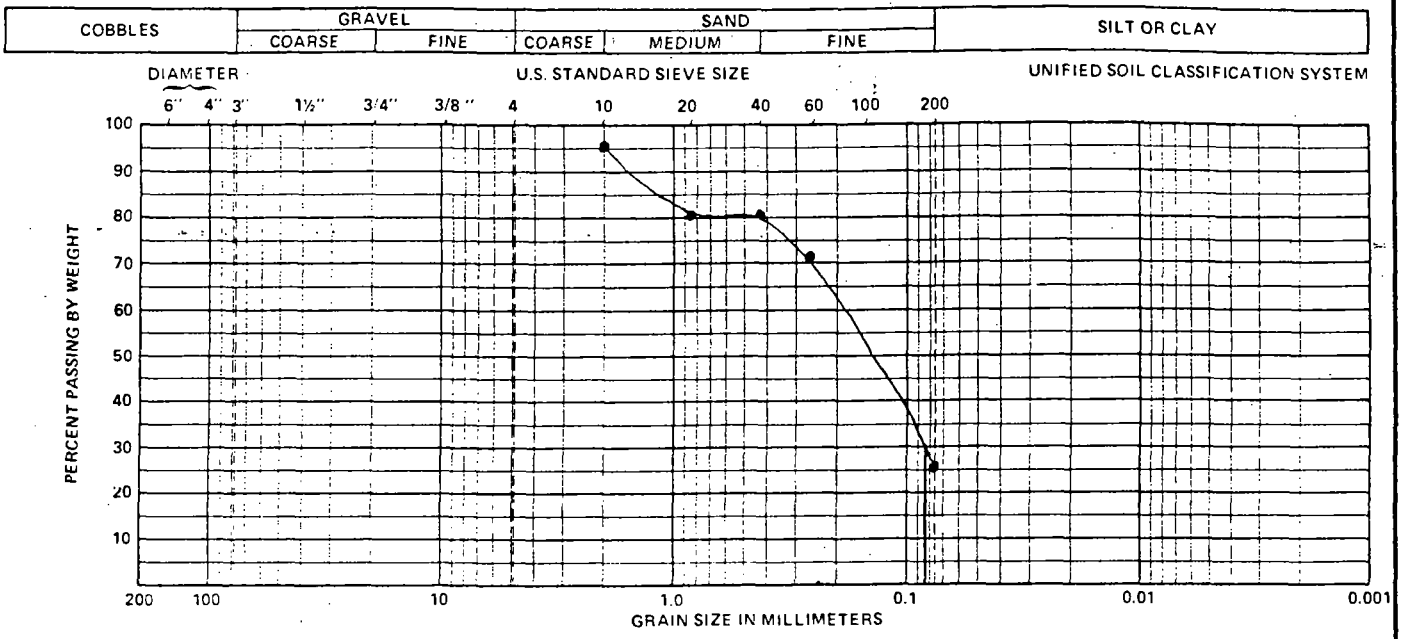
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-3	4-6		D_{30}(sand pack) = (0.6)(6) = 3.6			
				Morie #2; 40-slot			

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

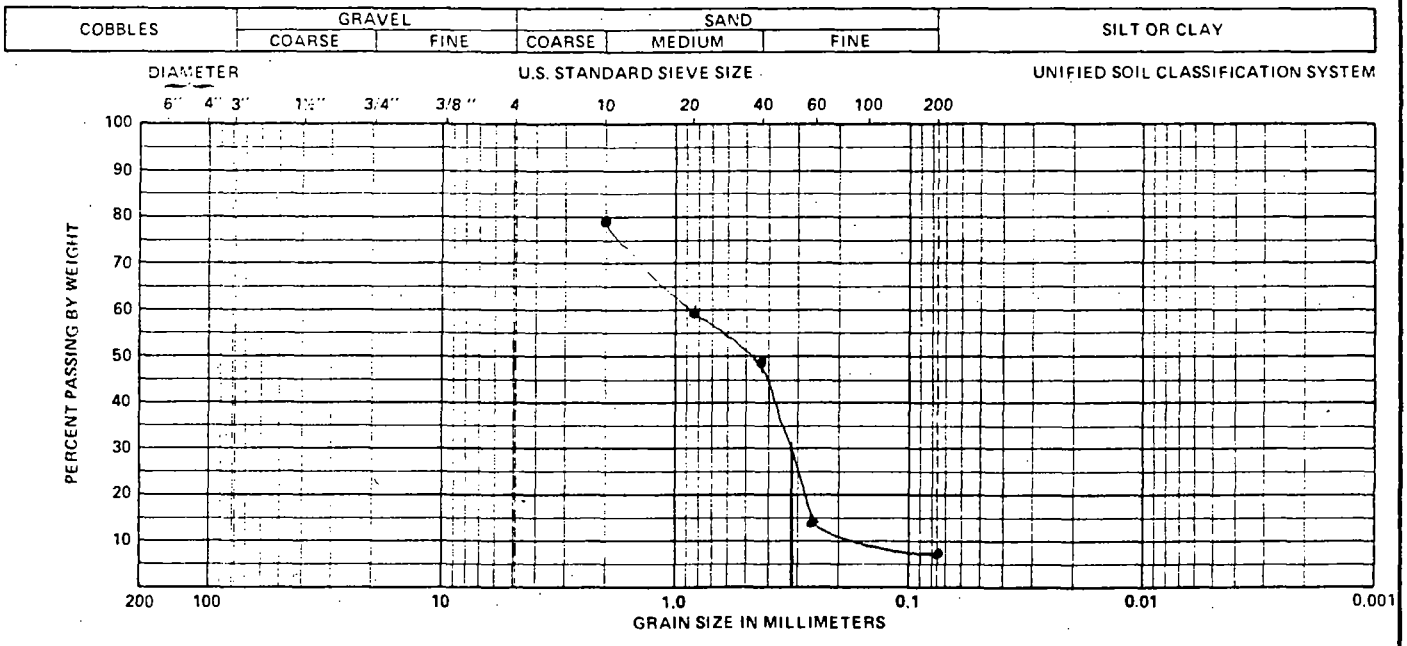


BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-4B	6-8		D_{30}(sand pack) = (0.34)(6) = 2.04			
				Morie #2; 40-slot			

PARTICLE-SIZE DISTRIBUTION



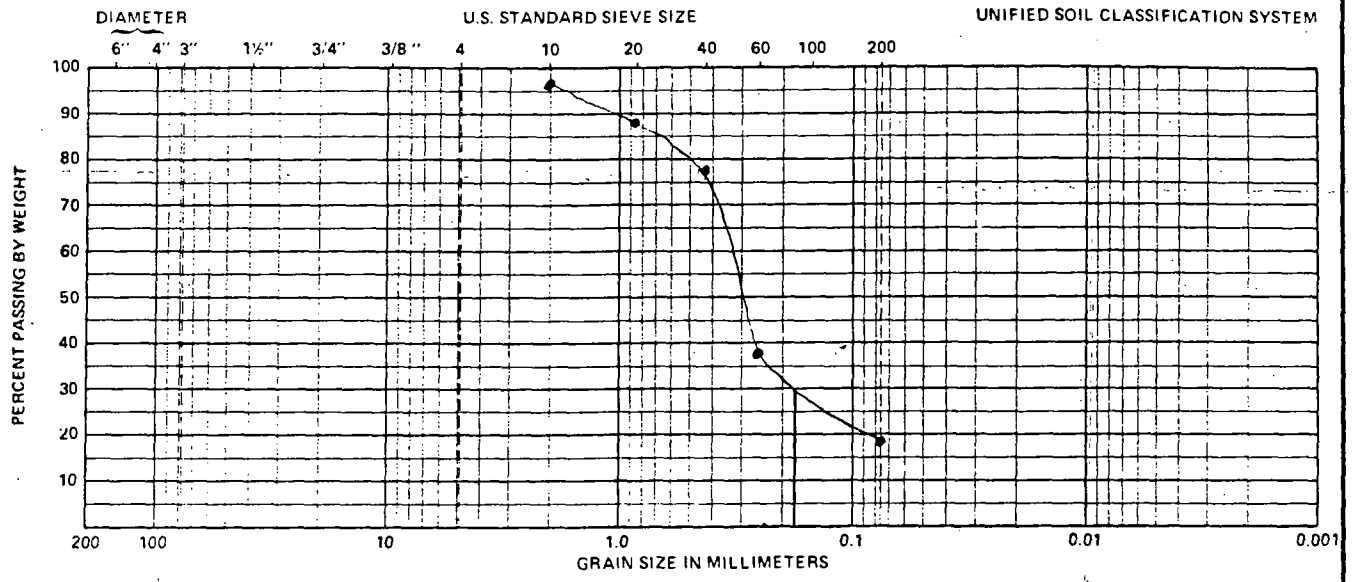
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-5B	8-10		D_{30} (sand pack) = (0.084)(6) = 0.504			
				Morie #00; 10-slot			



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-6A	10-12		D_{30} (sand pack) = (0.32)(4) = 1.28			
				Morie #1; 30-slot			

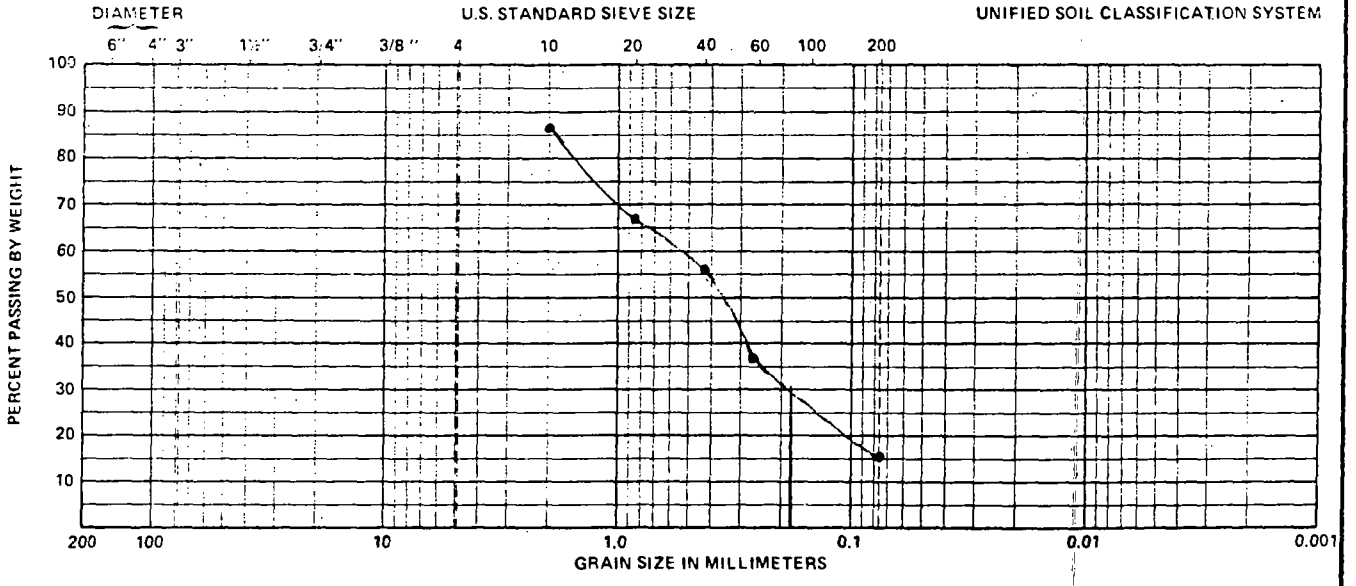
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-6B	10-12		D_{30} (sand pack) = (0.18)(4) = 0.72			
				Morie #0; 20-slot			

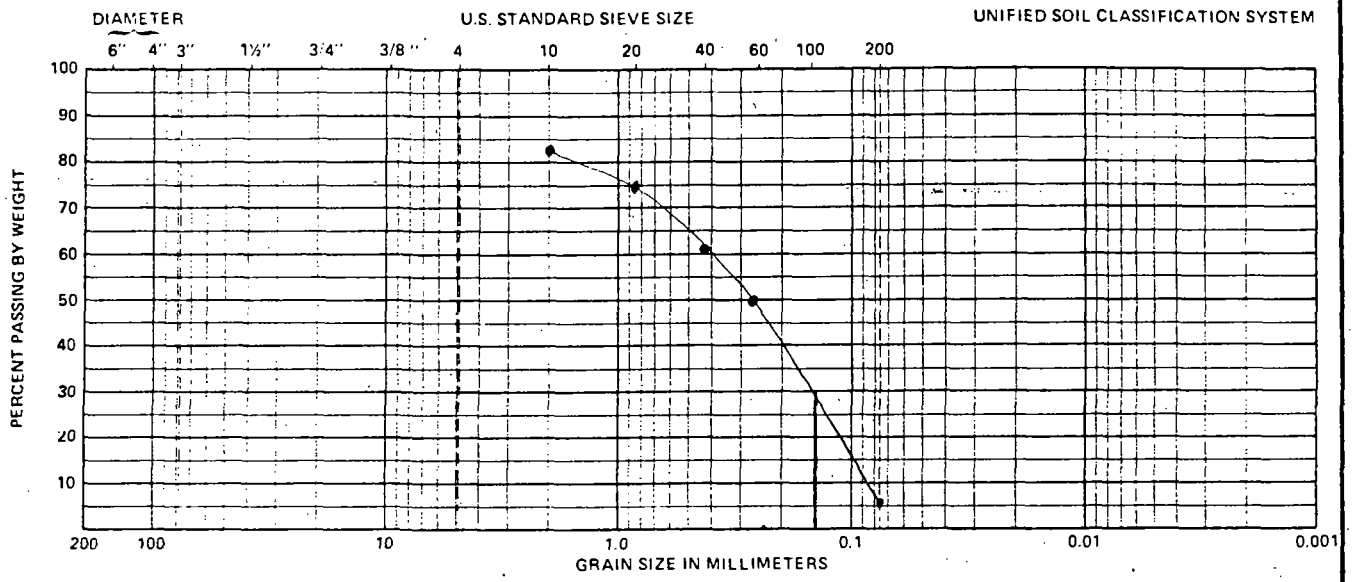
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-7	12-14		D_{30} (sand pack) = (0.18)(4) = 0.72			
				Morie #0; 20-slot			

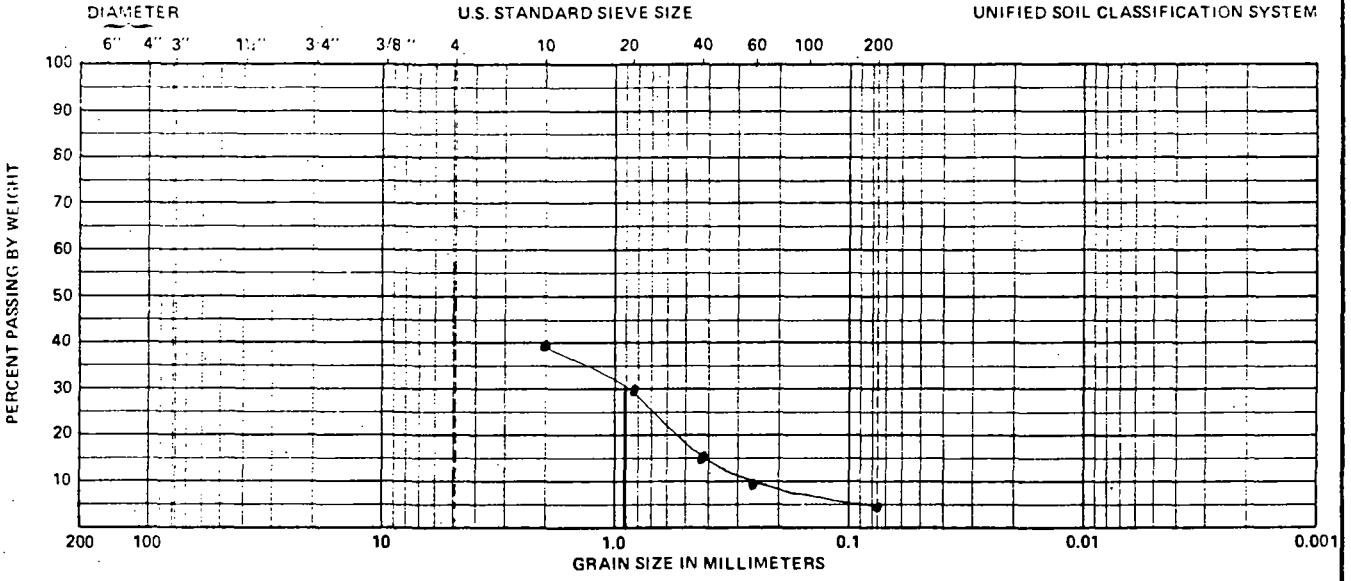
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-8A	14-16		D_{30}(sand pack) = (0.15)(6) = 0.9			
				Morie #0; 20-slot			

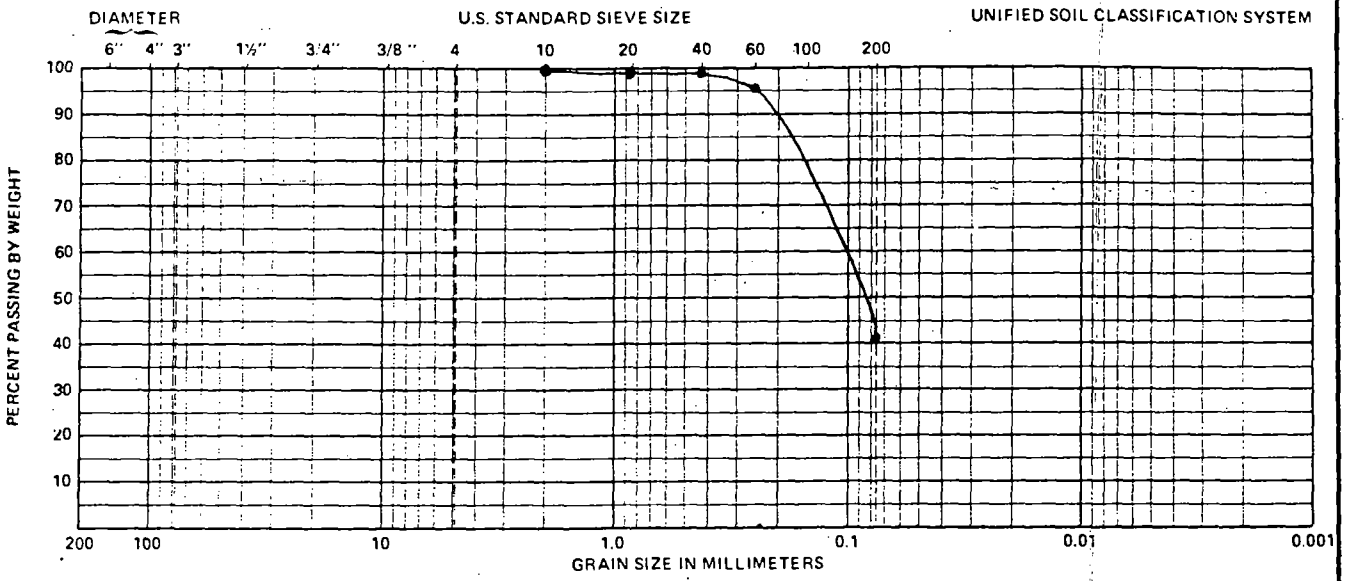
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-8B	14-16		D_{30}(sand pack) = (0.9)(6) = 5.4			
				Morie #2; 40-slot			

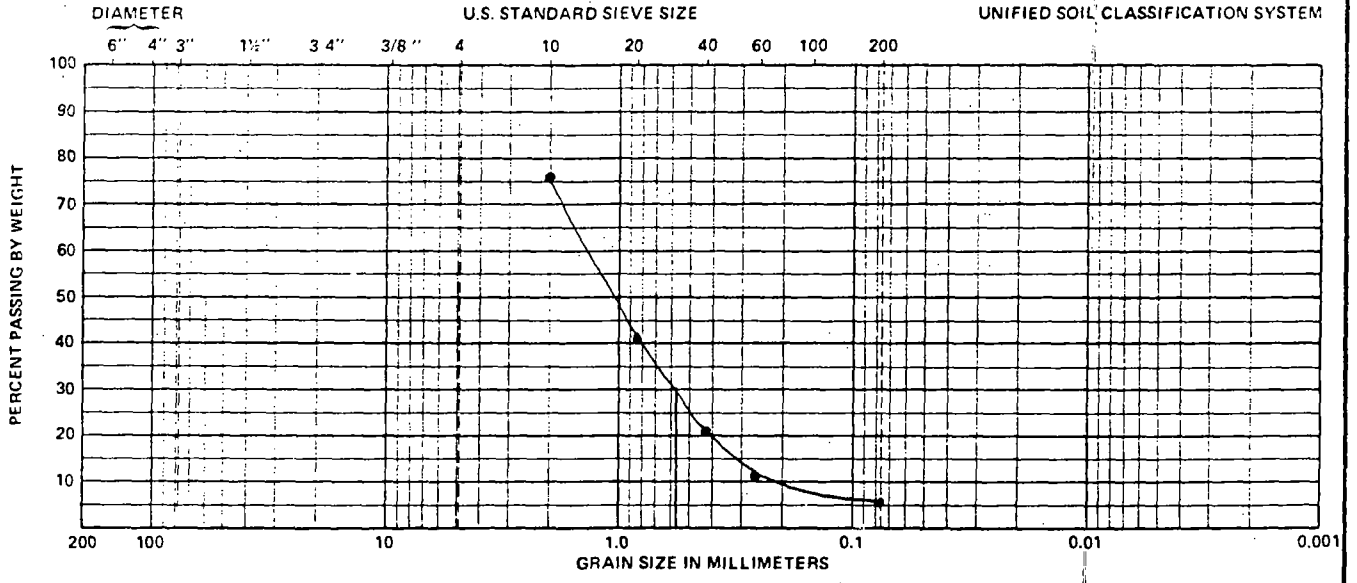
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-13	24-26					

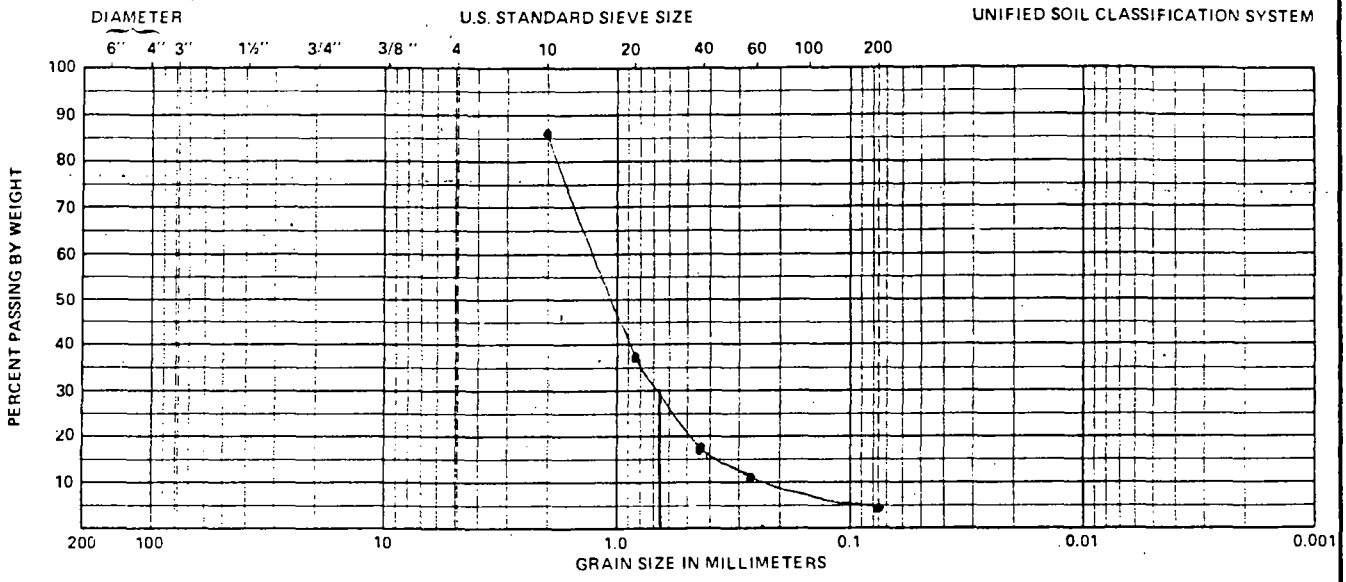
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-17	32-34		D_{30} (sand pack) = (0.57)(5) = 2.85			
				Monie #2; 40-slot			

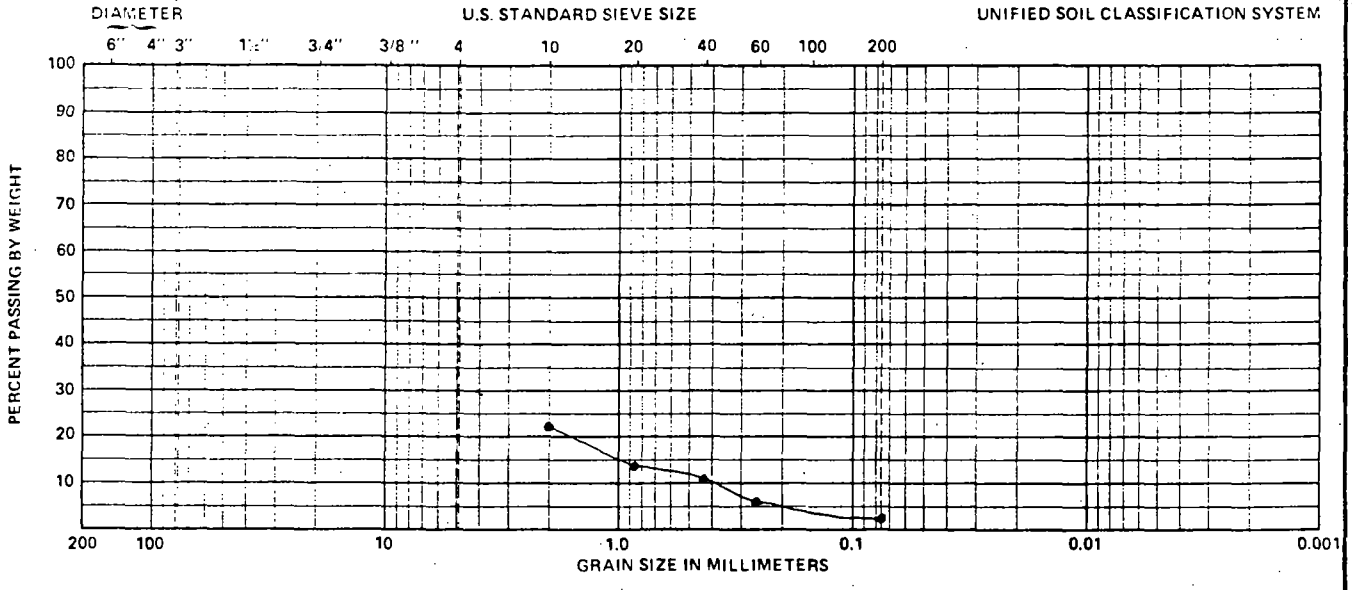
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



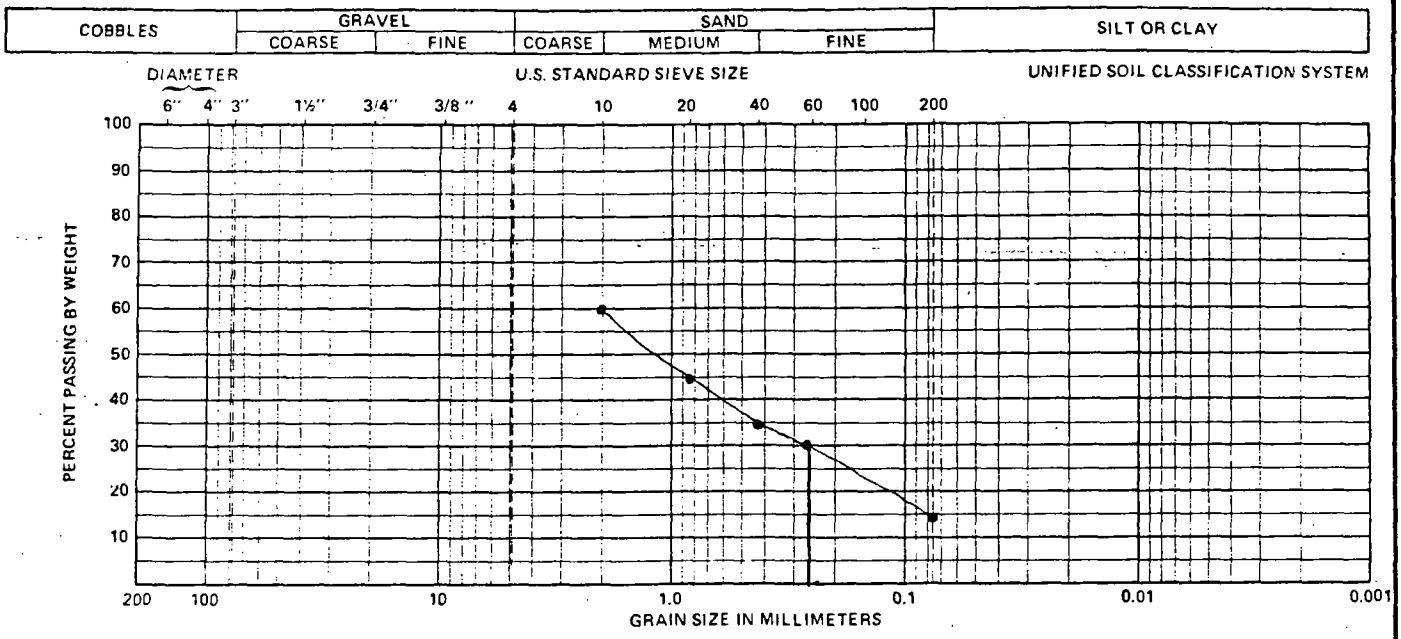
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-18A	34 - 36		D_{30} (sand pack) = (0.67)(5) = 3.35			
				Morie #2; 40-slot			

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

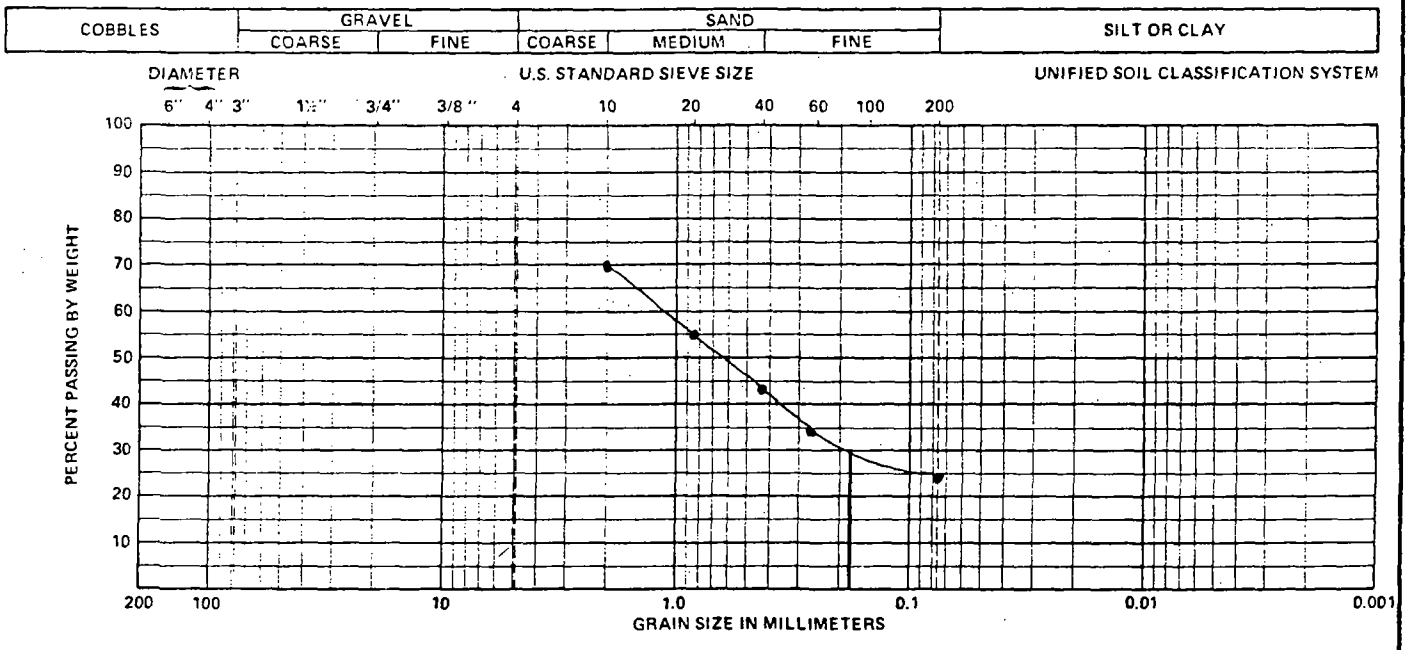


BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-18B	34-36					

PARTICLE-SIZE DISTRIBUTION



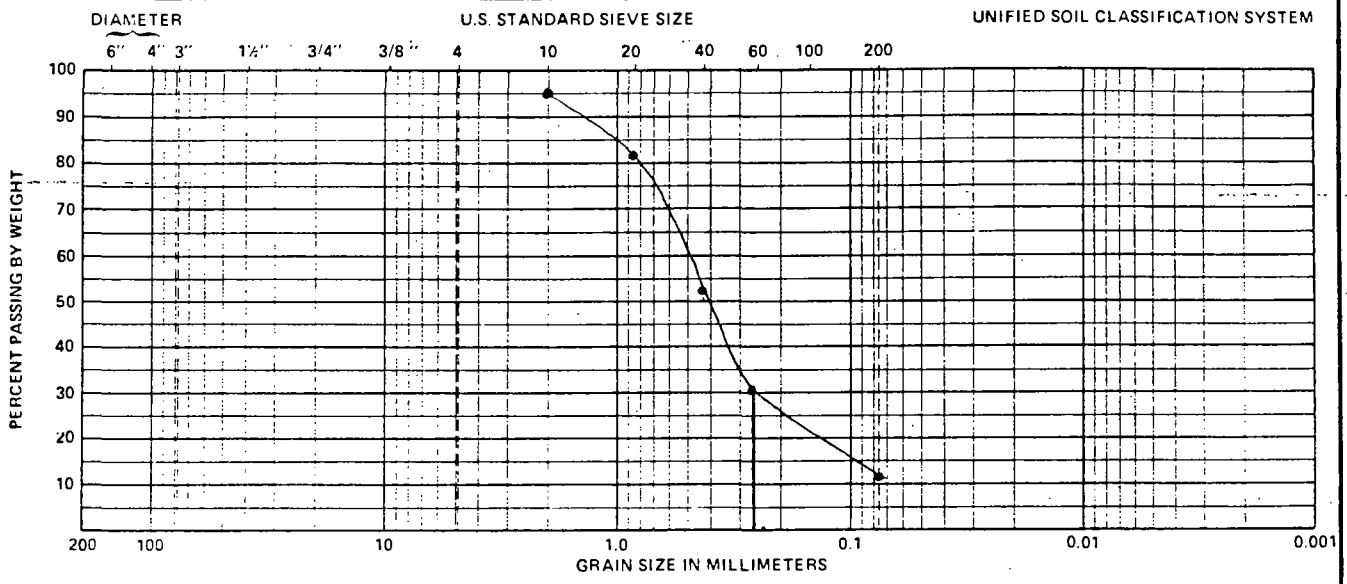
BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-19	36-38		D_{30} (sand pack) = (0.27)(5) = 1.35			
				Morie #2; 40-slot			



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-20A	38-40		D_{30} (sand pack) = (0.19)(6) = 1.14			
				Morie #1; 30-slot			

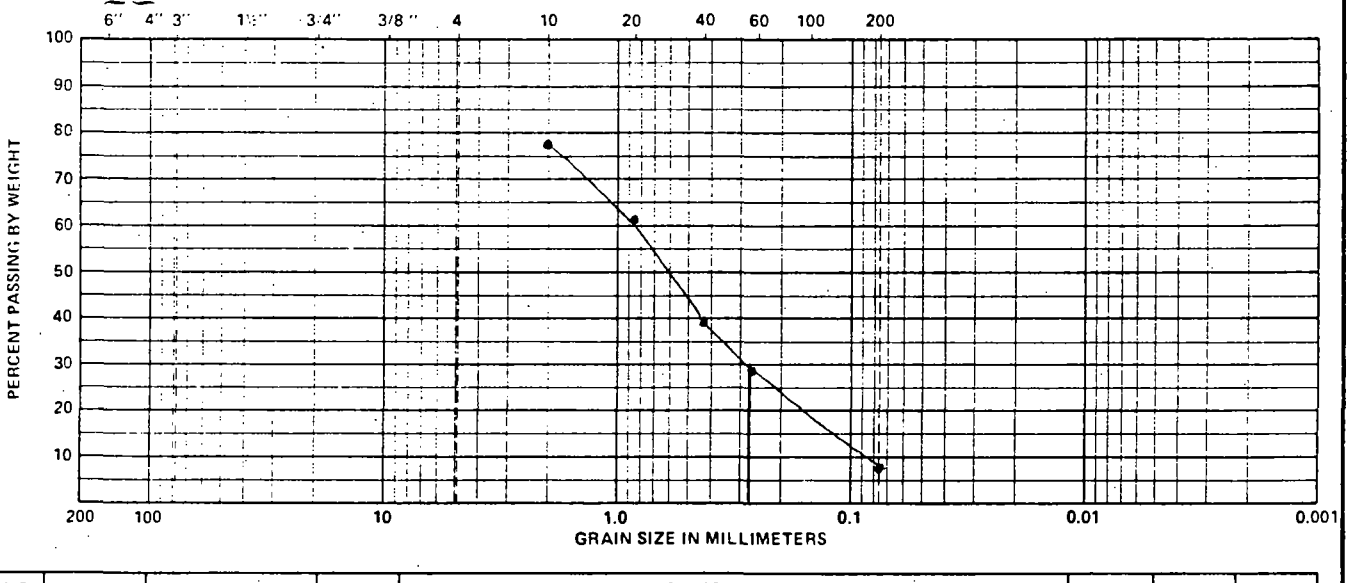
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-20B	38-40		D_{30} (sand pack) = (0.27)(6) = 1.62			
				Morie #2; 40-slot			

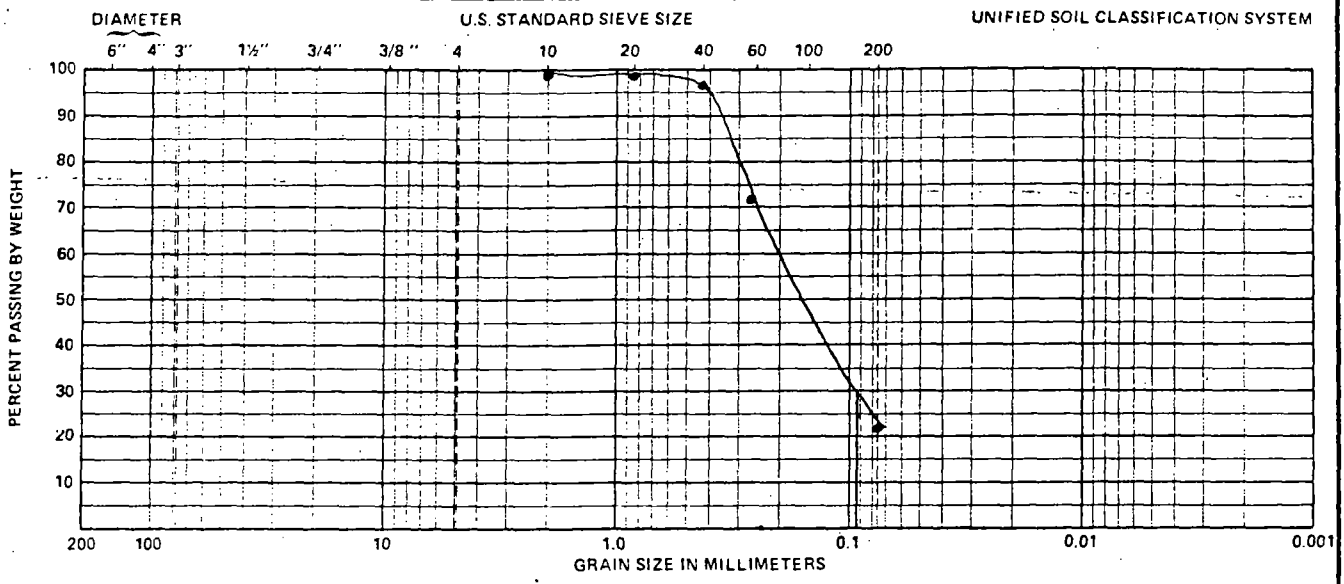
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-21A	40-42		D_{30} (sand pack) = (0.28)(4) = 1.12			
				Morie #1; 30-slot			

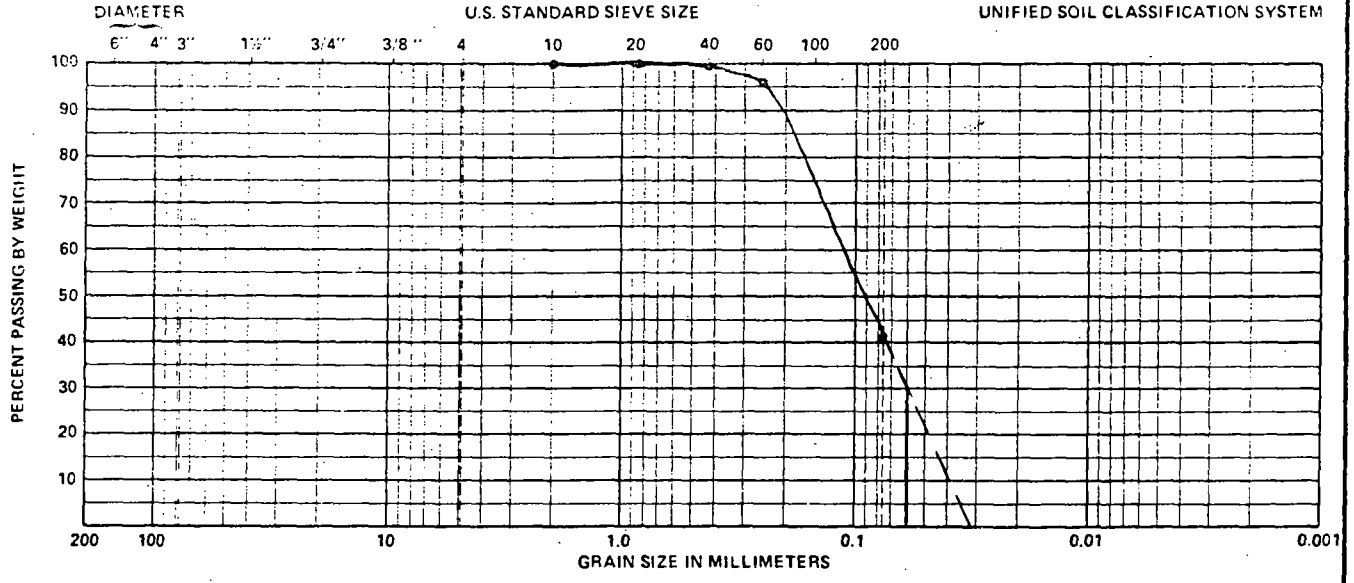
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-21B			D_{30} (sand pack) = (0.095)(4) = 0.38			
				Morie #00; 10-slot			

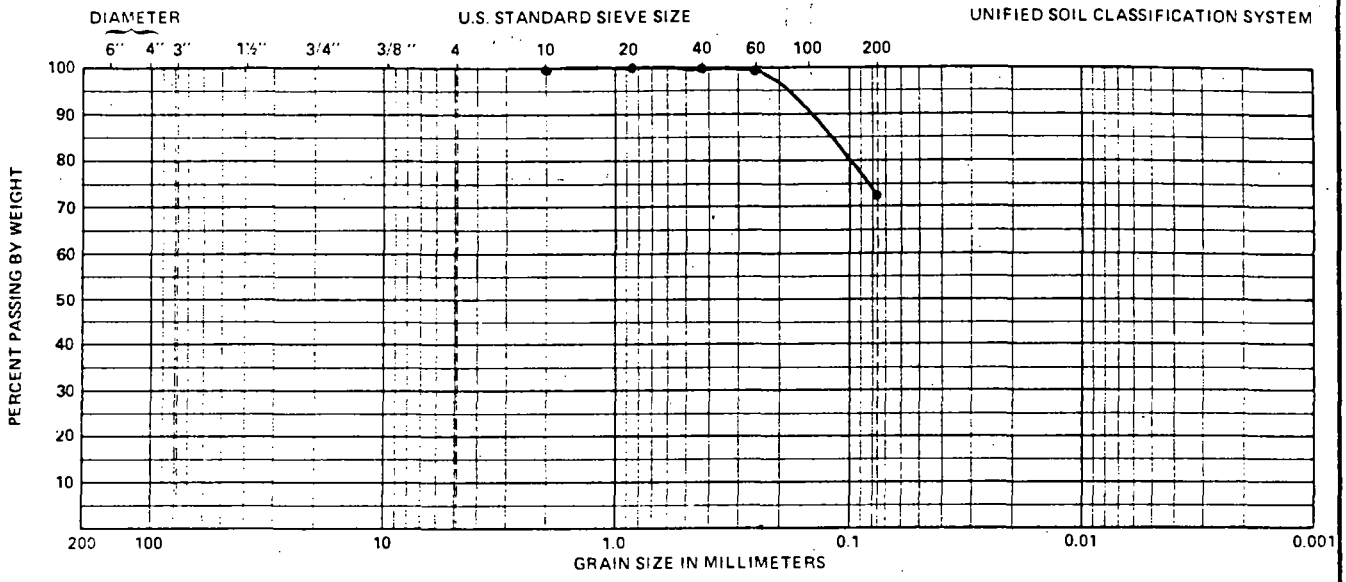
COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-22A			D_{30} (sand pack) = (0.06)(4) = 0.24			
				Blank			

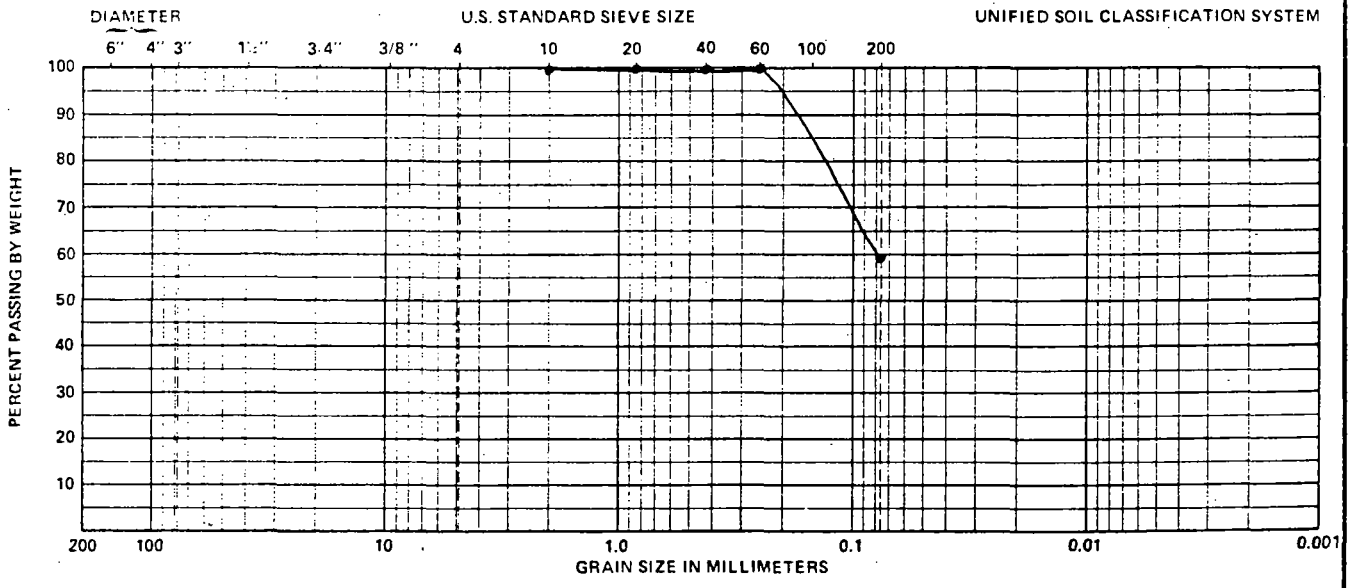
PARTICLE-SIZE DISTRIBUTION

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-22B	42-44		Blank			

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



BORING	SAMPLE	DEPTH (ft)	SYMBOL	CLASSIFICATION	w (%)	w_L (%)	w_P (%)
RC-5	SS-23	44-46		Blank			

Table 1. Summary of Geotechnical Data - Phase 1A

Area	Boring	Sample	Depth (feet)	Unit	Zone	USCS Class. (1)	Sieve Size (% Passing)								Grain Size Data, (2)				D60/D10 Uniformity Ratio	Assigned Porosity from Fetter, 1988) (3)	Laboratory Data		Hydraulic Conductivity, cm/sec	
							#4	#10	#40	#100	#200	Hydrometer .02 mm	Hydrometer .002 mm	Hydrometer .001 mm	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Dry Bulk Density (pcf)	Porosity	Kozeny-Carman Method (4)	Laboratory Value
Off-site	RW-4	SS-5	8 - 10	Upper Sand	Unsaturated	SM	100	99	85	--	18	--	--	--	0.001	0.18	0.25	0.79	250.0	0.275	--	--	7.0E-04	--
														Average Values	**0.001**	**0.18**	**0.25**	**0.79**	**250.0**	**0.275**	**--**	**--**	**7.0E-04**	**--**
Off-site	RW-4	SS-9	16 - 18	Upper Sand	Saturated	SM	100	99	93	--	23	10	7	5	0.013	0.15	0.19	0.55	14.6	0.275	--	--	4.9E-04	--
														Average Values	**0.013**	**0.15**	**0.19**	**0.55**	**14.6**	**0.275**	**--**	**--**	**4.9E-04**	**--**
Off-site	RW-4	ST-1	24 - 26	Till	Saturated	ML	--	--	84	78	74	72	24	20	0.001	0.007	0.013	0.44	13.0	0.425	107.0	0.314	1.8E-06	8.5E-07
														Average Values	**0.001**	**0.007**	**0.013**	**0.44**	**13.0**	**0.425**	**107.0**	**0.314**	**1.8E-06**	**8.5E-07**
Production	RW-1	SS-8	17 - 19	Upper Sand	Saturated	SP-SM	97	90	46	--	9	--	--	--	0.068	0.49	0.72	2.7	10.6	0.275	--	--	5.2E-03	--
Production	RW-1	SS-13-15	27 - 33	Upper Sand	Saturated	SP-SM	100	100	23	--	8	--	--	--	0.093	0.74	0.92	2	9.9	0.275	--	--	1.2E-02	--
Production	RW-1	SS-20	41 - 43	Upper Sand w/sand lenses	Saturated	SM	99	98	97	--	42	17	8	7	0.0033	0.096	0.14	0.43	42.4	0.275	--	--	2.0E-04	--
Production	RW-1	ST-1	45 - 47	Upper Sand w/sand lenses	Saturated	ML	--	--	100	100	100	90	24	18	0.001	0.005	0.0073	0.027	7.3	0.425	96.2	0.357	1.5E-06	2.0E-05
														Average Values	**0.041**	**0.33**	**0.45**	**1.29**	**17.6**	**0.313**	**96.2**	**0.357**	**4.3E-03**	**2.0E-05**
Production	RW-1	SS-24	51 - 53	Till	Saturated	SM	71	59	41	--	21	15	13	11	0.001	0.95	2.2	4.9	2200.0	0.275	--	--	1.9E-02	--
														Average Values	**0.001**	**0.95**	**2.2**	**4.9**	**2200.0**	**0.275**	**--**	**--**	**1.9E-02**	**--**
Warwick	P-21D	SS-1	0 - 2	Upper Sand	Unsaturated	SP-SM	79	64	38	--	9	--	--	--	0.072	0.89	1.6	4.8	22.2	0.275	--	--	1.7E-02	--
Warwick	P22D	SS-3B	6 - 8	Upper Sand	Unsaturated	SP	--	70	25	9	5	--	--	--	0.16	1	1.5	2	9.4	0.275	--	--	2.2E-02	--
Warwick	P-21D	SS-5	8 - 10	Upper Sand	Unsaturated	SM	98	96	88	--	28	15	9	6	0.003	0.15	0.18	0.76	60.0	0.275	--	--	4.9E-04	--
														Average Values	**0.078**	**0.68**	**1.09**	**2.52**	**30.5**	**0.275**	**--**	**--**	**1.3E-02**	**--**
Warwick	RW-3	SS-4	6 - 8	Upper Sand	Saturated	SM	100	99	97	--	30	17	8	6	0.0033	0.14	0.17	0.44	51.5	0.275	--	--	4.2E-04	--
Warwick	P22D	SS-5	8.5 - 10.5	Upper Sand	Saturated	SM	--	--	99	94	28	16	13	12	0.001	0.094	0.11	0.2	110.0	0.275	--	--	1.9E-04	--
Warwick	RW-3	SS-7	12 - 14	Upper Sand	Saturated	SP	98	85	20	--	5	--	--	--	0.14	0.89	1.2	3.1	8.6	0.275	--	--	1.7E-02	--
Warwick	P-21D	SS-15	32 - 34	Upper Sand	Saturated	SP-SM	100	99	89	--	11	--	--	--	0.056	0.18	0.24	0.67	4.3	0.275	--	--	7.0E-04	--
														Average Values	**0.050**	**0.33**	**0.43**	**1.10**	**43.6**	**0.275**	**--**	**--**	**4.6E-03**	**--**
Warwick	P21D	ST-1	16 - 18	Silt	Saturated	ML	--	--	100	99	98	80	25	17	0.001	0.0058	0.0089	0.043	8.9	0.425	98.4	0.369	2.3E-06	8.8E-07
Warwick	RW-3	ST-1	20 - 22	Silt	Saturated	SM	--	--	97	96	40	25	16	15	0.001	0.08	0.096	0.19	96.0	0.275	110.2	0.264	1.2E-04	2.3E-04
Warwick	P22D	ST-1	24.5 - 26.5	Silt	Saturated	ML	--	--	100	99	98	90	39	31	0.001	0.0033	0.0054	0.027	5.4	0.465	96.0	0.359	6.7E-07	2.1E-06
Warwick	RW-3	ST-2	28 - 30	Silt	Saturated	ML	--	--	100	100	99	44	19	16	0.001	0.02	0.029	0.066	29.0	0.425	91.5	0.389	3.4E-05	1.7E-07
Warwick	P21D	ST-2	30 - 32	Silt	Saturated	SP-SM	--	--	99	29	10	--	--	--	0.067	0.2	0.24	0.38	3.6	0.275	87.2	0.418	4.7E-03	4.0E-04
Warwick	P22D	ST-2	34.5 - 36.5	Silt	Saturated	ML	--	--	100	99	98	86	22	20	0.001	0.0057	0.008	0.013	8.0	0.425	88.1	0.411	3.5E-06	1.4E-05
														Average Values	**0.012**	**0.05**	**0.06**	**0.12**	**25.1**	**0.382**	**95.2**	**0.368**	**8.1E-04**	**1.1E-04**

Table 1. Summary of Geotechnical Data - Phase 1A

Area	Boring	Sample	Depth (feet)	Unit	Zone	USCS Class. (1)	Sieve Size (% Passing)					Hydrometer			Grain Size Data, (2)				D60/D10 Uniformity Ratio	Assigned Porosity from Fetter, 1980 (3)	Laboratory Data		Hydraulic Conductivity, cm/sec	
							#4	#10	#40	#100	#200	.04 mm	.002 mm	.001 mm	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Dry Bulk Density (pcf)	Porosity	Kozeny-Carman Method (4)	Laboratory Value
Warwick	P22D	SS-23	48.5 - 51.5	Fine Sand	Saturated	ML	--	--	100	97	68	49	16	15	0.001	0.022	0.044	0.15	44.0	0.275	--	--	1.0E-05	--
																		Average Values	**0.001**	**0.02**	**0.04**	**0.15**	**44.0**	**0.275**	**--**	**--**	**1.0E-05**	**--**
Warwick	P-21D	SS-18	40 - 42	Till	Saturated	SP-SM	82	62	27	--	14	--	--	--	0.001	1.3	1.8	4.9	1800.0	0.275	--	--	3.6E-02	--
																		Average Values	**0.001**	**1.3**	**1.8**	**4.9**	**1800.0**	**0.275**	**--**	**--**	**3.6E-02**	**--**
Waste Water	P-19D	SS1-2	1 - 3	Upper Sand	Unsaturated	SM	100	100	99	--	28	16	8	7	0.0035	0.14	0.17	0.42	48.6	0.275	--	--	4.2E-04	--
Waste Water	RW-2	SS-2	2 - 4	Upper Sand	Unsaturated	SP-SM	88	74	38	--	7	--	--	--	0.081	0.73	1.2	4.8	14.8	0.275	--	--	1.1E-02	--
																		Average Values	**0.042**	**0.44**	**0.69**	**2.61**	**31.7**	**0.275**	**--**	**--**	**6.0E-03**	**--**
Waste Water	P-19D	SS-4	6 - 8	Upper Sand	Saturated	SP	88	86	40	--	5	--	--	--	0.089	0.59	0.86	4.8	9.7	0.275	--	--	7.5E-03	--
Waste Water	P-19D	SS-6-7A	10 - 13	Upper Sand	Saturated	SP	83	61	26	--	3	--	--	--	0.13	1.4	1.8	4.8	13.8	0.275	--	--	4.2E-02	--
																		Average Values	**0.110**	**1.00**	**1.33**	**4.80**	**11.8**	**0.275**	**--**	**--**	**2.5E-02**	**--**
Waste Water	P19D	ST-1	14 - 16	Silt	Saturated	ML	--	--	100	100	99	80	25	19	0.001	0.0058	0.0089	0.05	8.9	0.425	98.3	0.343	1.7E-06	5.0E-06
Waste Water	P19D	ST-2	20 - 22	Silt	Saturated	ML	--	--	100	100	98	91	17	14	0.001	0.0058	0.0078	0.026	7.8	0.425	80.8	0.460	6.1E-06	1.6E-06
Waste Water	RW-2	ST-1	20 - 22	Silt	Saturated	ML	--	--	100	98	97	76	17	14	0.001	0.0076	0.012	0.05	12.0	0.425	88.8	0.407	6.0E-06	1.3E-05
Waste Water	RW-2	SS-15	28 - 30	Silt	Saturated	ML	100	100	100	--	76	32	9	2	0.0023	0.036	0.048	0.22	20.9	0.425	--	--	1.6E-04	--
Waste Water	RW-2	SS-22	42 - 44	Silt	Saturated	SM	100	100	90	--	18	--	--	--	0.001	0.17	0.23	0.68	230.0	0.275	--	--	6.2E-04	--
																		Average Values	**0.001**	**0.05**	**0.06**	**0.21**	**55.9**	**0.395**	**89.3**	**0.403**	**1.6E-04**	**6.5E-06**

Notes:

1. Unified Soil Classification System:
   - ML = Primarily silt (below "A" line in plasticity chart).
   - SM = Silty sand to sand, some silt (12% to 50% passing the #200 sieve).
   - SP-SM = Sand, trace silt (6% to 12% passing the #200 sieve).
   - SP = Clean sand (less than 6% passing the #200 sieve).
2. D10, D50, D60 and D90 denote the grain size values from the distribution curves for which 10%, 50%, 60%, and 90% of the sample, respectively, is finer-grained.
3. Porosity values were selected from a table of typical porosity values for unconsolidated sand, silt, and clay (Fetter, 1980).
4. When the porosity of the sample was measured in the laboratory, the measured porosity was used in the Kozeny-Carman formula for estimating hydraulic conductivity. Otherwise, the "assigned porosity" was used.
5. Classification used to characterize the median grain size (D50) of the sample is Wentworth-Udden (Leeder, 1982).
6. pcf = pounds per cubic foot

Prepared by: SMM
Checked by:

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Off-site	P-23D	SS-1	0.5 - 2	Upper Sand	SM	3.6	NP	NP	NP	15.1	1.9	--	--	--	--	0.03	1.8	3.5	25	116.7	0.443	--	4.9E-01	--
Off-site	P-24D	SS-1	1 - 3	Upper Sand	SM	3.8	NP	NP	NP	23.2	0.0	--	--	--	--	0.05	0.12	0.14	0.18	2.8	0.443	--	2.2E-03	--
Off-site	P-23D	SS-2	4 - 6	Upper Sand	SP-SM	2.7	NP	NP	NP	6.8	0.9	--	--	--	--	0.13	0.6	0.75	3	5.8	0.443	--	5.5E-02	--
Off-site	P-24D	SS-3	5 - 7	Upper Sand	SM	10.5	NP	NP	NP	36.2	0.0	--	--	--	--	0.025	0.1	0.12	0.15	4.8	0.443	--	1.5E-03	--
Off-site	P-23D	SS-4A	8 - 9	Upper Sand	SP-SM	4.4	NP	NP	NP	5.4	1.0	--	--	--	--	0.2	1.7	2.7	25	13.5	0.443	--	4.4E-01	--
Off-site	P-23D	ST-1	12 - 14	Upper Sand	SM	9.8	NP	NP	NP	30.3	1.0	92.9	84.6	0.446	2.689	0.05	0.1	0.11	0.18	2.2	0.443	--	1.5E-03	4.8E-03
Off-site	P-23D	SS-6	14 - 16	Upper Sand	SM	7.0	NP	NP	NP	34.6	1.0	--	--	--	--	0.042	0.08	0.08	0.16	1.9	0.443	--	9.8E-04	--
Off-site	P-23D	SS-8	18 - 20	Upper Sand	SM	27.3	NP	NP	NP	20.6	0.5	--	--	--	--	0.06	0.12	0.13	0.18	2.2	0.443	--	2.2E-03	--
Off-site	P-23D	SS-10	22 - 24	Upper Sand	SP-SM	21.3	NP	NP	NP	8.6	1.0	--	--	--	--	0.1	0.3	0.39	2	3.9	0.443	1.0E-02	1.4E-02	--
Off-site	P-23D	SS-12	26 - 28	Upper Sand	SM	19.9	NP	NP	NP	14.7	<1	--	--	--	--	0.075	0.22	0.28	2.1	3.7	0.443	--	7.4E-03	--
											Average Values	92.9	84.6	0.446	2.689	0.076	0.51	0.82	5.80	15.7	0.443	1.0E-02	1.0E-01	4.8E-03
Off-site	P-24D	SS-5	9 - 11	Silt	ML	29.7	31	25	6	94.7	14.0	--	--	--	--	0.002	0.01	0.01	0.07	5.0	0.444	--	1.5E-05	--
Off-site	P-24D	ST-1	13 - 15	Silt	ML	29.0	NP	NP	NP	96.7	10.0	119.3	92.4	0.461	2.751	0.002	0.01	0.02	0.06	10.0	0.444	--	1.5E-05	4.9E-06
Off-site	P-24D	SS-7	15 - 17	Silt	CL	30.5	32	21	11	95.2	18.0	--	--	--	--	0.001	0.01	0.01	0.08	10.0	0.444	--	1.5E-05	--
Off-site	P-24D	SS-9	19 - 21	Silt	ML	25.8	NP	NP	NP	92.1	16.0	--	--	--	--	0.001	0.01	0.01	0.07	10.0	0.444	--	1.5E-05	--
Off-site	P-23D	SS-14	30 - 32	Silt	ML	27.0	24	22	2	98.0	8.0	--	--	--	--	0.003	0.01	0.01	0.05	3.3	0.444	--	1.5E-05	--
Off-site	P-23D	ST-2	34 - 36	Silt	ML	31.1	NP	NP	NP	98.1	7.0	124.6	95.0	0.450	2.769	0.002	0.01	0.01	0.18	5.0	0.444	--	1.5E-05	4.0E-06
Off-site	P-23D	SS-16	36 - 38	Silt	ML	31.8	31	24	7	98.5	20.0	--	--	--	--	0.001	0.0048	0.01	0.02	10.0	0.444	--	3.6E-06	--
Off-site	P-23D	SS-18	40 - 42	Silt	ML	21.0	NP	NP	NP	79.4	6.0	--	--	--	--	0.004	0.04	0.05	0.09	12.5	0.444	--	2.5E-04	--
Off-site	P-23D	SS-20	44 - 46	Silt	ML	32.4	NP	NP	NP	98.6	12.0	--	--	--	--	0.002	0.01	0.02	0.06	10.0	0.444	--	1.5E-05	--
Off-site	P-23D	SS-22	48 - 50	Silt	ML	31.5	26	24	2	99.1	12.0	--	--	--	--	0.002	0.01	0.01	0.05	5.0	0.444	--	1.5E-05	--
Off-site	P-23D	SS-24	52 - 54	Silt	ML	25.9	NP	NP	NP	96.1	5.0	--	--	--	--	0.005	0.03	0.03	0.06	6.0	0.444	--	1.4E-04	--
Off-site	P-23D	SS-30	64 - 66	Silt	ML	19.1	NP	NP	NP	51.6	1.0	--	--	--	--	0.017	0.08	0.1	0.19	5.9	0.444	--	9.9E-04	--
											Average Values	122.0	93.7	0.456	2.760	0.004	0.02	0.02	0.08	7.7	0.444	--	1.3E-04	4.5E-06
Off-site	P-24D	SS-11	23 - 25	Fine Sand	SM	27.5	NP	NP	NP	34.4	2.5	--	--	--	--	0.009	0.12	0.16	0.3	17.8	0.363	--	9.3E-04	--
Off-site	P-24D	SS-13	27 - 29	Fine Sand	SP-SM	19.0	NP	NP	NP	9.8	1.5	--	--	--	--	0.03	0.47	0.5	0.8	16.7	0.363	--	1.4E-02	--
Off-site	P-24D	SS-15	31 - 33	Fine Sand	SP-SM	17.9	NP	NP	NP	10.3	2.0	--	--	--	--	0.1	0.4	0.44	0.7	4.4	0.363	1.0E-02	1.0E-02	--
Off-site	P-24D	SS-17	37 - 39	Fine Sand	SP-SM	17.8	NP	NP	NP	11.8	1.0	--	--	--	--	0.07	0.4	0.5	0.65	7.1	0.363	--	1.0E-02	--
Off-site	P-23D	SS-26	56 - 58	Fine Sand	SM	21.1	NP	NP	NP	45.0	2.0	--	--	--	--	0.027	0.08	0.1	0.17	3.7	0.363	--	4.1E-04	--
Off-site	P-23D	SS-28	60 - 62	Fine Sand	ML	25.5	NP	NP	NP	94.7	1.5	--	--	--	--	0.01	0.03	0.05	0.07	5.0	0.363	--	5.8E-05	--
Off-site	P-23D	SS-32	70 - 72	Fine Sand	SM	18.6	NP	NP	NP	30.5	2.0	--	--	--	--	0.02	0.12	0.16	0.31	8.0	0.363	--	9.3E-04	--
Off-site	P-23D	SS-34	74 - 76	Fine Sand	ML	21.2	NP	NP	NP	51.8	1.0	--	--	--	--	0.018	0.08	0.1	0.27	5.6	0.363	--	4.1E-04	--
Off-site	P-23D	SS-36	78 - 80	Fine Sand	SM	22.6	NP	NP	NP	47.9	0.7	--	--	--	--	0.033	0.08	0.08	0.1	2.4	0.363	--	4.1E-04	--
Off-site	P-23D	SS-38	82 - 84	Fine Sand	SM	18.3	NP	NP	NP	35.1	2.0	--	--	--	--	0.033	0.09	0.11	0.2	3.3	0.363	--	5.2E-04	--
Off-site	P-23D	SS-40	86 - 88	Fine Sand	SM	18.6	NP	NP	NP	48.9	3.0	--	--	--	--	0.008	0.08	0.09	0.16	11.3	0.363	--	4.1E-04	--
											Average Values	--	--	--	--	0.033	0.18	0.21	0.34	7.8	0.363	1.0E-02	3.5E-03	--
Off-site	P-24D	SS-19	42 - 44	Glacial Till	GM	7.6	NP	NP	NP	14.4	2.0	--	--	--	--	0.035	6.5	9.4	22	268.6	(9)	--	--	--
											Average Values	--	--	--	--	0.035	6.50	9.40	22.00	268.6	--	--	--	--

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class. (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Production	B-2A	SS-1A	0 - 1.5	Upper Sand	SM	5.7	NP	NP	NP	16.9	3.0	--	--	--	--	0.02	0.7	1.1	17	55.0	0.443	--	7.5E-02	--
Production	B-2B	SS-1	0 - 2	Upper Sand	SM	7.1	NP	NP	NP	15.6	2.7	--	--	--	--	0.022	1.3	3	25	136.4	0.443	--	2.6E-01	--
Production	B-3A	SS-1	0 - 2	Upper Sand	SM	6.4	NP	NP	NP	12.8	1.0	--	--	--	--	0.055	0.7	1.1	14	20.0	0.443	--	7.5E-02	--
Production	B-3B	SS-1	0 - 2	Upper Sand	SP-SM	1.7	NP	NP	NP	9.6	1.5	--	--	--	--	0.08	0.5	0.6	3	7.5	0.443	--	3.8E-02	--
Production	B-7A	SS-1	0 - 2	Upper Sand	SM	5.1	NP	NP	NP	12.1	2.3	--	--	--	--	0.048	0.6	0.9	5	18.8	0.443	--	5.5E-02	--
Production	B-7B	SS-1	0 - 2	Upper Sand	SM	4.3	NP	NP	NP	12.9	1.5	--	--	--	--	0.05	0.6	1.2	12	24.0	0.443	--	5.5E-02	--
Production	B-8A	SS-1	0 - 2	Upper Sand	SM	4.4	NP	NP	NP	17.3	2.1	--	--	--	--	0.028	0.9	1.9	20	67.9	0.443	--	1.2E-01	--
Production	B-8B	SS-1	0 - 2	Upper Sand	SM	4.1	--	--	--	13.5	1.2	--	--	--	--	0.055	1.3	3	19	54.5	0.443	--	2.6E-01	--
Production	MW-10D	SS-1	0 - 2	Upper Sand	SM	5.6	NP	NP	NP	15.7	1.1	--	--	--	--	0.05	0.6	1.2	12	24.0	0.443	--	5.5E-02	--
Production	MW-13S	SS-1	0 - 2	Upper Sand	SM	5.7	NP	NP	NP	18.7	3.2	--	--	--	--	0.022	0.5	0.75	10	34.1	0.443	--	3.8E-02	--
Production	MW-16D	SS-1	0 - 2	Upper Sand	SM	8.9	NP	NP	NP	29.8	3.7	--	--	--	--	0.013	0.25	0.42	28	32.3	0.443	--	9.5E-03	--
Production	SF-A13	A-25	0.5 - 1	Upper Sand	SM	14.1	NP	NP	NP	20.4	2.1	--	--	--	--	0.018	0.5	0.9	6	50.0	0.443	--	3.8E-02	--
Production	SF-A13	A-40	0.5 - 1	Upper Sand	SM	12.0	NP	NP	NP	17.9	2.0	--	--	--	--	0.03	0.6	1.1	15	36.7	0.443	--	5.5E-02	--
Production	SF-A13	E-45	0.5 - 1	Upper Sand	SM	10.9	NP	NP	NP	16.4	1.9	--	--	--	--	0.025	0.5	1.6	7	64.0	0.443	--	3.8E-02	--
Production	SF-A13	J-30	0.5 - 1	Upper Sand	SP-SM	10.6	NP	NP	NP	10.6	1.5	--	--	--	--	0.07	1.9	4.75	25	67.9	0.443	--	5.5E-01	--
Production	SF-A13	J-35	0.5 - 1	Upper Sand	SM	12.9	NP	NP	NP	21.7	3.6	--	--	--	--	0.01	0.43	0.75	6.5	75.0	0.443	--	2.8E-02	--
Production	SF-A13	J-40	0.5 - 1	Upper Sand	SM	10.1	NP	NP	NP	15.7	2.2	--	--	--	--	0.023	1	1.8	10	78.3	0.443	--	1.5E-01	--
Production	SF-A13	O-10	0.5 - 1	Upper Sand	SM	10.5	NP	NP	NP	14.8	2.2	--	--	--	--	0.04	0.8	1.2	15	30.0	0.443	--	9.8E-02	--
Production	SF-A13	O-25	0.5 - 1	Upper Sand	SM	11.3	NP	NP	NP	27.7	3.1	--	--	--	--	0.013	0.3	0.55	4.7	42.3	0.443	--	1.4E-02	--
Production	SF-A13	T-10	0.5 - 1	Upper Sand	SM	6.7	NP	NP	NP	20.1	2.0	--	--	--	--	0.023	0.43	0.75	10	32.6	0.443	--	2.8E-02	--
Production	SF-A13	Y-5	0.5 - 1	Upper Sand	SP-SM	3.8	NP	NP	NP	5.5	0.0	--	--	--	--	0.15	0.5	0.6	1.1	4.0	0.443	2.3E-02	3.8E-02	--
Production	MW-14S	SS-1	1 - 3	Upper Sand	SM	8.1	NP	NP	NP	15.1	1.4	--	--	--	--	0.04	0.7	1.1	12	27.5	0.443	--	7.5E-02	--
Production	B-11A	SS-2	3 - 5	Upper Sand	SP-SM	3.3	NP	NP	NP	11.8	2.1	--	--	--	--	0.05	0.7	1.1	23	22.0	0.443	--	7.5E-02	--
Production	B-11B	SS-1	3 - 7	Upper Sand	SM	6.2	NP	NP	NP	23.9	1.7	--	--	--	--	0.03	0.25	0.5	15	16.7	0.443	--	9.5E-03	--
Production	B-2A	SS-3	4 - 6	Upper Sand	SM	5.4	NP	NP	NP	15.3	1.8	--	--	--	--	0.036	0.4	0.5	4.8	13.9	0.443	--	2.4E-02	--
Production	B-2B	SS-3	4 - 6	Upper Sand	SM	7.5	NP	NP	NP	17.1	1.6	--	--	--	--	0.022	0.6	0.8	5	36.4	0.443	--	5.5E-02	--
Production	B-3A	SS-3	4 - 6	Upper Sand	SM	5.5	NP	NP	NP	13.4	2.9	--	--	--	--	0.03	0.6	0.8	3.5	26.7	0.443	--	5.5E-02	--
Production	B-3B	SS-3	4 - 6	Upper Sand	SP-SM	0.3	NP	NP	NP	8.0	1.0	--	--	--	--	0.11	0.85	1.3	6	11.8	0.443	--	1.1E-01	--
Production	B-7A	SS-3	4 - 6	Upper Sand	SP-SM	6.5	NP	NP	NP	11.9	1.4	--	--	--	--	0.05	0.75	1.3	20	26.0	0.443	--	8.6E-02	--
Production	MW-12D	SS-1	4 - 6	Upper Sand	SP-SM	4.4	--	--	--	8.2	1.5	--	--	--	--	0.11	6	25	35	227.3	0.443	--	5.5E+00	--
Production	MW-13S	SS-3	4 - 6	Upper Sand	SM	8.0	NP	NP	NP	20.8	1.3	--	--	--	--	0.03	0.43	0.7	4.75	23.3	0.443	--	2.8E-02	--
Production	MW-16D	SS-3	4 - 6	Upper Sand	SP-SM	0.2	NP	NP	NP	6.6	0.4	--	--	--	--	0.13	1	1.7	12	13.1	0.443	--	1.5E-01	--
Production	MW-14S	SS-3	5 - 7	Upper Sand	SP-SM	1.9	NP	NP	NP	7.9	1.3	--	--	--	--	0.1	0.5	0.7	2.5	7.0	0.443	--	3.8E-02	--
Production	B-2A	SS-5	8 - 10	Upper Sand	SP-SM	8.3	NP	NP	NP	8.9	0.8	--	--	--	--	0.1	0.9	1.4	13	14.0	0.443	--	1.2E-01	--
Production	B-2B	SS-5	8 - 10	Upper Sand	SM	9.1	--	--	--	14.4	3.0	--	--	--	--	0.025	0.6	1	10	40.0	0.443	--	5.5E-02	--
Production	MW-10D	SS-5	8 - 10	Upper Sand	SM	9.3	NP	NP	NP	15.2	2.0	--	--	--	--	0.045	0.8	1.4	12	31.1	0.443	--	9.8E-02	--
Production	MW-12D	SS-3	8 - 10	Upper Sand	SM	15.2	NP	NP	NP	15.5	1.0	--	--	--	--	0.05	0.38	0.5	6	10.0	0.443	--	2.2E-02	--
Production	MW-13S	SS-5	8 - 10	Upper Sand	SM	11.6	NP	NP	NP	14.5	0.5	--	--	--	--	0.05	0.85	2	18	40.0	0.443	--	1.1E-01	--
Production	MW-14S	SS-5	9 - 11	Upper Sand	SM	19.2	NP	NP	NP	32.0	0.8	--	--	--	--	0.025	0.11	0.12	0.3	4.8	0.443	--	1.8E-03	--
Production	MW-10D	SS-7	12 - 14	Upper Sand	SM	13.5	NP	NP	NP	18.6	3.0	--	--	--	--	0.014	0.45	0.75	6	53.6	0.443	--	3.1E-02	--
Production	MW-12D	SS-5	12 - 14	Upper Sand	SM	14.3	NP	NP	NP	12.2	1.0	--	--	--	--	0.07	0.43	0.6	5.5	8.6	0.443	--	2.8E-02	--
Production	MW-13S	SS-7	12 - 14	Upper Sand	SP-SM	21.0	NP	NP	NP	11.6	1.5	--	--	--	--	0.075	0.2	0.3	2.7	4.0	0.443	--	6.1E-03	--
Production	MW-13S	ST-1	14 - 15	Upper Sand	SP-SM	22.9	NP	NP	NP	11.3	2.0	126.8	103.1	0.385	2.692	0.07	0.22	0.3	0.6	4.3	0.443	--	7.4E-03	2.1E-03
Production	MW-13S	SS-8	16 - 18	Upper Sand	SP-SM	21.7	NP	NP	NP	5.9	0.8	--	--	--	--	0.16	0.39	0.46	4	2.9	0.443	2.6E-02	2.3E-02	--
											Average Values	126.8	103.1	0.385	2.692	0.052	0.75	1.67	11.07	36.8	0.443	2.4E-02	2.0E-01	2.1E-03

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Production	MW-14S	SS-7	13 - 15	Silt	CL	20.7	19	2	17	80.8	6.5	--	--	--	--	0.004	0.02	0.02	0.2	5.0	0.444	--	6.2E-05	--
Production	MW-16D	SS-6	10 - 12	Silt	ML	26.5	NP	NP	NP	57.6	1.0	--	--	--	--	0.045	0.08	0.08	0.12	1.8	0.444	--	9.9E-04	--
Production	MW-16D	SS-8	14 - 16	Silt	SM	14.1	NP	NP	NP	20.3	1.5	--	--	--	--	0.038	1.3	2.7	13	71.1	0.444	--	2.6E-01	--
Production	MW-16D	SS-9B	17 - 18	Silt	ML	23.7	NP	NP	NP	89.8	2.0	--	--	--	--	0.009	0.04	0.05	0.08	5.6	0.444	--	2.5E-04	--
Production	MW-16D	SS-10	18 - 20	Silt	ML	25.9	NP	NP	NP	93.6	6.0	--	--	--	--	0.005	0.04	0.04	0.07	8.0	0.444	--	2.5E-04	--
Production	MW-16D	ST-1	20 - 22	Silt	ML	31.8	NP	NP	NP	94.3	6.0	123.4	93.6	0.443	2.397	0.004	0.03	0.04	0.07	10.0	0.444	--	1.4E-04	1.3E-05
Production	MW-16D	SS-12	24 - 26	Silt	ML	22.5	NP	NP	NP	88.7	4.0	--	--	--	--	0.005	0.04	0.05	0.08	10.0	0.444	--	2.5E-04	--
Production	MW-16D	SS-14A	28 - 29	Silt	ML	20.6	NP	NP	NP	72.4	4.0	--	--	--	--	0.005	0.04	0.06	0.17	12.0	0.444	--	2.5E-04	--
											Average Values	123.4	93.6	0.443	2.397	0.014	0.20	0.38	1.72	15.4	0.444	--	3.3E-02	1.3E-05
Production	MW-10D	SS-9	16 - 18	Fine Sand	SM	10.1	NP	NP	NP	12.3	1.5	--	--	--	--	0.08	1.8	4	14	50.0	0.363	--	2.1E-01	--
Production	MW-12D	SS-7	16 - 18	Fine Sand	SP-SM	17.4	NP	NP	NP	7.4	1.0	--	--	--	--	0.13	0.4	0.45	1.3	3.5	0.363	1.7E-02	1.0E-02	--
Production	MW-14S	SS-9	17 - 19	Fine Sand	SP-SM	19.6	NP	NP	NP	8.2	1.2	--	--	--	--	0.095	0.2	0.24	0.5	2.5	0.363	--	2.6E-03	--
Production	MW-10D	SS-11	20 - 22	Fine Sand	SM	22.2	NP	NP	NP	12.1	2.0	--	--	--	--	0.05	0.48	0.6	2	12.0	0.363	--	1.5E-02	--
Production	MW-12D	SS-9	20 - 22	Fine Sand	SP-SM	10.3	NP	NP	NP	7.3	1.0	--	--	--	--	0.17	1	2.1	9.5	12.4	0.363	--	6.4E-02	--
Production	MW-10D	SS-13	24 - 26	Fine Sand	SM	13.2	NP	NP	NP	13.4	2.0	--	--	--	--	0.04	0.9	1.4	9	35.0	0.363	--	5.2E-02	--
Production	MW-12D	SS-11	24 - 26	Fine Sand	GP-GM	7.3	NP	NP	NP	8.4	1.0	--	--	--	--	0.11	9	25	38	227.3	0.363	--	5.2E+00	--
Production	MW-10D	SS-15	28 - 30	Fine Sand	SM	21.7	NP	NP	NP	13.4	0.7	--	--	--	--	0.075	0.2	0.23	0.5	3.1	0.363	--	2.6E-03	--
Production	MW-12D	SS-12	28 - 30	Fine Sand	SM	11.9	NP	NP	NP	22.6	3.0	--	--	--	--	0.008	1.2	2.1	7.5	262.5	0.363	--	9.3E-02	--
Production	MW-16D	SS-14B	29 - 30	Fine Sand	SM	21.1	NP	NP	NP	42.4	1.0	--	--	--	--	0.017	0.09	0.12	0.4	7.1	0.363	--	5.2E-04	--
Production	MW-10D	SS-17	32 - 34	Fine Sand	SP-SM	20.0	NP	NP	NP	6.9	0.9	--	--	--	--	0.11	0.28	0.3	0.8	2.7	0.363	1.2E-02	5.0E-03	--
Production	MW-12D	SS-14	32 - 34	Fine Sand	GP-GM	4.8	NP	NP	NP	10.3	1.0	--	--	--	--	0.07	6	7.5	14	107.1	0.363	--	2.3E+00	--
Production	MW-16D	SS-16	32 - 34	Fine Sand	SM	14.3	NP	NP	NP	20.2	1.5	--	--	--	--	0.02	0.3	0.4	1.4	20.0	0.363	--	5.8E-03	--
Production	MW-10D	SS-19	36 - 38	Fine Sand	SP-SM	18.3	NP	NP	NP	5.2	0.5	--	--	--	--	0.12	0.32	0.4	1	3.3	0.363	1.4E-02	6.6E-03	--
Production	MW-12D	SS-16	36 - 38	Fine Sand	SM	19.0	NP	NP	NP	35.5	2.5	--	--	--	--	0.01	0.11	0.18	0.3	18.0	0.363	--	7.8E-04	--
Production	MW-16D	SS-18	36 - 38	Fine Sand	SM	23.1	NP	NP	NP	41.8	<1	--	--	--	--	0.05	0.08	0.09	0.18	1.8	0.363	--	4.1E-04	--
Production	MW-16D	SS-20	40 - 42	Fine Sand	SP	19.4	NP	NP	NP	2.7	<1	--	--	--	--	0.23	0.48	0.5	1	2.2	0.363	5.3E-02	1.5E-02	--
											Average Values	--	--	--	--	0.081	1.34	2.68	5.96	45.3	0.363	2.4E-02	4.7E-01	--
Production	MW-10D	SS-21	44 - 46	Glacial Till	ML	21.7	NP	NP	NP	91.0	5.0	--	--	--	--	0.004	0.02	0.03	0.08	7.5	(9)	--	--	--
Production	MW-12D	SS-18	40 - 42	Glacial Till	ML	19.5	NP	NP	NP	74.2	3.0	--	--	--	--	0.007	0.03	0.04	0.1	5.7	(9)	--	--	--
Production	MW-12D	SS-20	44 - 46	Glacial Till	ML	20.6	NP	NP	NP	84.2	6.0	--	--	--	--	0.004	0.02	0.02	0.2	5.0	(9)	--	--	--
Production	MW-16D	SS-22	44 - 46	Glacial Till	ML	10.6	NP	NP	NP	52.3	7.0	--	--	--	--	0.003	0.07	0.2	5	66.7	(9)	--	--	--
											Average Values	--	--	--	--	0.005	0.04	0.07	1.35	21.2	--	--	--	--

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class. (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Warwick	MW-11S	SS-1	0 - 2	Upper Sand	SM	0.2	--	--	--	43.3	0.0	--	--	--	--	0.01	0.1	0.15	0.5	15.0	0.443	--	1.5E-03	--
Warwick	SF-S6	--	0.5 - 1	Upper Sand	SP-SM	1.7	NP	NP	NP	5.3	1.1	--	--	--	--	0.18	0.43	0.55	2	3.1	0.443	3.2E-02	2.8E-02	--
Warwick	SF-S9	B-2(S)	0.5 - 1	Upper Sand	SM	5.4	NP	NP	NP	26.8	2.3	--	--	--	--	0.018	0.35	0.55	5	30.6	0.443	--	1.9E-02	--
Warwick	SF-S9	C-1(S)	0.5 - 1	Upper Sand	SP-SM	2.0	NP	NP	NP	9.0	0.9	--	--	--	--	0.09	0.6	0.8	3	8.9	0.443	--	5.5E-02	--
Warwick	SF-S9	C-2(S)	0.5 - 1	Upper Sand	SM	6.5	NP	NP	NP	30.2	2.0	--	--	--	--	0.013	0.3	0.6	4.8	46.2	0.443	--	1.4E-02	--
Warwick	P-26D	SS-1	0.5 - 2.5	Upper Sand	SM	13.1	NP	NP	NP	24.1	2.6	--	--	--	--	0.025	0.13	0.16	0.3	6.4	0.443	--	2.6E-03	--
Warwick	MW-17D	SS-1	1 - 3	Upper Sand	SM	9.7	NP	NP	NP	21.7	2.3	--	--	--	--	0.03	0.2	0.25	2	8.3	0.443	--	6.1E-03	--
Warwick	SF-S5	C-1(D)	1.5 - 2	Upper Sand	SM	22.0	NP	NP	NP	33.3	2.2	--	--	--	--	0.018	0.19	0.35	2.5	19.4	0.443	--	5.5E-03	--
Warwick	SF-S5	C-2(D)	1.5 - 2	Upper Sand	SM	26.2	NP	NP	NP	30.7	1.7	--	--	--	--	0.014	0.16	0.19	1	13.6	0.443	--	3.9E-03	--
Warwick	SF-S5	C-3(D)	1.5 - 2	Upper Sand	SM	10.2	NP	NP	NP	22.6	0.7	--	--	--	--	0.025	0.42	0.8	13	32.0	0.443	--	2.7E-02	--
Warwick	SF-S5	D-2(D)	1.5 - 2	Upper Sand	SM	20.0	NP	NP	NP	24.5	3.1	--	--	--	--	0.019	0.3	0.55	25	28.9	0.443	--	1.4E-02	--
Warwick	SF-S5	D-3(D)	1.5 - 2	Upper Sand	SM	24.6	NP	NP	NP	44.9	2.7	--	--	--	--	0.011	0.1	0.19	1.8	17.3	0.443	--	1.5E-03	--
Warwick	P-27D	SS-2	2 - 4	Upper Sand	SM	5.1	NP	NP	NP	14.1	1.3	--	--	--	--	0.05	0.55	0.95	18	19.0	0.443	--	4.6E-02	--
Warwick	P-27D	SS-3	4 - 6	Upper Sand	SM	5.7	NP	NP	NP	17.4	2.1	--	--	--	--	0.027	0.6	0.8	8	29.6	0.443	--	5.5E-02	--
Warwick	MW-11S	SS-3	4 - 6	Upper Sand	SM	15.8	--	--	--	24.5	1.9	--	--	--	--	0.018	0.17	0.19	0.3	10.6	0.443	--	4.4E-03	--
Warwick	P-26D	SS-3	4.5 - 6.5	Upper Sand	SM	13.7	NP	NP	NP	14.5	1.4	--	--	--	--	0.035	0.6	1	12	28.6	0.443	--	5.5E-02	--
Warwick	MW-17D	SS-3	5 - 7	Upper Sand	SP-SM	6.8	NP	NP	NP	8.4	0.5	--	--	--	--	0.1	1	1.5	25	15.0	0.443	--	1.5E-01	--
Warwick	P-27D	SS-5	8 - 10	Upper Sand	SM	9.0	NP	NP	NP	12.2	1.0	--	--	--	--	0.006	1.8	5	33	833.3	0.443	--	4.9E-01	--
Warwick	P-26D	SS-5A	8.5 - 9.5	Upper Sand	SM	6.6	NP	NP	NP	12.9	1.7	--	--	--	--	0.047	1	2	25	42.6	0.443	--	1.5E-01	--
Warwick	MW-17D	SS-5	9 - 11	Upper Sand	SM	13.7	NP	NP	NP	12.9	1.0	--	--	--	--	0.07	0.5	0.8	6	11.4	0.443	--	3.8E-02	--
Warwick	MW-11S	ST-1	10 - 12	Upper Sand	SM	43.5	NP	NP	NP	32.3	3.0	109.8	76.6	0.541	2.674	0.02	0.11	0.18	0.38	9.0	0.443	--	1.8E-03	3.7E-05
Warwick	MW-11S	SS-6	12 - 14	Upper Sand	SM	24.8	NP	NP	NP	14.9	2.0	--	--	--	--	0.06	0.43	0.5	3	8.3	0.443	--	2.8E-02	--
Warwick	P-27D	SS-7	12 - 14	Upper Sand	SM	13.3	NP	NP	NP	12.7	1.5	--	--	--	--	0.06	0.5	0.85	3	14.2	0.443	--	3.8E-02	--
Warwick	MW-11S	SS-7	14 - 16	Upper Sand	SM	23.9	NP	NP	NP	26.6	3.0	--	--	--	--	0.015	0.18	0.2	1	13.3	0.443	--	4.9E-03	--
											Average Values	109.8	76.6	0.541	2.674	0.040	0.45	0.80	8.15	52.7	0.443	3.2E-02	5.2E-02	3.7E-05
Warwick	P-26D	SS-6	10.5 - 12.5	Silt	ML	27.8	NP	NP	NP	96.9	12.0	--	--	--	--	0.002	0.02	0.03	0.06	15.0	0.444	--	6.2E-05	--
Warwick	P-26D	ST-1	12.5 - 14.5	Silt	ML	29.7	NP	NP	NP	96.4	6.0	121.5	93.7	0.455	2.760	0.004	0.01	0.02	0.06	5.0	0.444	--	1.5E-05	7.6E-06
Warwick	MW-17D	SS-7	13 - 15	Silt	ML	27.3	NP	NP	NP	83.9	2.0	--	--	--	--	0.013	0.06	0.06	0.08	4.6	0.444	--	5.6E-04	--
Warwick	P-26D	SS-7	14.5 - 16.5	Silt	ML	30.9	NP	NP	NP	98.3	11.0	--	--	--	--	0.002	0.01	0.01	0.05	5.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-9	17 - 19	Silt	ML	27.9	NP	NP	NP	79.7	0.6	--	--	--	--	0.02	0.05	0.06	0.09	3.0	0.444	--	3.9E-04	--
Warwick	P-26D	SS-9	18.5 - 20.5	Silt	ML	30.8	NP	NP	NP	98.3	17.0	--	--	--	--	0.001	0.01	0.01	0.05	10.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-11	21 - 23	Silt	CL	30.7	31	23	8	97.9	16.0	--	--	--	--	0.002	0.01	0.01	0.05	5.0	0.444	--	1.5E-05	--
Warwick	P-26D	SS-11	22.5 - 24.5	Silt	ML	28.4	NP	NP	NP	94.7	7.0	--	--	--	--	0.003	0.01	0.02	0.07	6.7	0.444	--	1.5E-05	--
Warwick	MW-17D	ST-1	23 - 25	Silt	ML	31.2	NP	NP	NP	99.2	7.0	122.3	93.2	0.458	2.761	0.002	0.01	0.01	0.04	5.0	0.444	--	1.5E-05	5.6E-06
Warwick	MW-17D	SS-12	25 - 27	Silt	ML	29.1	NP	NP	NP	96.8	12.0	--	--	--	--	0.002	0.01	0.01	0.06	5.0	0.444	--	1.5E-05	--
Warwick	P-26D	SS-13	26.5 - 28.5	Silt	ML	23.3	NP	NP	NP	97.3	9.0	--	--	--	--	0.001	0.01	0.01	0.05	10.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-14	29 - 31	Silt	ML	36.7	NP	NP	NP	99.2	19.0	--	--	--	--	0.001	0.01	0.01	0.02	10.0	0.444	--	1.5E-05	--
Warwick	P-26D	SS-15	30.5 - 32.5	Silt	ML	28.0	NP	NP	NP	97.1	5.0	--	--	--	--	0.004	0.02	0.03	0.05	7.5	0.444	--	6.2E-05	--
Warwick	MW-17D	SS-16	33 - 35	Silt	ML	30.9	NP	NP	NP	94.8	8.0	--	--	--	--	0.002	0.01	0.01	0.06	5.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-18	37 - 39	Silt	ML	27.3	NP	NP	NP	100.0	5.0	--	--	--	--	0.005	0.01	0.02	0.06	4.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-20	41 - 43	Silt	ML	30.1	NP	NP	NP	97.9	19.0	--	--	--	--	0.001	0.01	0.01	0.03	10.0	0.444	--	1.5E-05	--
Warwick	MW-17D	SS-22	45 - 47	Silt	ML	26.7	NP	NP	NP	99.0	4.0	--	--	--	--	0.005	0.02	0.02	0.06	4.0	0.444	--	6.2E-05	--
Warwick	MW-17D	SS-24	49 - 51	Silt	ML	24.4	NP	NP	NP	83.4	2.0	--	--	--	--	0.009	0.04	0.05	0.1	5.6	0.444	--	2.5E-04	--
Warwick	MW-17D	SS-26	53 - 55	Silt	ML	23.0	NP	NP	NP	89.9	3.0	--	--	--	--	0.009	0.04	0.06	0.08	6.7	0.444	--	2.5E-04	--
											Average Values	121.9	93.5	0.457	2.761	0.005	0.02	0.02	0.06	6.7	0.444	--	9.5E-05	6.6E-06

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class. (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Warwick	P-27D	SS-9	18 - 20	Fine Sand	SM	19.1	NP	NP	NP	44.9	2.0	--	--	--	--	0.01	0.1	0.28	1	28.0	0.363	--	6.4E-04	--
Warwick	P-27D	SS-11	22 - 24	Fine Sand	ML	18.8	NP	NP	NP	65.6	3.0	--	--	--	--	0.009	0.06	0.08	0.18	8.9	0.363	--	2.3E-04	--
Warwick	P-27D	SS-13	26 - 28	Fine Sand	SM	19.6	NP	NP	NP	28.8	1.0	--	--	--	--	0.03	0.12	0.15	0.28	5.0	0.363	--	9.3E-04	--
Warwick	P-27D	SS-15	32 - 34	Fine Sand	SM	17.1	NP	NP	NP	31.5	1.0	--	--	--	--	0.043	0.1	0.12	0.21	2.8	0.363	--	6.4E-04	--
Warwick	P-26D	SS-17	34.5 - 36.5	Fine Sand	SM	11.9	NP	NP	NP	22.4	1.0	--	--	--	--	0.02	1	1.8	4.5	90.0	0.363	--	6.4E-02	--
Warwick	P-27D	SS-17	36 - 38	Fine Sand	SM	18.6	NP	NP	NP	33.1	0.5	--	--	--	--	0.043	0.11	0.13	0.21	3.0	0.363	--	7.8E-04	--
Warwick	P-26D	SS-19	38.5 - 40.5	Fine Sand	SP-SM	11.9	NP	NP	NP	9.1	1.0	--	--	--	--	0.12	1.5	2.4	12	20.0	0.363	--	1.4E-01	--
Warwick	P-27D	SS-19	40 - 42	Fine Sand	SM	17.7	NP	NP	NP	36.9	1.0	--	--	--	--	0.03	0.1	0.13	0.27	4.3	0.363	--	6.4E-04	--
Warwick	P-26D	ST-2	40.5 - 42.5	Fine Sand	SP-SM	4.7	NP	NP	NP	6.9	1.0	115.3	110.1	0.363	2.772	0.19	0.9	1.1	4	5.8	0.363	--	5.2E-02	1.1E-02
Warwick	P-26D	SS-20	42.5 - 44.5	Fine Sand	SP-SM	6.3	NP	NP	NP	9.1	1.0	--	--	--	--	0.1	2	3.8	14	38.0	0.363	--	2.6E-01	--
Warwick	P-27D	SS-21	44 - 46	Fine Sand	ML	19.9	NP	NP	NP	83.1	2.5	--	--	--	--	0.009	0.04	0.06	0.09	6.7	0.363	--	1.0E-04	--
Warwick	P-26D	SS-22	47 - 49	Fine Sand	GW	6.1	NP	NP	NP	4.8	0.5	--	--	--	--	0.4	11	13	30	32.5	0.363	--	7.8E+00	--
Warwick	P-26D	SS-23	49 - 51	Fine Sand	GM	6.3	NP	NP	NP	12.4	1.5	--	--	--	--	0.06	4.7	5.7	30	95.0	0.363	--	1.4E+00	--
Warwick	MW-17D	SS-28	57 - 59	Fine Sand	SM	21.0	NP	NP	NP	48.7	1.0	--	--	--	--	0.028	0.08	0.1	0.17	3.6	0.363	--	4.1E-04	--
Warwick	MW-17D	SS-30	61 - 63	Fine Sand	SM	21.0	NP	NP	NP	28.6	1.0	--	--	--	--	0.05	0.09	0.11	0.17	2.2	0.363	--	5.2E-04	--
Warwick	MW-17D	SS-32	65 - 67	Fine Sand	SM	19.3	NP	NP	NP	27.4	1.0	--	--	--	--	0.03	0.12	0.15	0.25	5.0	0.363	--	9.3E-04	--
Warwick	MW-17D	SS-34	71 - 73	Fine Sand	SM	21.2	NP	NP	NP	44.9	1.5	--	--	--	--	0.03	0.08	0.09	0.16	3.0	0.363	--	4.1E-04	--
Warwick	MW-17D	SS-36	75 - 77	Fine Sand	SM	20.3	NP	NP	NP	32.1	1.0	--	--	--	--	0.04	0.09	0.1	0.19	2.5	0.363	--	5.2E-04	--
											Average Values	115.3	110.1	0.363	2.772	0.069	1.23	1.63	5.43	19.8	0.363	--	5.4E-01	1.1E-02
Warwick	P-27D	SS-22	46 - 48	Glacial Till	ML	15.4	NP	NP	NP	53.6	5.0	--	--	--	--	0.005	0.07	0.11	3.6	22.0	(9)	--	--	--
Warwick	P-27D	SS-24	51 - 52.5	Glacial Till	SM	11.0	NP	NP	NP	47.9	7.0	--	--	--	--	0.003	0.09	0.25	6	83.3	(9)	--	--	--
Warwick	MW-17D	SS-38	79 - 81	Glacial Till	ML	24.4	NP	NP	NP	87.9	2.0	--	--	--	--	0.008	0.04	0.05	0.08	6.3	(9)	--	--	--
Warwick	MW-17D	SS-40	83 - 85	Glacial Till	SM	17.0	NP	NP	NP	46.2	2.0	--	--	--	--	0.018	0.08	0.09	0.18	5.0	(9)	--	--	--
Warwick	MW-17D	SS-43	89 - 91	Glacial Till	SM	10.4	NP	NP	NP	49.0	6.0	--	--	--	--	0.004	0.08	0.2	9.5	50.0	(9)	--	--	--
											Average Values	--	--	--	--	0.008	0.07	0.14	3.87	33.3	--	--	--	--
Waste Water	MW-15D	SS-1	0 - 2	Upper Sand	SM	0.3	--	--	--	17.2	3.0	--	--	--	--	0.05	0.55	1.3	10	26.0	0.443	--	4.6E-02	--
Waste Water	SF-S12	A-1	0.5 - 2	Upper Sand	SM	7.7	NP	NP	NP	14.3	0.7	--	--	--	--	0.05	0.7	1.1	5.5	22.0	0.443	--	7.5E-02	--
Waste Water	SF-S12	A-2	0.5 - 2	Upper Sand	SM	4.4	NP	NP	NP	23.4	1.9	--	--	--	--	0.02	0.2	0.3	6	15.0	0.443	--	6.1E-03	--
Waste Water	SF-S12	B2	0.5 - 2	Upper Sand	SM	8.3	NP	NP	NP	31.3	1.9	--	--	--	--	0.013	0.15	0.19	1.4	14.6	0.443	--	3.4E-03	--
Waste Water	SF-S12	C-2	0.5 - 2	Upper Sand	SM	10.4	NP	NP	NP	24.4	4.5	--	--	--	--	0.013	0.2	0.3	1.2	23.1	0.443	--	6.1E-03	--
Waste Water	B-10A	SS-2	2 - 4	Upper Sand	SM	8.2	NP	NP	NP	12.3	0.7	--	--	--	--	0.06	0.85	1.3	13	21.7	0.443	--	1.1E-01	--
Waste Water	B-10B	SS-2	2 - 4	Upper Sand	SP-SM	1.5	NP	NP	NP	11.3	0.7	--	--	--	--	0.06	1.5	2.6	25	43.3	0.443	--	3.4E-01	--
Waste Water	B-10C	SS-2	2 - 4	Upper Sand	SM	0.9	NP	NP	NP	13.7	1.4	--	--	--	--	0.055	0.9	1.7	14	30.9	0.443	--	1.2E-01	--
Waste Water	MW-15D	SS-3	4 - 6	Upper Sand	SP-SM	8.1	NP	NP	NP	10.8	1.6	--	--	--	--	0.07	0.55	0.8	3.5	11.4	0.443	--	4.6E-02	--
Waste Water	MW-15D	ST-1	8 - 10	Upper Sand	SM	21.2	NP	NP	NP	31.2	3.0	122.6	101.1	0.399	2.700	0.02	0.13	0.18	3	9.0	0.443	--	2.6E-03	1.2E-05
Waste Water	P-25D	SS-5	8 - 10	Upper Sand	SM	19.0	NP	NP	NP	14.0	1.0	--	--	--	--	0.07	0.22	0.3	2	4.3	0.443	--	7.4E-03	--
Waste Water	MW-15D	SS-6	10 - 12	Upper Sand	SP-SM	8.5	NP	NP	NP	10.6	1.0	--	--	--	--	0.08	1.3	3	14	37.5	0.443	--	2.6E-01	--
											Average Values	122.6	101.1	0.399	2.700	0.047	0.60	1.09	8.22	21.6	0.443	--	8.6E-02	1.2E-05

Table 2. Summary of Geotechnical Data - Phase 1B, Round 1

Area	Boring	Sample	Depth (feet)	Unit	USCS Class (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Laboratory Data				Grain Size Data, (6)				D60/D10 (Uniformity Ratio)	Average Porosity (7)	Hydraulic Conductivity, cm/sec		
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	Total Unit Weight (pcf), (4)	Dry Unit Weight (pcf), (4)	Porosity (4, 5)	Specific Gravity (4)	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method	Laboratory Value (8)
Waste Water	P-25D	SS-7B	12 - 14	Silt	ML	29.9	NP	NP	NP	97.0	9.0	--	--	--	--	0.002	0.01	0.01	0.05	5.0	0.444	--	1.5E-05	--
Waste Water	MW-15D	ST-2	14 - 16	Silt	CL	27.8	32	22	10	82.3	14.0	124.0	97.0	0.442	2.788	0.001	0.01	0.01	9.5	10.0	0.444	--	1.5E-05	8.6E-07
Waste Water	P-25DA	ST-3	15 - 17	Silt	ML	35.0	NP	NP	NP	99.6	22.0	118.4	87.7	0.492	2.772	0.002	0.01	0.01	0.01	5.0	0.444	--	1.5E-05	1.2E-06
Waste Water	MW-15D	SS-9	16 - 18	Silt	ML	34.2	32	24	8	99.1	16.0	--	--	--	--	0.001	0.01	0.01	0.02	10.0	0.444	--	1.5E-05	--
Waste Water	P-25D	SS-9	16 - 18	Silt	ML	30.6	NP	NP	NP	88.9	15.0	--	--	--	--	0.001	0.01	0.01	0.15	10.0	0.444	--	1.5E-05	--
Waste Water	P-25D	SS-11	20 - 22	Silt	ML	22.6	NP	NP	NP	91.2	4.0	--	--	--	--	0.005	0.03	0.04	0.07	8.0	0.444	--	1.4E-04	--
Waste Water	MW-15D	SS-13	24 - 26	Silt	ML	27.1	25	22	3	99.0	10.0	--	--	--	--	0.002	0.01	0.01	0.05	5.0	0.444	--	1.5E-05	--
Waste Water	P-25D	SS-13A	24 - 26	Silt	ML	29.0	NP	NP	NP	98.3	5.0	--	--	--	--	0.003	0.01	0.01	0.05	3.3	0.444	--	1.5E-05	--
Waste Water	MW-15D	SS-15	28 - 30	Silt	ML	23.0	NP	NP	NP	90.5	4.0	--	--	--	--	0.006	0.03	0.07	0.08	11.7	0.444	--	1.4E-04	--
Waste Water	P-25D	SS-15B	28 - 30	Silt	ML	22.0	NP	NP	NP	96.7	9.0	--	--	--	--	0.002	0.01	0.01	0.06	5.0	0.444	--	1.5E-05	--
Waste Water	MW-15D	SS-17	32 - 34	Silt	ML	34.4	NP	NP	NP	91.0	4.0	--	--	--	--	0.006	0.04	0.05	0.08	8.3	0.444	--	2.5E-04	--
Waste Water	P-25D	SS-17	32 - 34	Silt	ML	21.8	NP	NP	NP	95.9	4.0	--	--	--	--	0.005	0.02	0.03	0.07	6.0	0.444	--	6.2E-05	--
Waste Water	MW-15D	SS-19	36 - 38	Silt	ML	22.8	NP	NP	NP	66.7	3.0	--	--	--	--	0.01	0.07	0.07	0.12	7.0	0.444	--	7.6E-04	--
Waste Water	P-25D	SS-19	36 - 38	Silt	ML	15.5	NP	NP	NP	50.2	5.0	--	--	--	--	0.006	0.08	0.1	0.3	16.7	0.444	--	9.9E-04	--
Waste Water	MW-15D	SS-21	40 - 42	Silt	ML	21.6	NP	NP	NP	71.3	4.0	--	--	--	--	0.008	0.05	0.06	0.23	7.5	0.444	--	3.9E-04	--
Waste Water	P-25D	SS-21	40 - 42	Silt	SM	16.3	NP	NP	NP	22.3	2.0	--	--	--	--	0.019	0.19	0.22	0.5	11.6	0.444	--	5.6E-03	--
Waste Water	P-25D	SS-23	44 - 46	Silt	ML	17.0	NP	NP	NP	59.9	3.0	--	--	--	--	0.009	0.07	0.08	0.2	8.9	0.444	--	7.6E-04	--
Waste Water	P-25D	ST-2	48 - 50	Silt	ML	19.9	NP	NP	NP	94.5	2.0	131.6	109.8	0.354	2.726	0.007	0.04	0.05	0.07	7.1	0.444	--	2.5E-04	2.6E-05
Waste Water	P-25D	SS-26	50 - 52	Silt	ML	17.3	NP	NP	NP	61.8	2.5	--	--	--	--	0.013	0.07	0.08	0.18	6.2	0.444	--	7.6E-04	--
											Average Values	124.7	98.2	0.429	2.762	0.006	0.04	0.05	0.62	8.0	0.444	--	5.4E-04	9.4E-06
Waste Water	MW-15D	SS-23	44 - 46	Fine Sand	SM	9.3	NP	NP	NP	25.4	9.0	--	--	--	--	0.003	0.45	1	7	333.3	0.363	--	1.3E-02	--
Waste Water	P-25D	SS-28	54 - 56	Fine Sand	SM	18.0	NP	NP	NP	22.0	1.0	--	--	--	--	0.05	0.15	0.17	0.29	3.4	0.363	--	1.4E-03	--
Waste Water	P-25D	SS-30	58 - 60	Fine Sand	SM	19.5	NP	NP	NP	17.8	1.0	--	--	--	--	0.06	0.16	0.18	0.29	3.0	0.363	--	1.6E-03	--
Waste Water	P-25D	SS-34	65 - 67	Fine Sand	SM	14.8	NP	NP	NP	30.3	2.5	--	--	--	--	0.035	0.12	0.16	0.3	4.6	0.363	--	9.3E-04	--
Waste Water	P-25D	SS-36	69 - 71.5	Fine Sand	SM	7.5	NP	NP	NP	18.8	2.0	--	--	--	--	0.013	2	4.2	22	323.1	0.363	--	2.6E-01	--
											Average Values	--	--	--	--	0.032	0.58	1.14	5.98	133.5	0.363	--	5.5E-02	--

Notes:

1. Unified Soil Classification System:
   - CL = Primarily clay (above "A" line in plasticity chart).
   - GP-GM = Sandy gravel to gravel, with trace fines (6% to 12% passing the #200 sieve).
   - ML = Primarily silt (below "A" line in plasticity chart).
   - SM = Silty sand to sand, some silt (12% to 50% passing the #200 sieve).
   - SP-SM = Sand, trace silt (6% to 12% passing the #200 sieve).
   - SP = Clean sand (less than 6% passing the #200 sieve).
2. NP means the material was non-plastic; if no value is given for a sample, there was insufficient material for testing, or no test was assigned.
3. Percentage of the sample (by weight) passing the #200 sieve (0.074 mm) and 2 micron (0.002 mm), respectively.
4. Total and dry unit weights, specific gravity, and porosity were tested only on undisturbed (Shelby tube) samples.
5. Porosity before hydraulic conductivity test. The porosity was measured both before and after hydraulic conductivity tests, except for sediment samples which were not tested for hydraulic conductivity.
6. D10, D50, D60, and D90 denote the particle size values from the distribution curves for which 10%, 50%, 60% and 90% of the sample, respectively, is finer.
7. Average porosity for any one unit (e.g., Upper Sand) is the average of laboratory-measured porosities in that same unit (e.g., Upper Sand) in all four areas of the site (i.e., Off-site, Production, Warwick, and Waste Water).
8. Laboratory hydraulic conductivity test performed in vertical direction.
9. The porosity of the Glacial Till unit was not evaluated.

Prepared by: SMM
Checked by:

Table 3. Summary of Geotechnical Data - Phase 1B, Round 2

Area	Boring	Sample	Depth (feet)	Unit	USCS Class. (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Grain Size Data, (4)				D60/D10 (Uniformity Ratio)	Average Porosity (5)	Hydraulic Conductivity, cm/sec	
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)			Hazen Method	Kozeny-Carman Method
Production	B-7B	---	0 - 2	Upper Sand	SM	9.6	--	--	--	12.1	1.2	0.05	0.9	1.7	13	34.0	0.443	--	1.2E-01
Production	B-7C	SS-1	0 - 2	Upper Sand	SM	6.7	NP	NP	NP	15.7	1.3	0.04	0.55	1	25	25.0	0.443	--	4.6E-02
Production	B-8B	SS-1	0 - 2	Upper Sand	SP-SM	6.2	NP	NP	NP	10.7	0.8	0.07	2.5	9	25	128.6	0.443	--	9.5E-01
Production	B-8C	SS-1	0 - 2	Upper Sand	SP-SM	4.6	NP	NP	NP	9.6	1.6	0.08	0.08	1.8	17	22.5	0.443	--	9.8E-04
Production	SF-A13	AA-7 (S)	0.5 - 1	Upper Sand	SP-SM	7.6	NP	NP	NP	9.5	0.0	0.09	0.5	0.8	17	8.9	0.443	--	3.8E-02
Production	SF-A13	C-27 (S)	0.5 - 1	Upper Sand	SM	12.2	NP	NP	NP	18.6	2.3	0.018	0.55	1	10	55.6	0.443	--	4.6E-02
Production	SF-A13	C-41 (S)	0.5 - 1	Upper Sand	SM	7.4	NP	NP	NP	13.8	0.0	0.05	0.5	0.65	8	13.0	0.443	--	3.8E-02
Production	SF-A13	G-47 (S)	0.5 - 1	Upper Sand	SP-SM	5.6	NP	NP	NP	11.4	0.0	0.06	0.6	1	7	16.7	0.443	--	5.5E-02
Production	SF-A13	J-40 (S)	0.5 - 1	Upper Sand	SM	13.8	NP	NP	NP	21.0	2.3	0.013	0.5	0.7	5	53.8	0.443	--	3.8E-02
Production	SF-A13	L-32 (S)	0.5 - 1	Upper Sand	SP-SM	11.4	NP	NP	NP	7.5	0.0	0.11	1.2	4	20	36.4	0.443	--	2.2E-01
Production	SF-A13	L-37 (S)	0.5 - 1	Upper Sand	SP-SM	8.4	NP	NP	NP	7.8	0.0	0.11	0.65	1	10	9.1	0.443	--	6.5E-02
Production	SF-A13	O-11 (S)	0.5 - 1	Upper Sand	SP-SM	3.9	NP	NP	NP	10.8	0.0	0.065	0.5	0.7	10	10.8	0.443	--	3.8E-02
Production	SF-A13	Q-27 (S)	0.5 - 1	Upper Sand	SM	13.6	NP	NP	NP	14.2	0.7	0.04	0.6	1	11	25.0	0.443	--	5.5E-02
Production	SF-A13	T-10 (S)	0.5 - 1	Upper Sand	SM	8.4	--	--	--	18.2	2.0	0.025	0.5	0.75	7	30.0	0.443	--	3.8E-02
Production	B-11C	SS-1	0.5 - 2	Upper Sand	SM	9.2	--	--	--	13.7	2.1	0.04	1.9	4	19	100.0	0.443	--	5.5E-01
Production	B-15A	SS-2	2 - 4	Upper Sand	SM	7.6	--	--	--	20.0	2.1	0.03	0.2	0.35	2	11.7	0.443	--	6.1E-03
Production	B-2C	SS-2	2 - 4	Upper Sand	SM	10.6	NP	NP	NP	19.0	2.1	0.02	0.43	0.55	4	27.5	0.443	--	2.8E-02
Production	B-2D	SS-2	2 - 4	Upper Sand	SP-SM	3.8	NP	NP	NP	12.0	2.0	0.045	1.8	3	19	66.7	0.443	--	4.9E-01
Production	B-3C	SS-2	2 - 4	Upper Sand	SM	11.0	NP	NP	NP	28.7	3.0	0.013	0.25	0.4	3	30.8	0.443	--	9.5E-03
Production	B-3D	SS-2	2 - 4	Upper Sand	SM	10.4	NP	NP	NP	16.2	2.1	0.03	0.5	0.7	5	23.3	0.443	--	3.8E-02
Production	B-11B	--	2 - 7	Upper Sand	SM	8.6	NP	NP	NP	22.7	2.6	0.035	0.2	0.3	4.5	8.6	0.443	--	6.1E-03
Production	B-7C	SS-3	4 - 6	Upper Sand	SM	9.2	NP	NP	NP	15.4	1.7	0.05	0.35	0.6	11	12.0	0.443	--	1.9E-02
Production	B-8C	SS-3	4 - 6	Upper Sand	SM	12.7	NP	NP	NP	12.7	0.9	0.06	0.5	0.9	4.8	15.0	0.443	--	3.8E-02
Production	B-11C	SS-3	5 - 7	Upper Sand	SM	11.3	NP	NP	NP	20.1	1.9	0.03	0.75	1.8	14	60.0	0.443	--	8.6E-02
Production	B-15A	SS-4	6 - 8	Upper Sand	SP	6.1	NP	NP	NP	4.9	0.5	0.17	0.5	0.55	2	3.2	0.443	2.9E-02	3.8E-02
Production	B-2B	--	6 - 8	Upper Sand	SP-SM	8.0	NP	NP	NP	11.4	1.4	0.055	0.65	1	9.5	18.2	0.443	--	6.5E-02
Production	B-2C	SS-4	6 - 8	Upper Sand	SM	8.0	--	--	--	16.0	2.7	0.035	0.42	0.5	4	14.3	0.443	--	2.7E-02
Production	B-2D	SS-4	6 - 8	Upper Sand	SM	4.7	NP	NP	NP	16.9	3.0	0.015	0.5	0.6	4	40.0	0.443	--	3.8E-02
Production	B-3A	SS-4	6 - 8	Upper Sand	SM	10.5	NP	NP	NP	23.1	1.5	0.03	0.42	0.6	12	20.0	0.443	--	2.7E-02
Production	B-3C	SS-4	6 - 8	Upper Sand	SM	18.6	NP	NP	NP	21.0	0.9	0.05	0.12	0.15	5	3.0	0.443	--	2.2E-03
Production	B-3D	SS-4	6 - 8	Upper Sand	SP-SM	5.1	--	--	--	9.3	0.8	0.09	2.5	4	25	44.4	0.443	--	9.5E-01
Production	MW-16S	SS-5	8 - 10	Upper Sand	SP-SM	17.6	NP	NP	NP	6.8	0.6	0.1	0.2	0.28	1	2.8	0.443	1.0E-02	6.1E-03
										Average Values		**0.054**	**0.70**	**1.42**	**10.43**	**30.3**	**0.443**	**1.9E-02**	**1.3E-01**

Table 3. Summary of Geotechnical Data - Phase 1B, Round 2

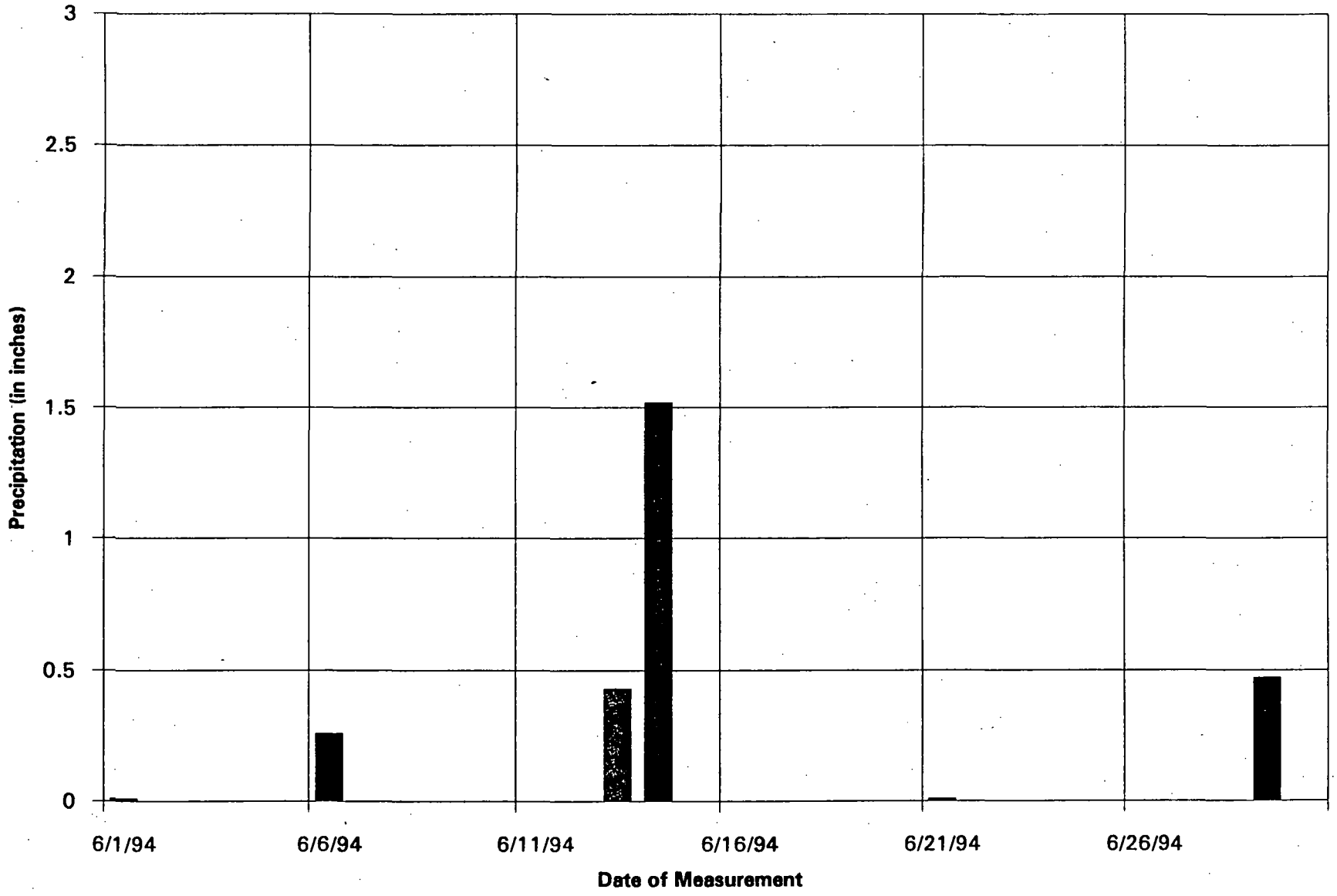
Area	Boring	Sample	Depth (feet)	Unit	USCS Class. (1)	Water Content (%)	Atterberg Limits (2)			Sieve Size (%) Passing, (3)		Grain Size Data, (4)						Hydraulic Conductivity, cm/sec	
							Liquid Limit	Plastic Limit	Plasticity Index	<#200 Sieve	<2 micron	D10 (mm)	D50 (mm)	D60 (mm)	D90 (mm)	D60/D10 (Uniformity Ratio)	Average Porosity (5)	Hazen Method	Kozeny-Carman Method
Warwick	SF-S5	YY-3 (S)	0.5 - 1	Upper Sand	SM	17.3	--	--	--	31.9	2.1	0.025	0.11	0.12	0.2	4.8	0.443	--	1.8E-03
Warwick	SF-S6	A-1	0.5 - 1	Upper Sand	SP-SM	4.8	NP	NP	NP	8.8	1.4	0.09	0.4	0.5	4	5.6	0.443	--	2.4E-02
Warwick	SF-S6	B-1	0.5 - 1	Upper Sand	SP-SM	6.0	NP	NP	NP	9.3	1.0	0.08	0.35	0.5	3	6.3	0.443	--	1.9E-02
Warwick	SF-S6	--	0.5 - 1	Upper Sand	SP-SM	4.8	NP	NP	NP	9.9	1.4	0.075	0.35	0.5	6	6.7	0.443	--	1.9E-02
Warwick	SF-S9	C-1 (S)	0.5 - 1	Upper Sand	SP	1.8	--	--	--	3.6	0.3	0.2	2.5	6	25	30.0	0.443	--	9.5E-01
Warwick	SF-S9	ZZ-1 (S)	0.5 - 1	Upper Sand	SM	11.0	--	--	--	18.4	1.8	0.033	0.19	0.2	0.7	6.1	0.443	--	5.5E-03
Warwick	SF-S9	ZZ-1 (S)	0.5 - 1	Upper Sand	SM	5.6	NP	NP	NP	13.9	1.0	0.055	0.25	0.3	1	5.5	0.443	--	9.5E-03
Warwick	SF-S9	ZZ-2 (S)	0.5 - 1	Upper Sand	SM	8.6	--	--	--	26.8	2.3	0.025	0.12	0.18	1	7.2	0.443	--	2.2E-03
Warwick	SF-S9	ZZ-2 (S)	0.5 - 1	Upper Sand	SM	7.5	NP	NP	NP	13.9	1.1	0.055	0.25	0.35	1	6.4	0.443	--	9.5E-03
Warwick	SF-S5	A-2 (D)	1.5 - 2	Upper Sand	SM	18.2	NP	NP	NP	27.4	2.8	0.02	0.12	0.17	0.35	8.5	0.443	--	2.2E-03
Warwick	SF-S5	B-3 (D)	1.5 - 2	Upper Sand	SM	17.1	--	--	--	24.5	2.7	0.02	0.2	0.35	25	17.5	0.443	--	6.1E-03
Warwick	SF-S5	C-1 (D)	1.5 - 2	Upper Sand	SM	22.5	--	--	--	21.6	1.7	0.03	0.5	20	30	666.7	0.443	--	3.8E-02
Warwick	SF-S5	C-2 (D)	1.5 - 2	Upper Sand	SM	26.7	--	--	--	32.5	2.4	0.015	0.18	0.25	6	16.7	0.443	--	4.9E-03
Warwick	SF-S5	C-4 (D)	1.5 - 2	Upper Sand	SM	11.6	NP	NP	NP	23.5	1.5	0.025	0.3	0.5	25	20.0	0.443	--	1.4E-02
Warwick	SF-S5	E-3 (D)	1.5 - 2	Upper Sand	SM	23.6	--	--	--	30.4	2.3	0.017	0.25	0.45	6	26.5	0.443	--	9.5E-03
Warwick	B-16A	SS-2	2 - 4	Upper Sand	SM	7.5	NP	NP	NP	17.8	1.4	0.03	0.35	0.5	10	16.7	0.443	--	1.9E-02
											Average Values	**0.050**	**0.40**	**1.93**	**9.02**	**53.2**	**0.443**	**--**	**7.1E-02**
Waste Water	SF-S12	A-1	0.5 - 2	Upper Sand	SM	6.5	--	--	--	12.6	1.2	0.05	1	2	15	40.0	0.443	--	1.5E-01
Waste Water	SF-S12	A-3	0.5 - 2	Upper Sand	SM	10.2	--	--	--	23.7	2.7	0.02	0.3	0.45	9	22.5	0.443	--	1.4E-02
Waste Water	SF-S12	B-3	0.5 - 2	Upper Sand	SM	8.8	--	--	--	18.1	1.5	0.035	0.5	3	30	85.7	0.443	--	3.8E-02
Waste Water	SF-S12	C-2	0.5 - 2	Upper Sand	SM	11.7	--	--	--	19.0	2.4	0.03	0.35	0.55	25	18.3	0.443	--	1.9E-02
Waste Water	B-10D	SS-2	2 - 4	Upper Sand	SM	5.6	NP	NP	NP	19.5	1.2	0.04	0.85	1.7	16	42.5	0.443	--	1.1E-01
Waste Water	B-10E	SS-2	2 - 4	Upper Sand	SM	7.9	NP	NP	NP	24.0	1.4	0.03	0.5	0.85	9	28.3	0.443	--	3.8E-02
Waste Water	B-10C	SS-2	2 - 4	Upper Sand	SM	3.8	NP	NP	NP	13.7	0.0	0.05	1	2.5	20	50.0	0.443	--	1.5E-01
											Average Values	**0.036**	**0.64**	**1.58**	**17.71**	**41.1**	**0.443**	**--**	**7.5E-02**

Notes:

1. Unified Soil Classification System:
   - CL = Primarily clay (above "A" line in plasticity chart).
   - GP-GM = Sandy gravel to gravel, with trace fines (6% to 12% passing the #200 sieve).
   - ML = Primarily silt (below "A" line in plasticity chart).
   - SM = Silty sand to sand, some silt (12% to 50% passing the #200 sieve).
   - SP-SM = Sand, trace silt (6% to 12% passing the #200 sieve).
   - SP = Clean sand (less than 6% passing the #200 sieve).
2. NP means the material was non-plastic; if no value is given for a sample, there was insufficient material for testing, or no test was assigned.
3. Percentage of the sample (by weight) passing the #200 sieve (0.074 mm) and 2 micron (0.002 mm), respectively.
4. D10, D50, D60, and D90 denote the particle size values from the distribution curves for which 10%, 50%, 60% and 90% of the sample, respectively, is finer.
5. Average porosity for Upper Sand unit from Phase 1B, Round 1 data was used in the Kozeny-Carman method of estimating hydraulic conductivities.
6. Where no Atterberg Limit test was performed, classification was based only on grain size analysis.

Prepared by: SMM
Checked by:

Figure : Precipitation Data - June 1994



clh b:JUN94.XLS Chart 1

Figure : Precipitation Data - July 1994

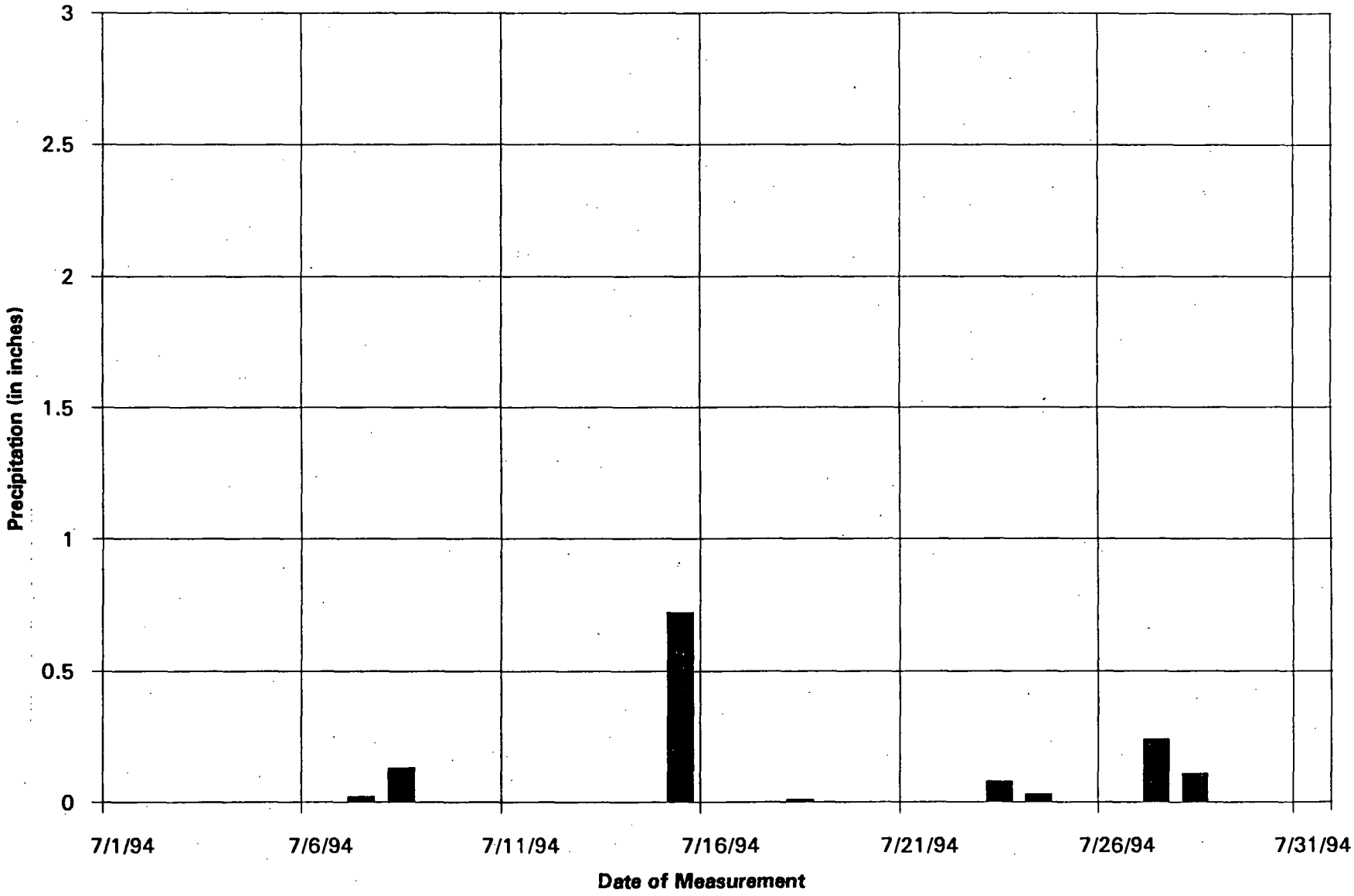


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Figure : Precipitation Data - August 1994

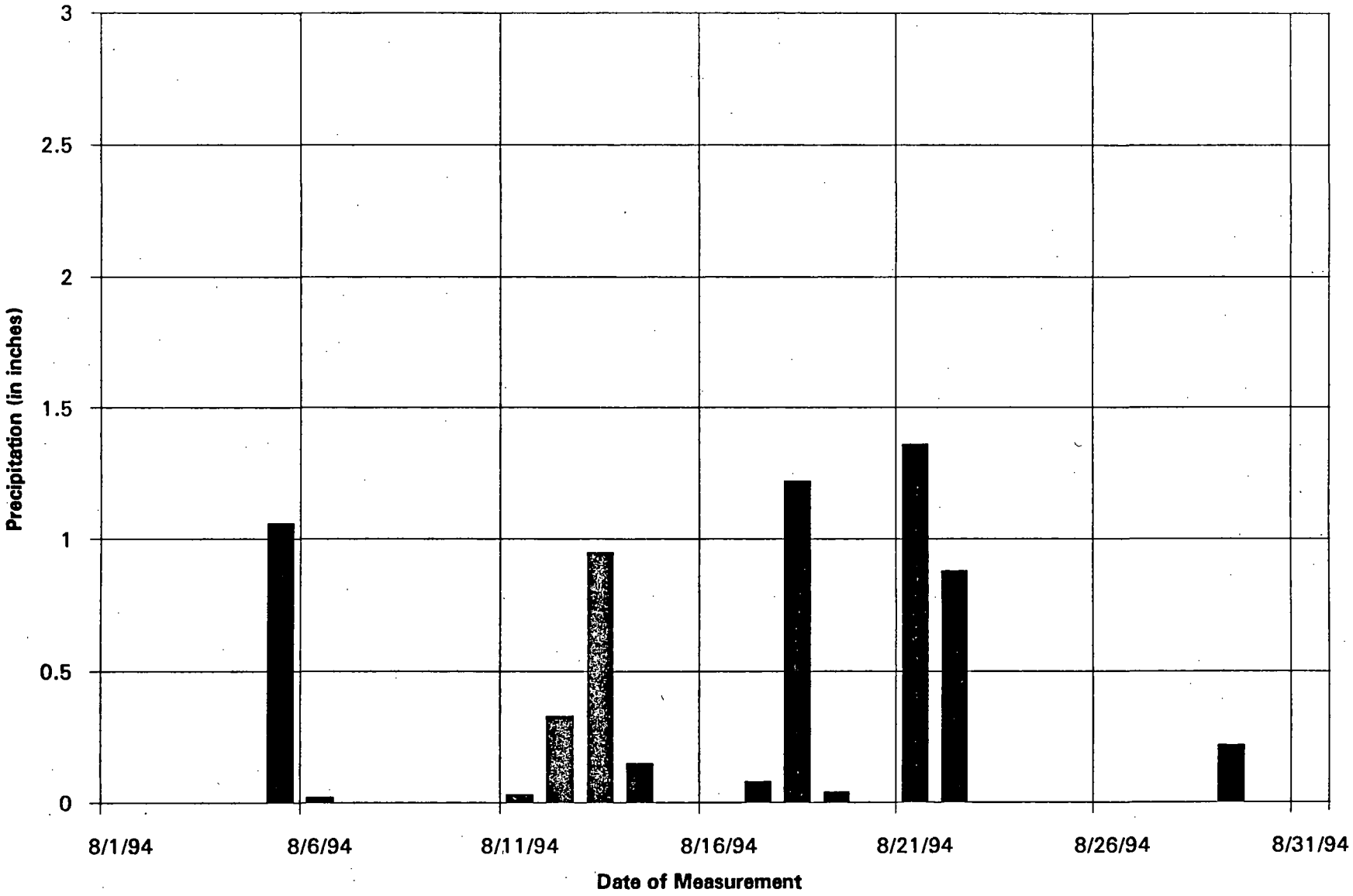

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Figure : Precipitation Data - September 1994

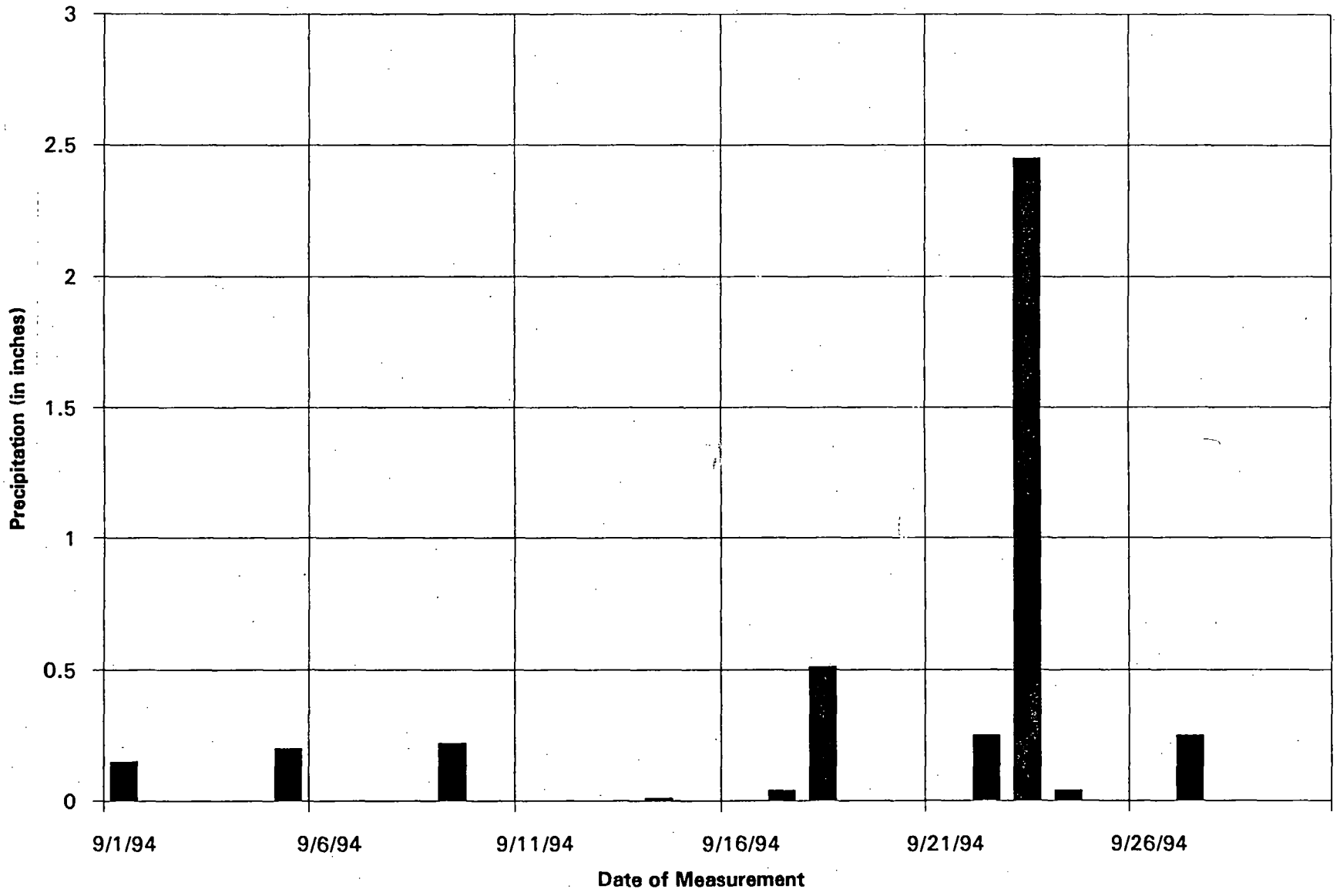

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Figure : Precipitation Data - October 1994

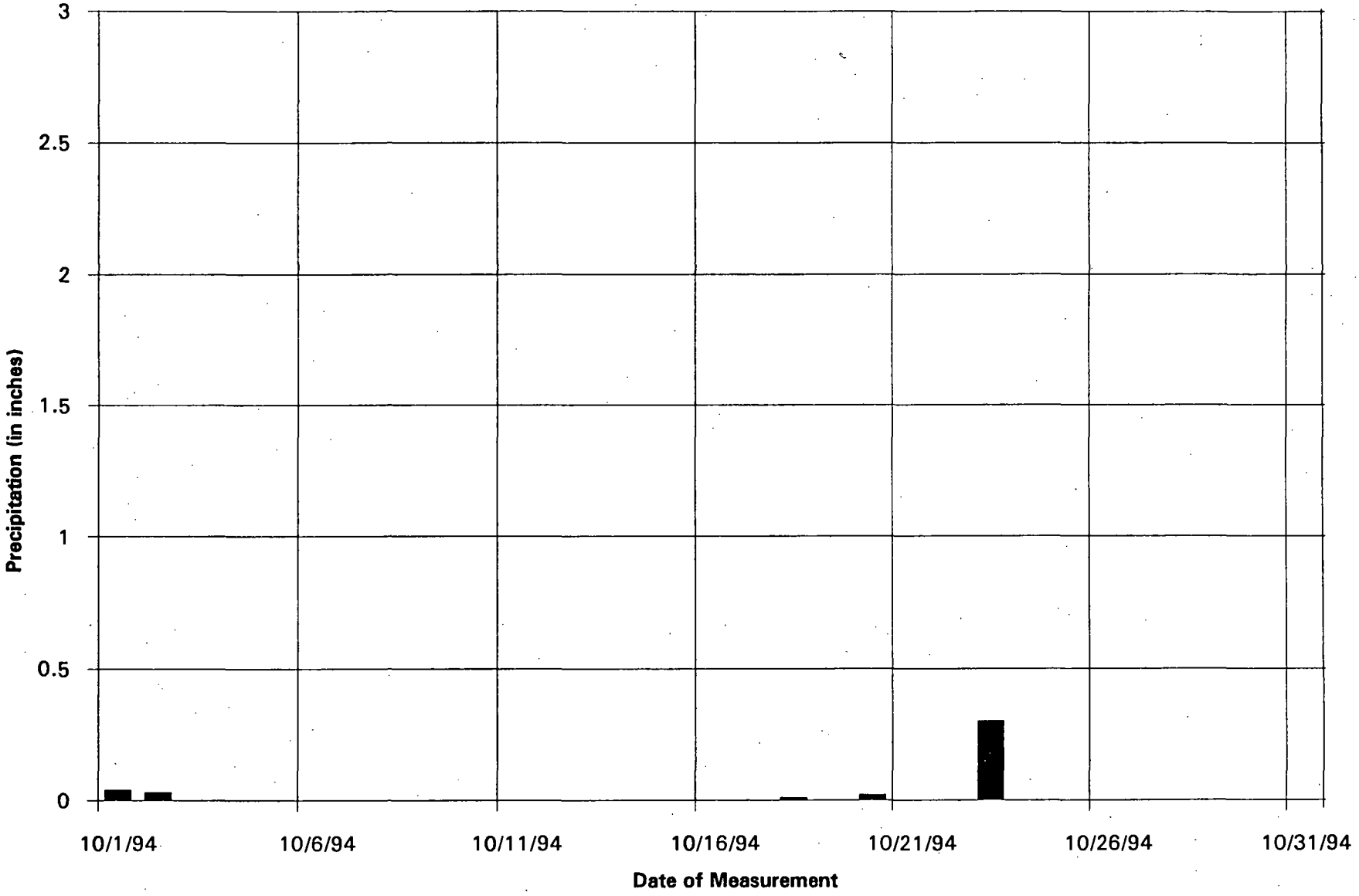

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Figure : Precipitation Data - November 1994

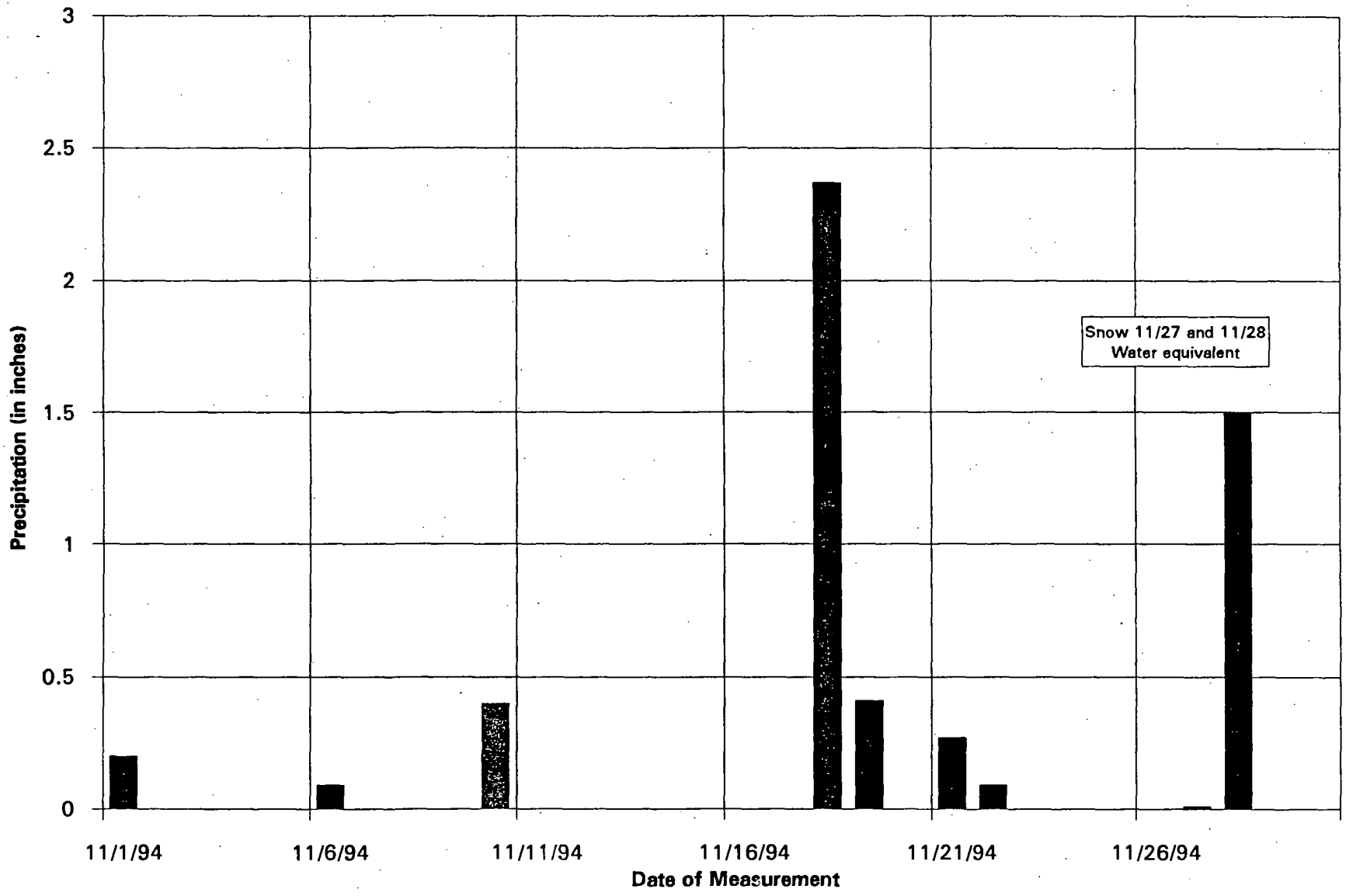

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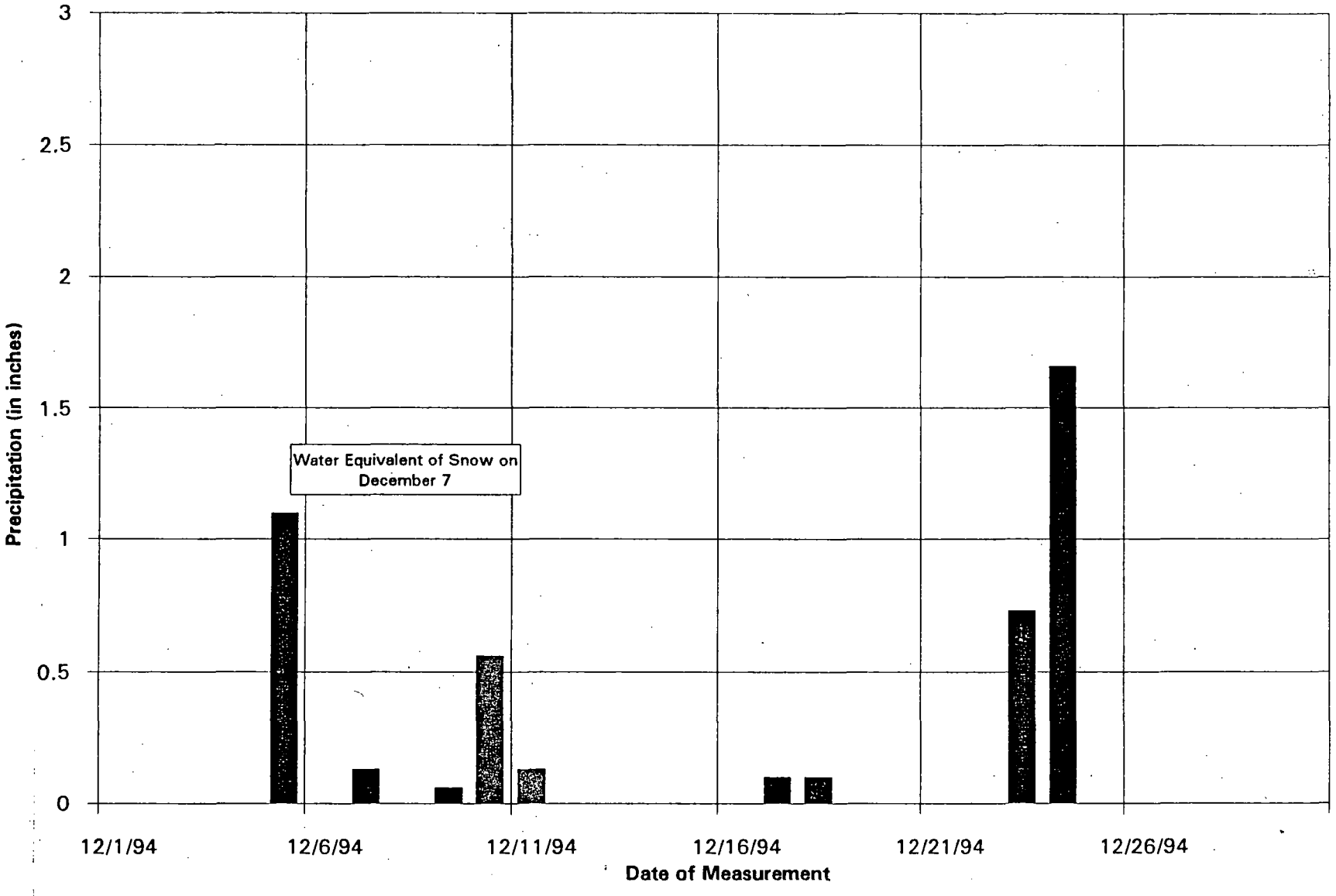
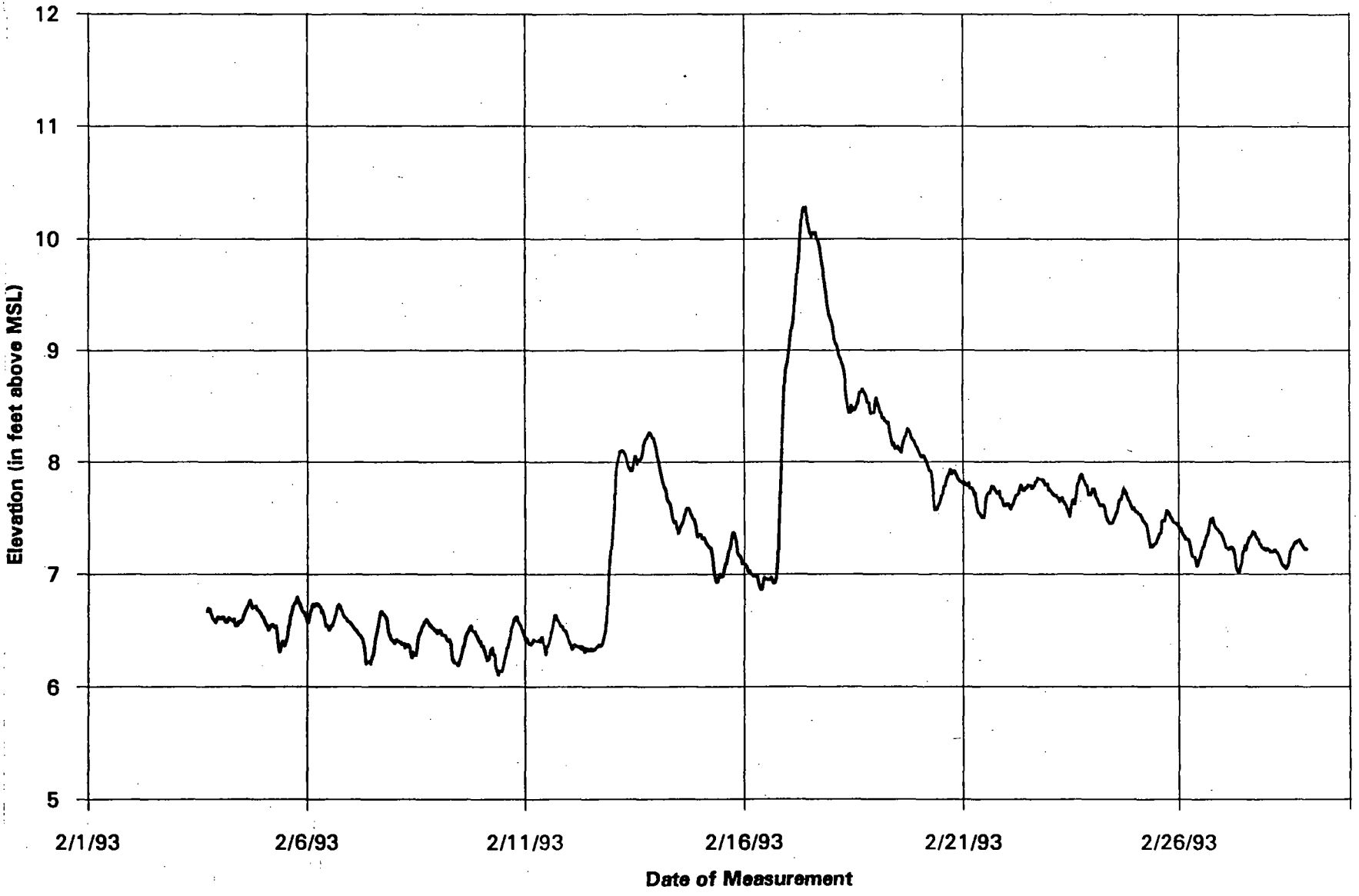
Figure : Precipitation Data - December 1994



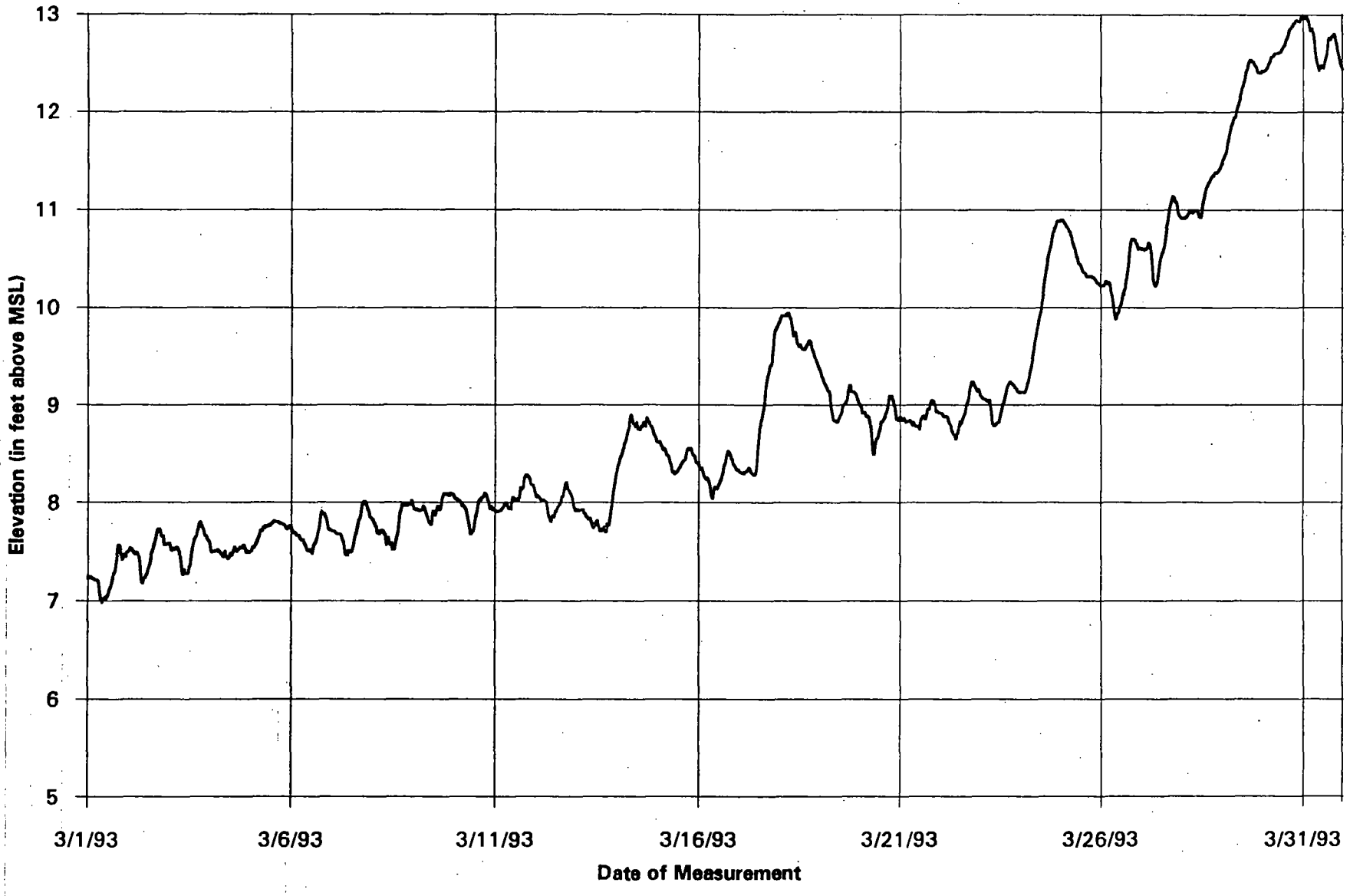
CLH b: \ DEC94.XLS Chart 1

Figure : Stilling Well Hydrograph - February 1993



CLH: b:\ORTF429.XLS Chart 1

Figure : Stilling Well Hydrograph - March 1993



CLH: b:\ORTF93.XLS Chart 2

Figure : Stilling Well Hydrograph - April 1993

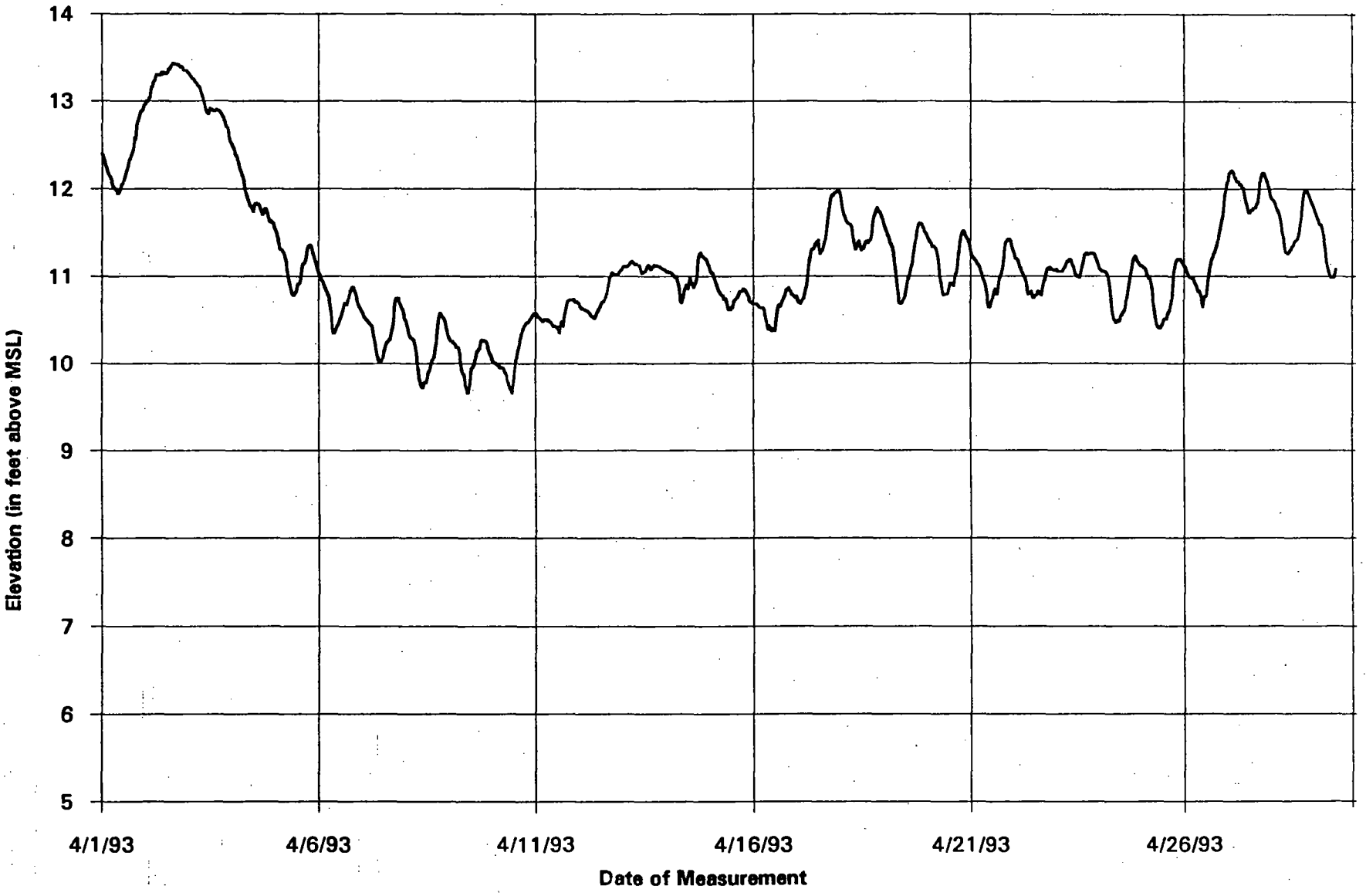


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Figure : MW-1D Hydrograph - February 1993

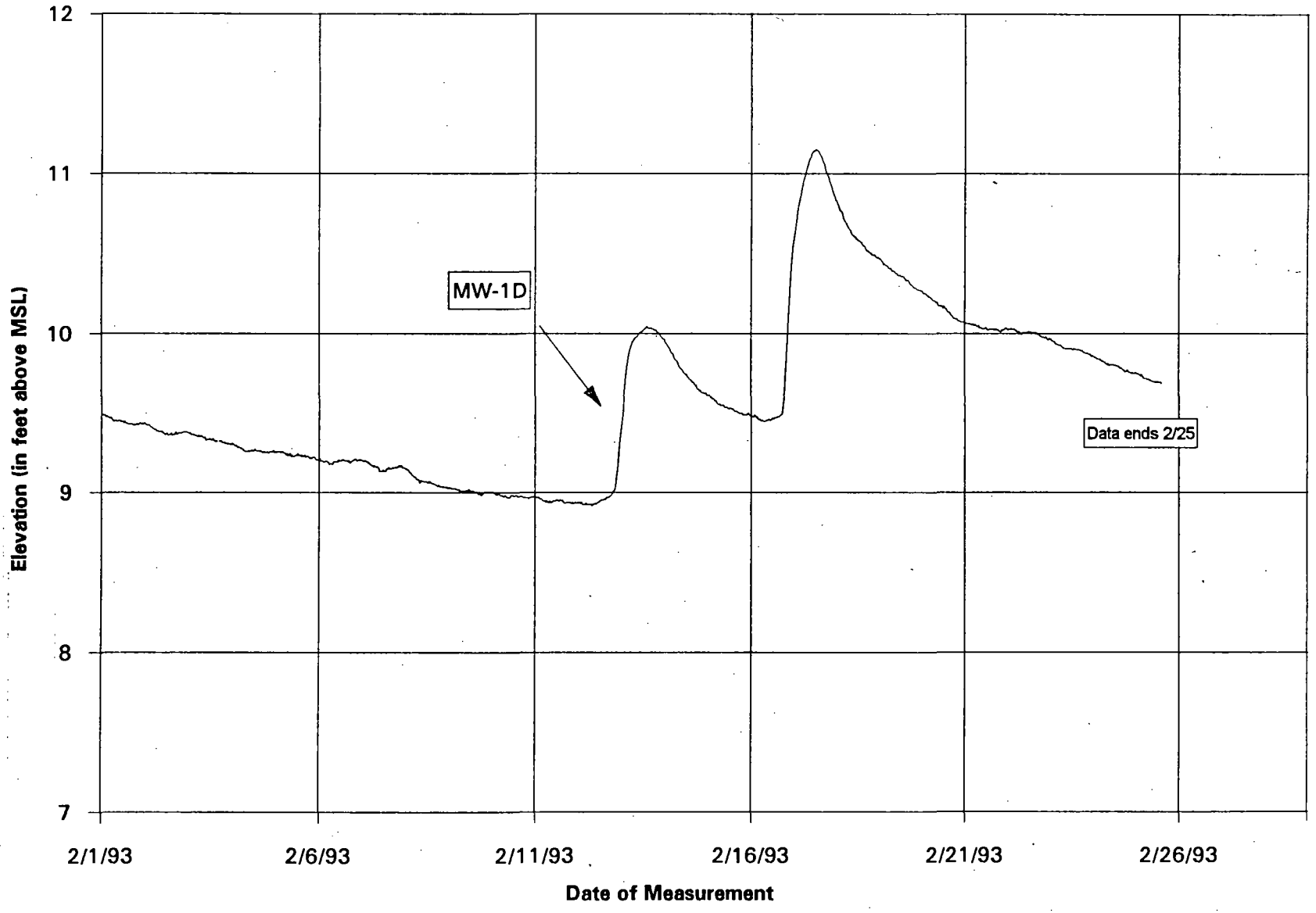

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Figure : MW-1S and MW-1D Hydrographs - June 1993

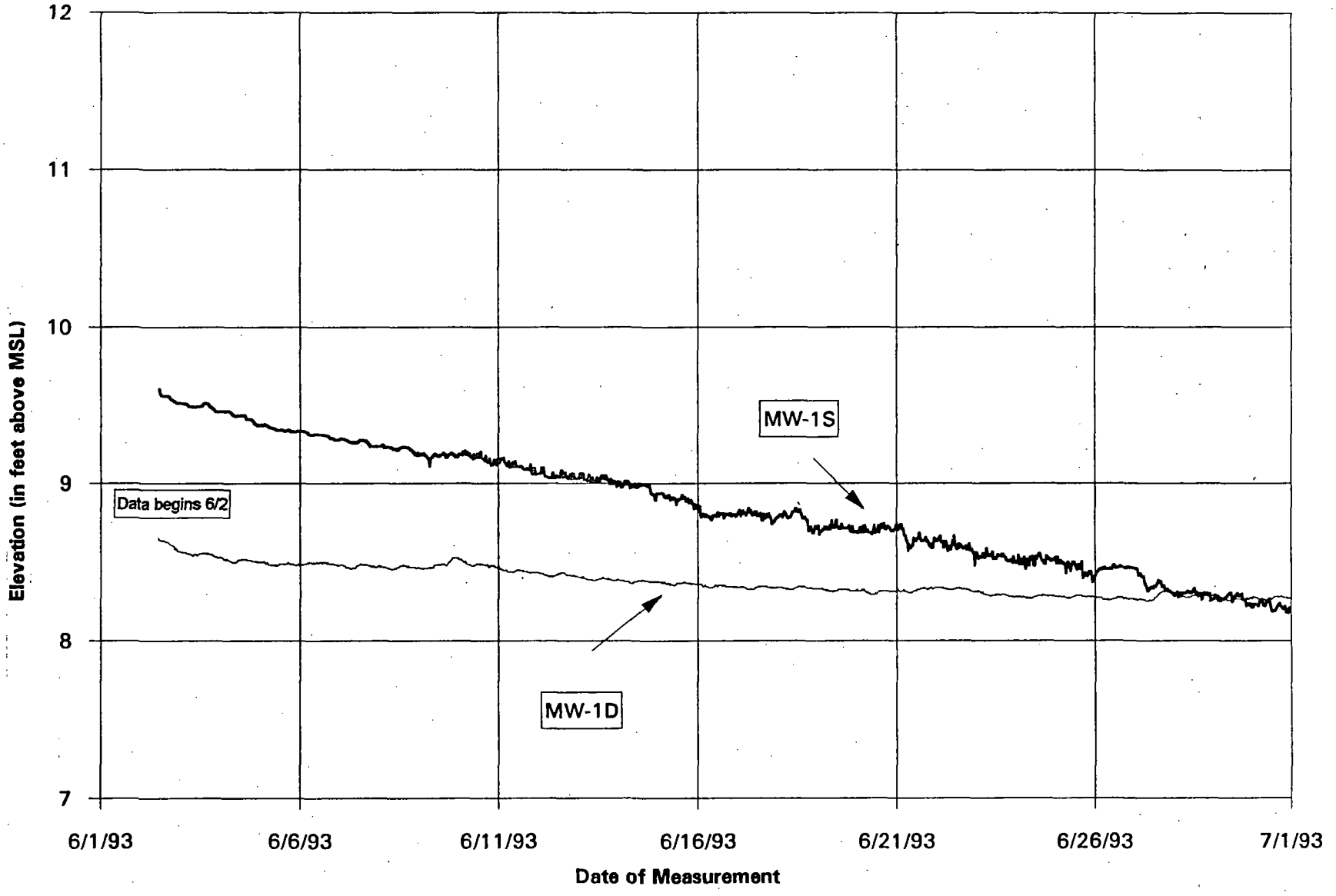

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Figure : MW-1S and MW-1D Hydrographs - July 1993

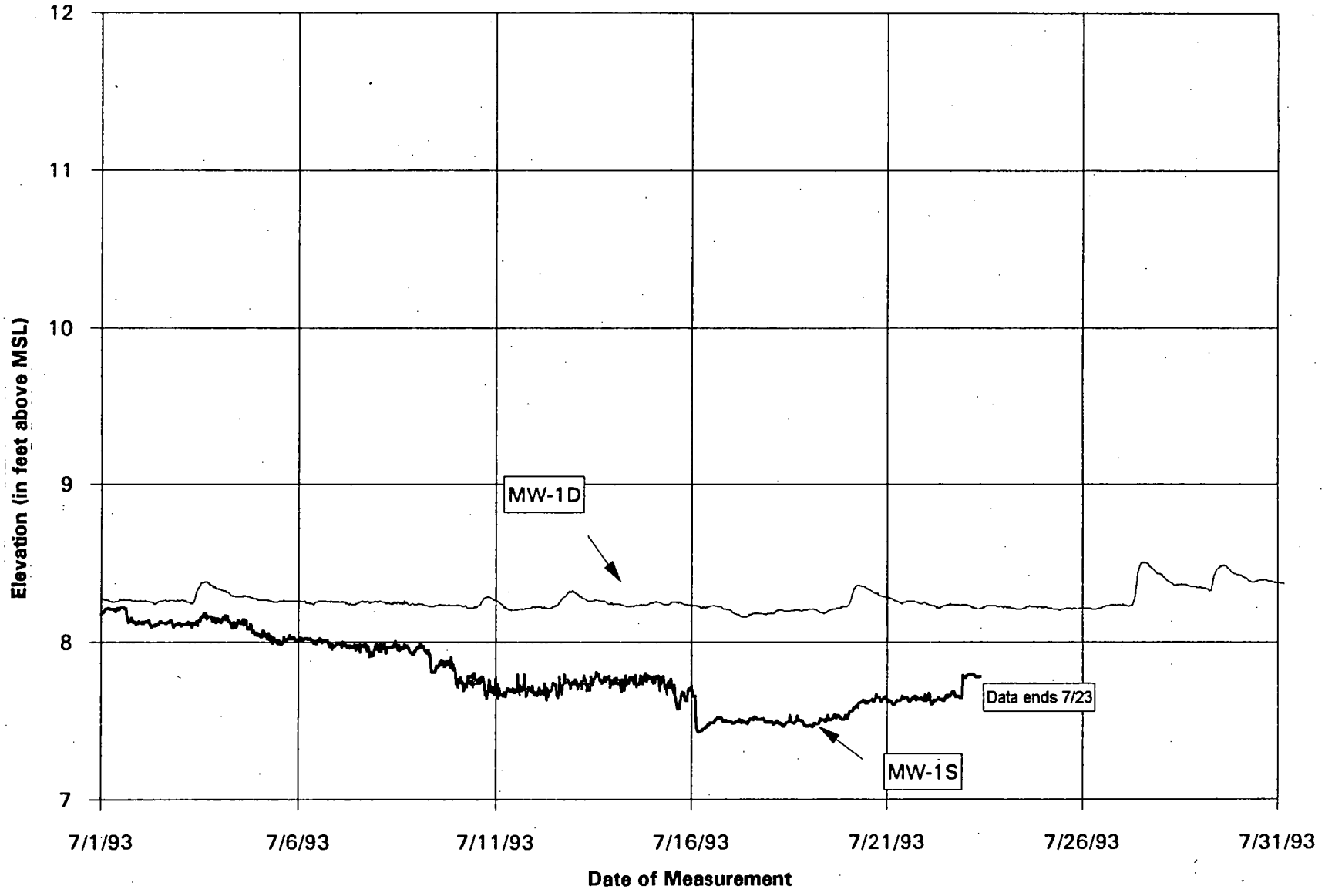

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Figure : MW-1S and MW-1D Hydrographs - December 1993

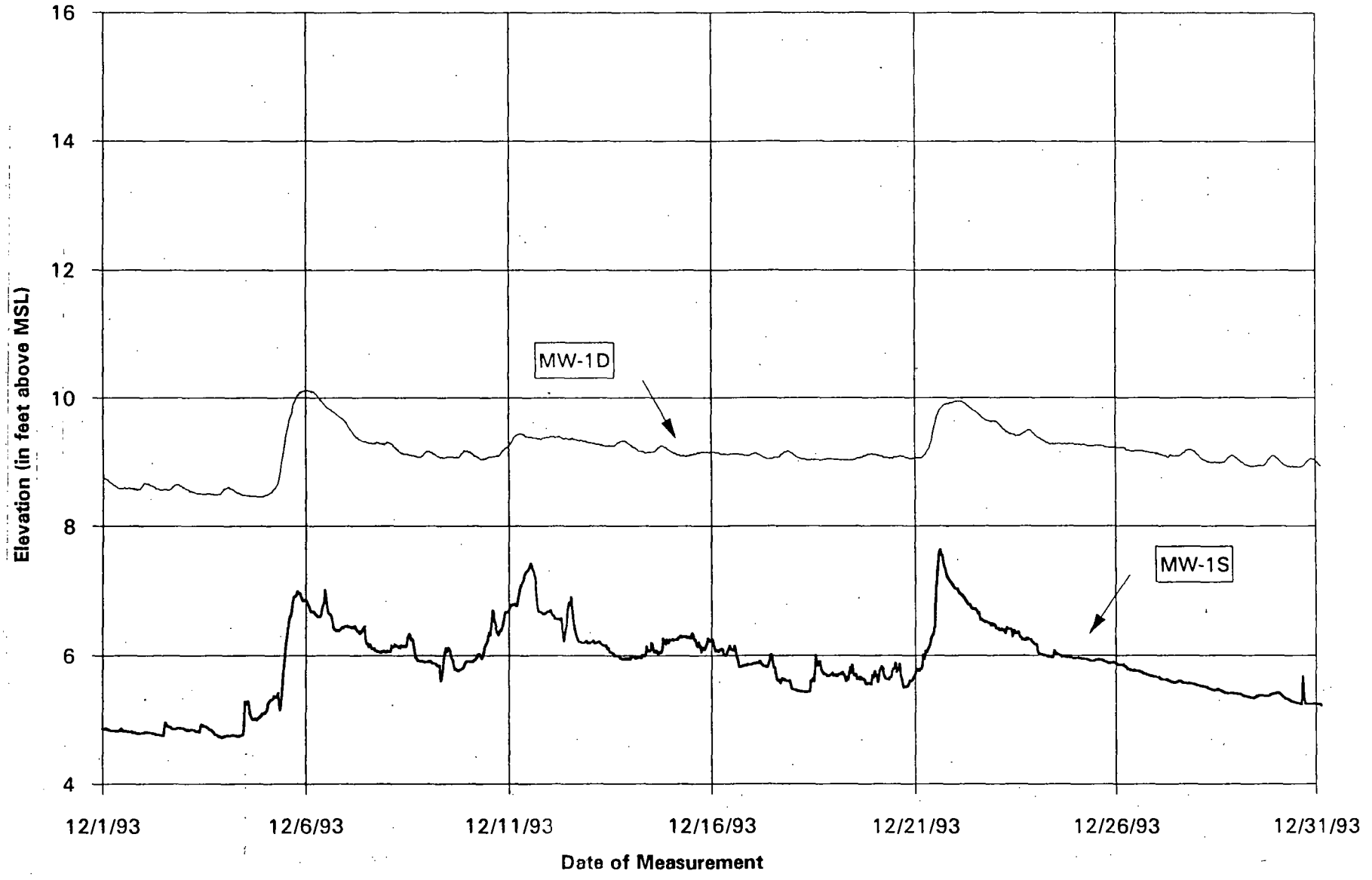

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Figure : MW-1S and MW-1D Hydrographs - January 1994

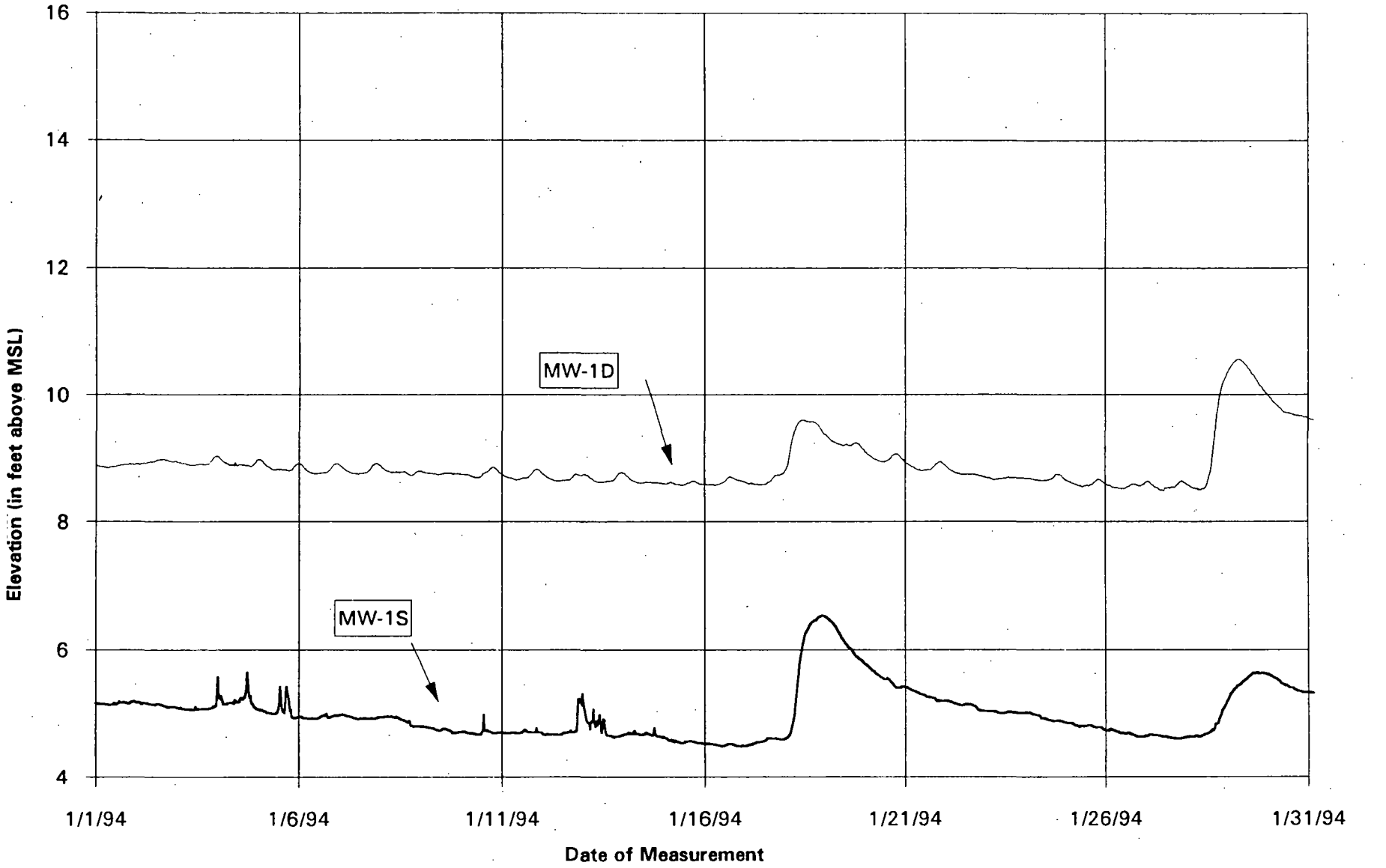

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Figure : MW-1S and MW-1D Hydrographs - February 1994

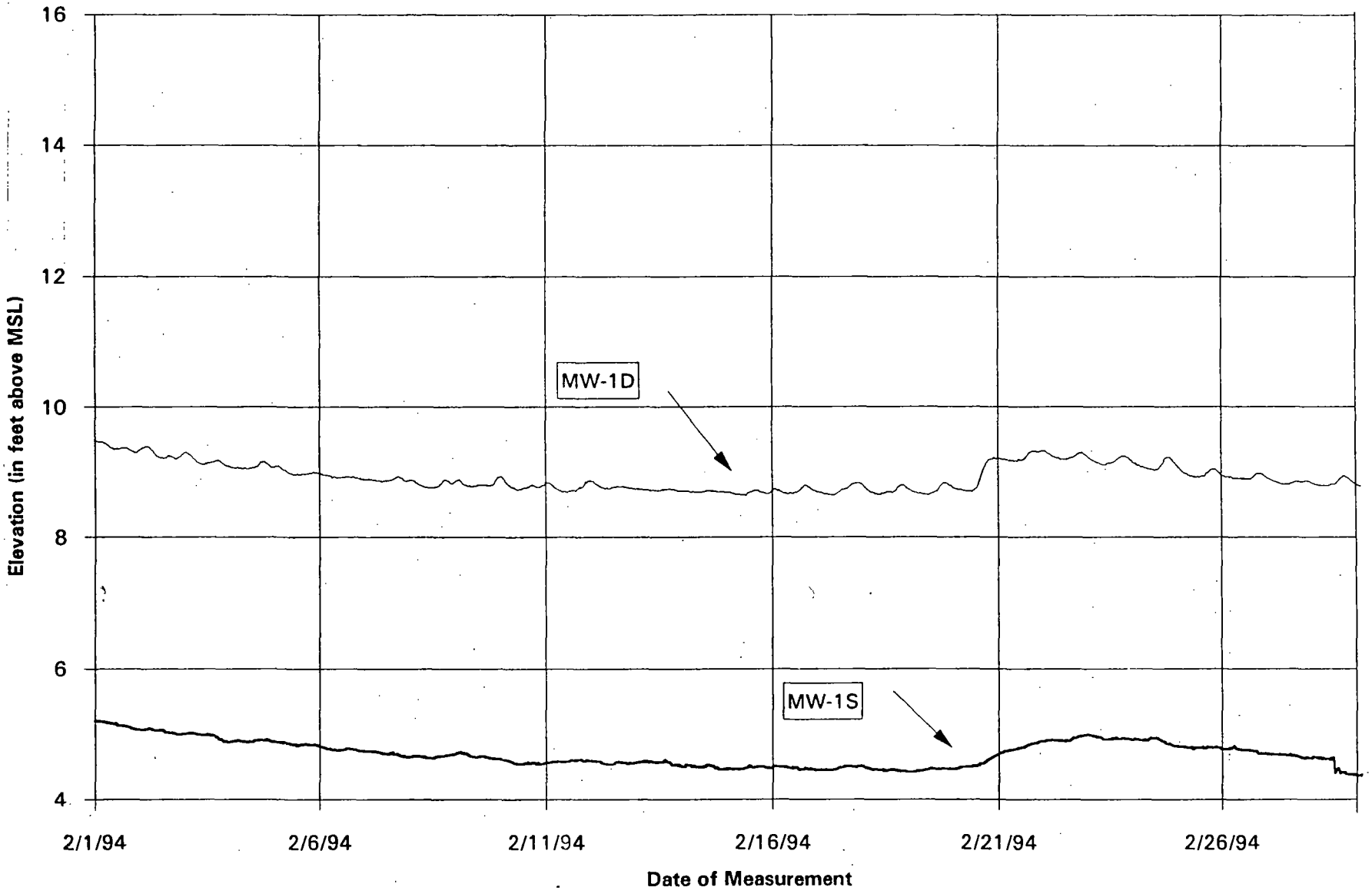

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Figure : MW-10S and MW-10D Hydrographs - February 1993

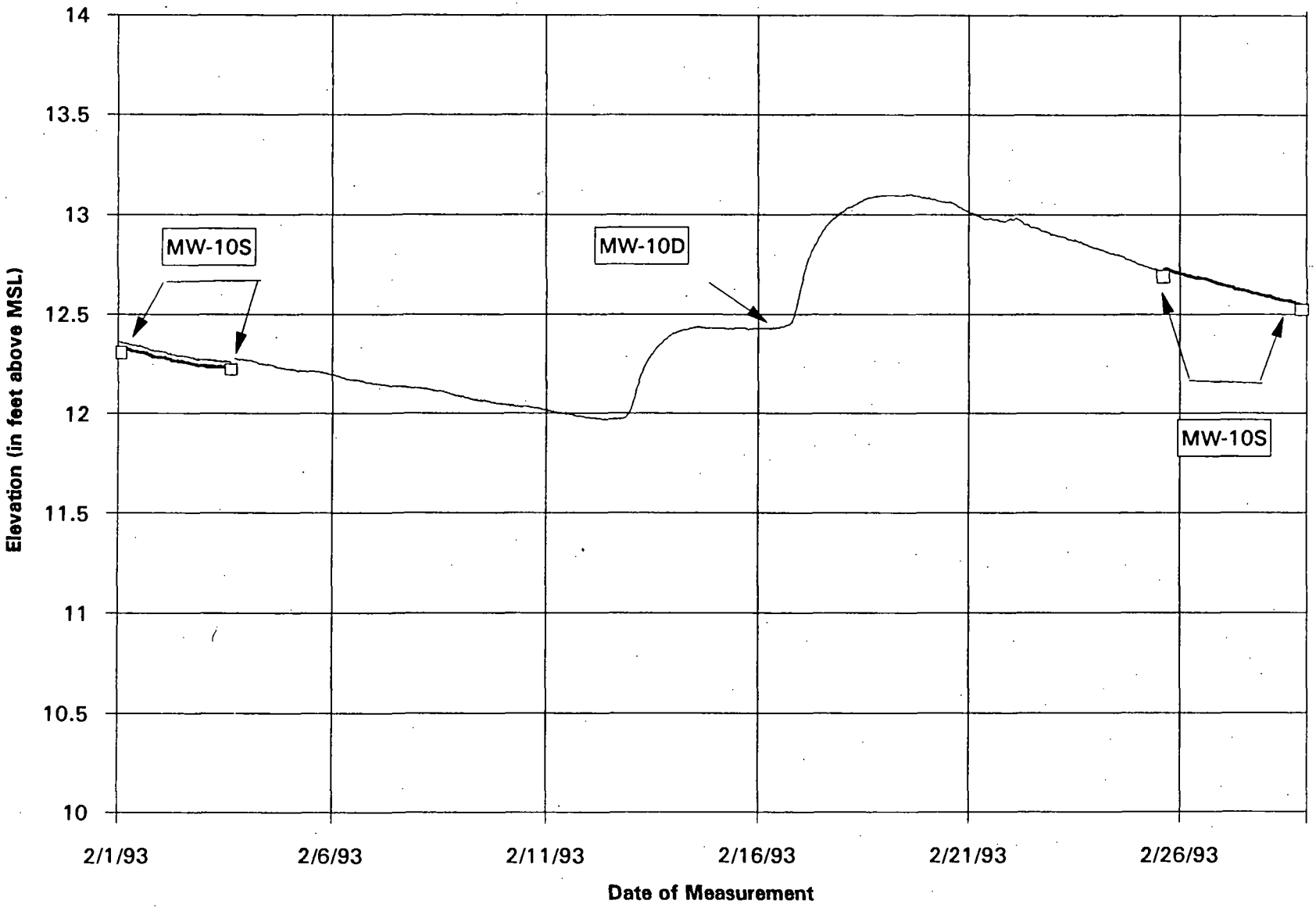

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Figure : MW-10S and MW-10D Hydrographs - March 1993

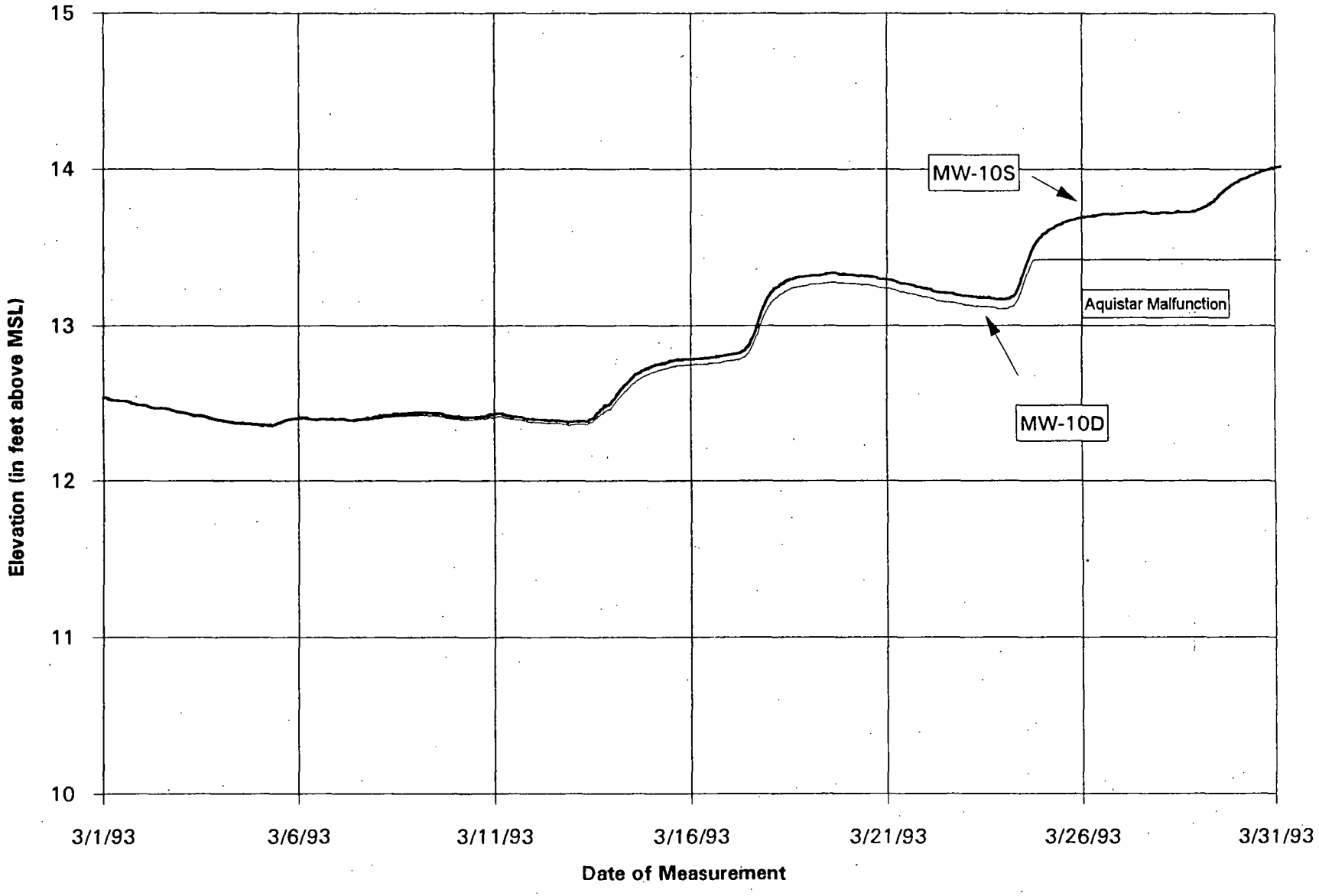

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Figure : MW-10S and MW-10D Hydrographs - April 1993

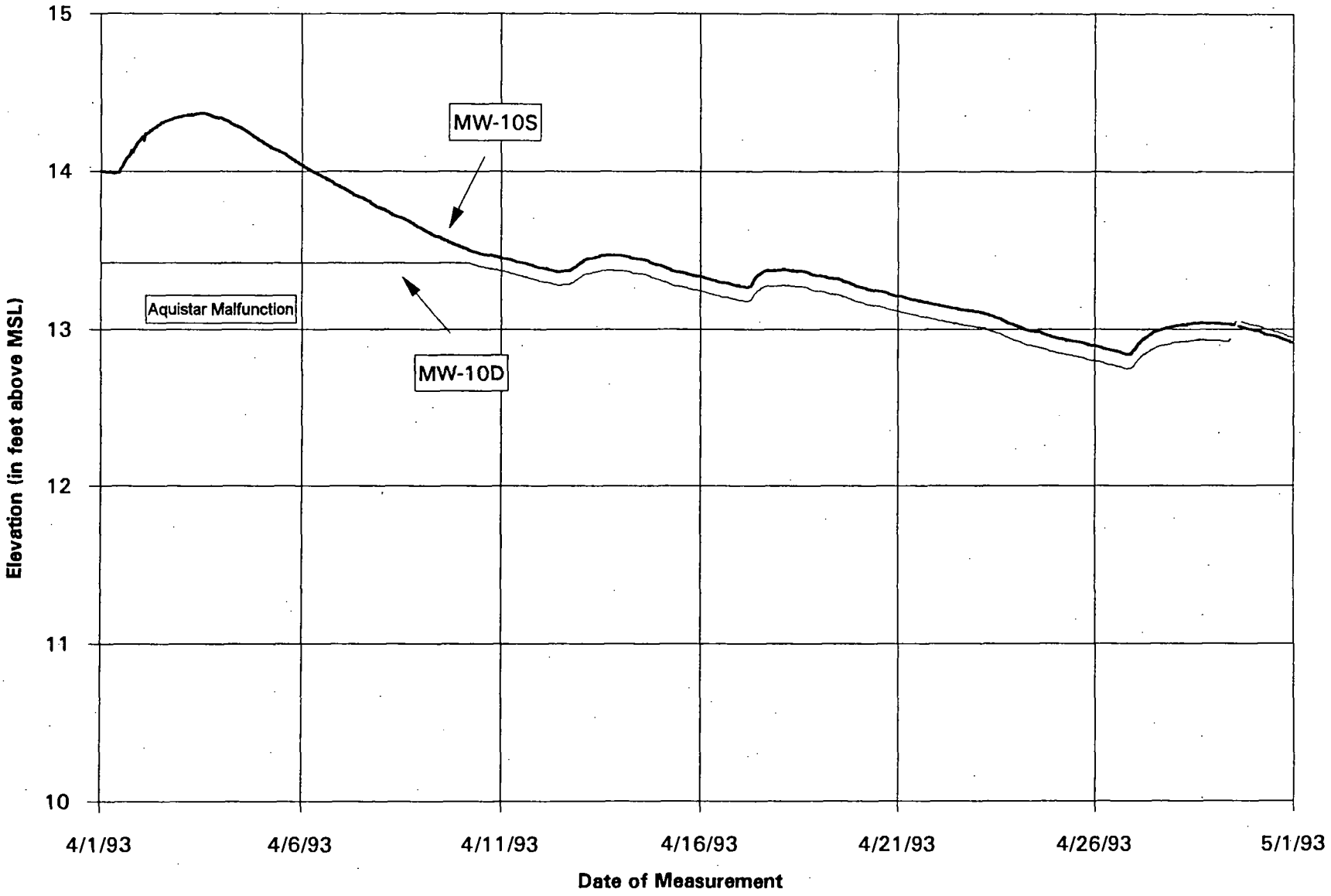

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Figure : MW-10S and MW-10D Hydrographs - May 1993

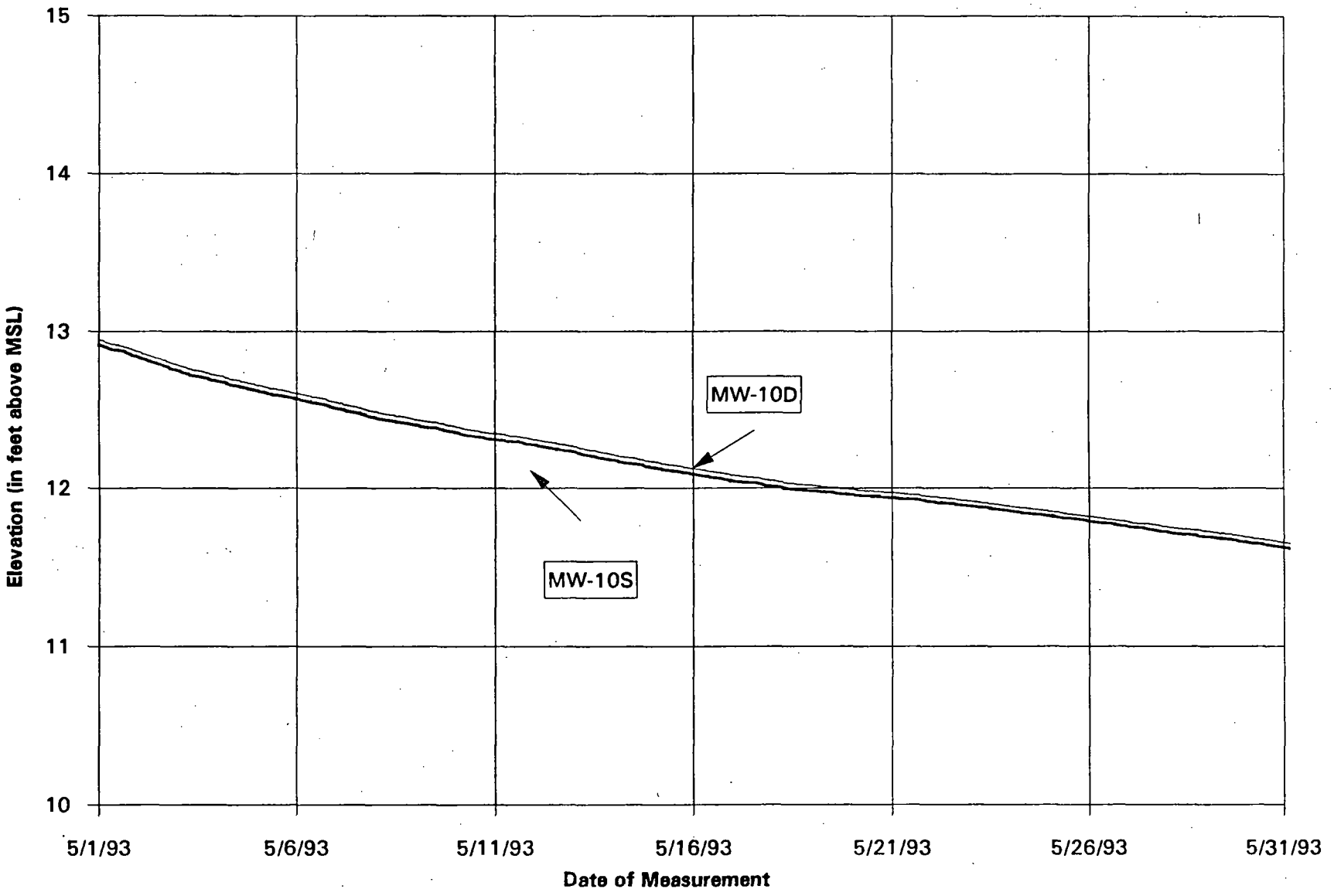

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Figure : MW-10S and MW-10D Hydrographs - June 1993

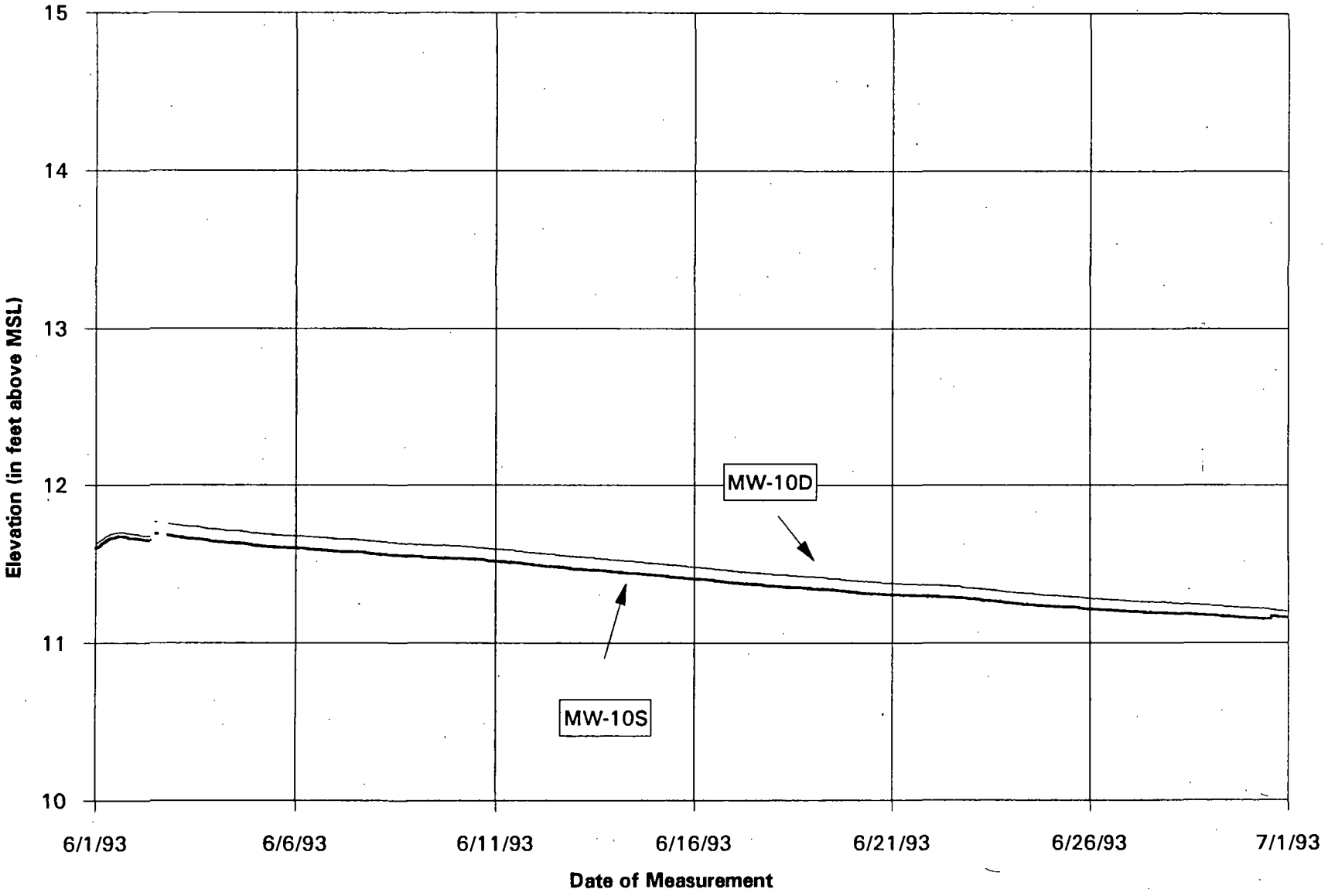

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Figure : MW-10S and MW-10D Hydrographs - July 1993

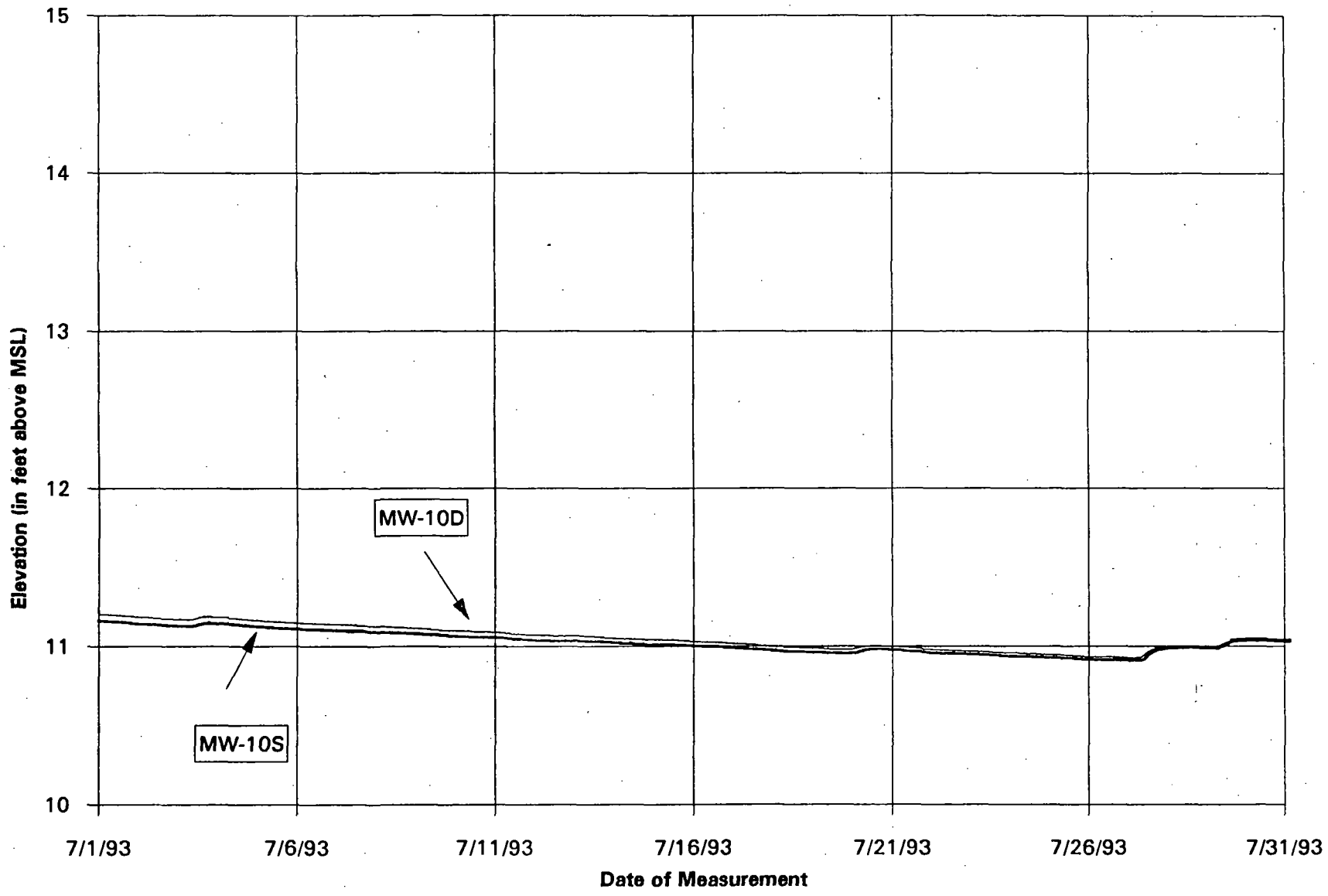

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Figure : Precipitation Data - January 1993

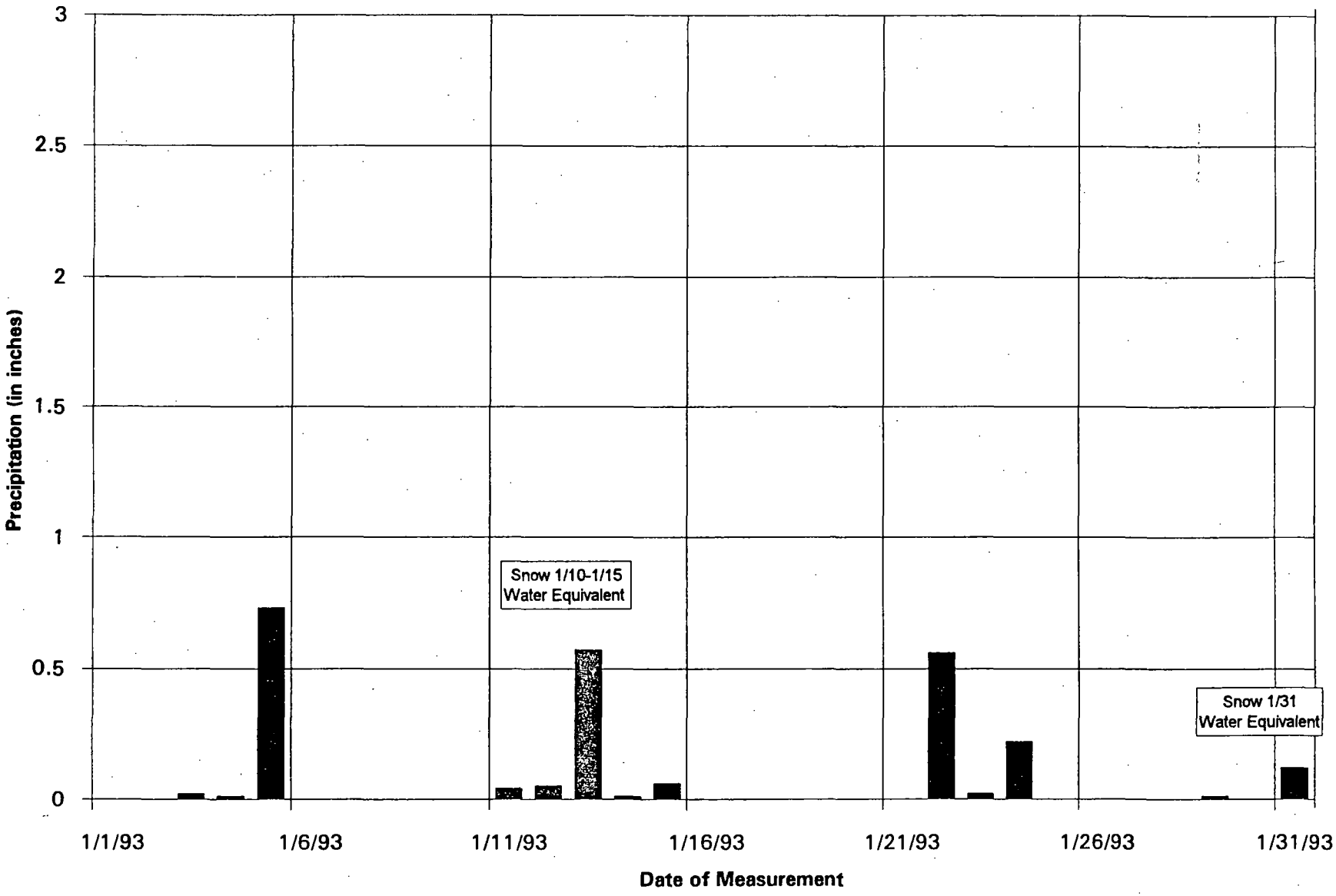

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Figure : Precipitation Data - February 1993

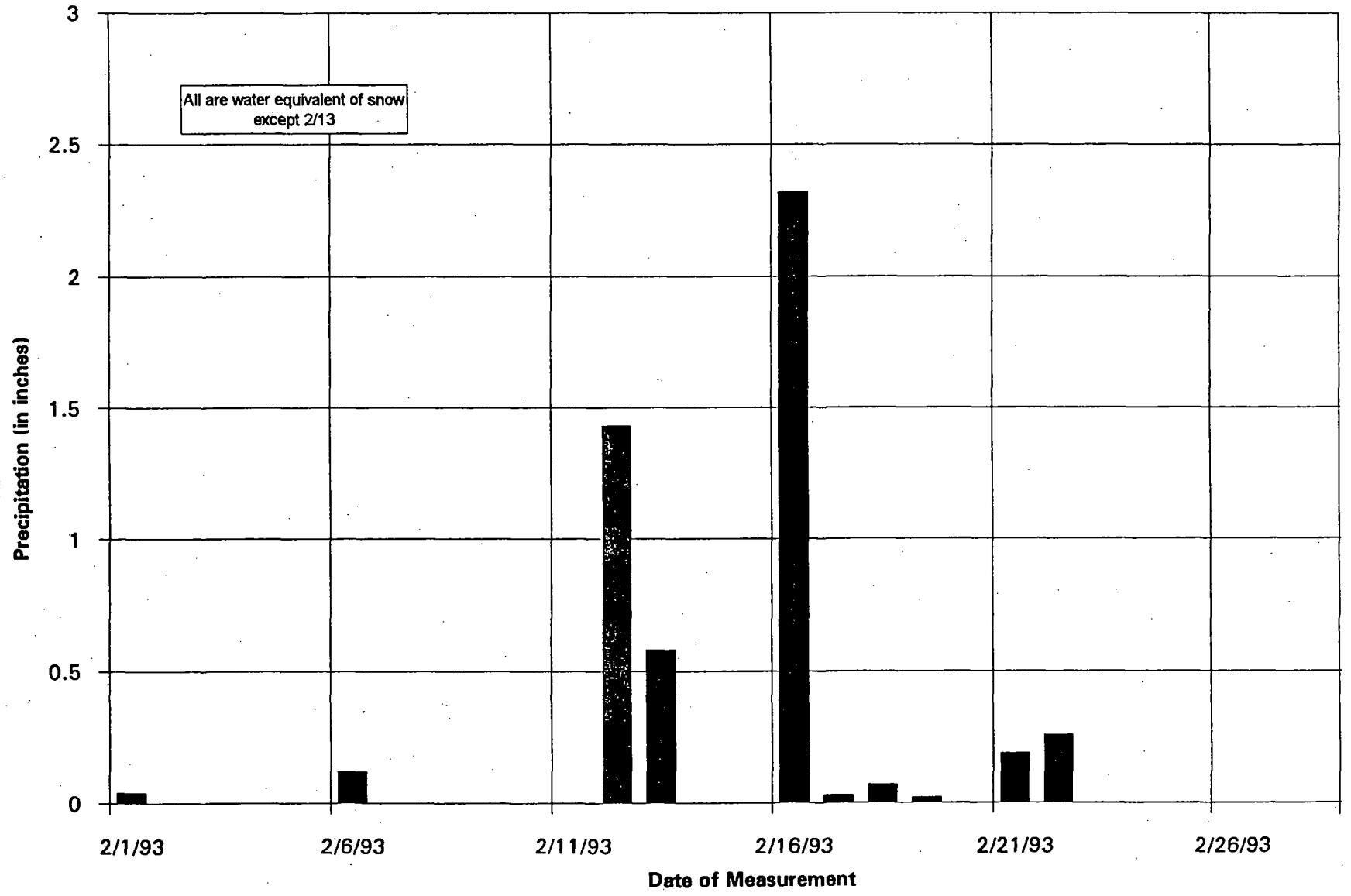

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Figure : Precipitation Data - March 1993

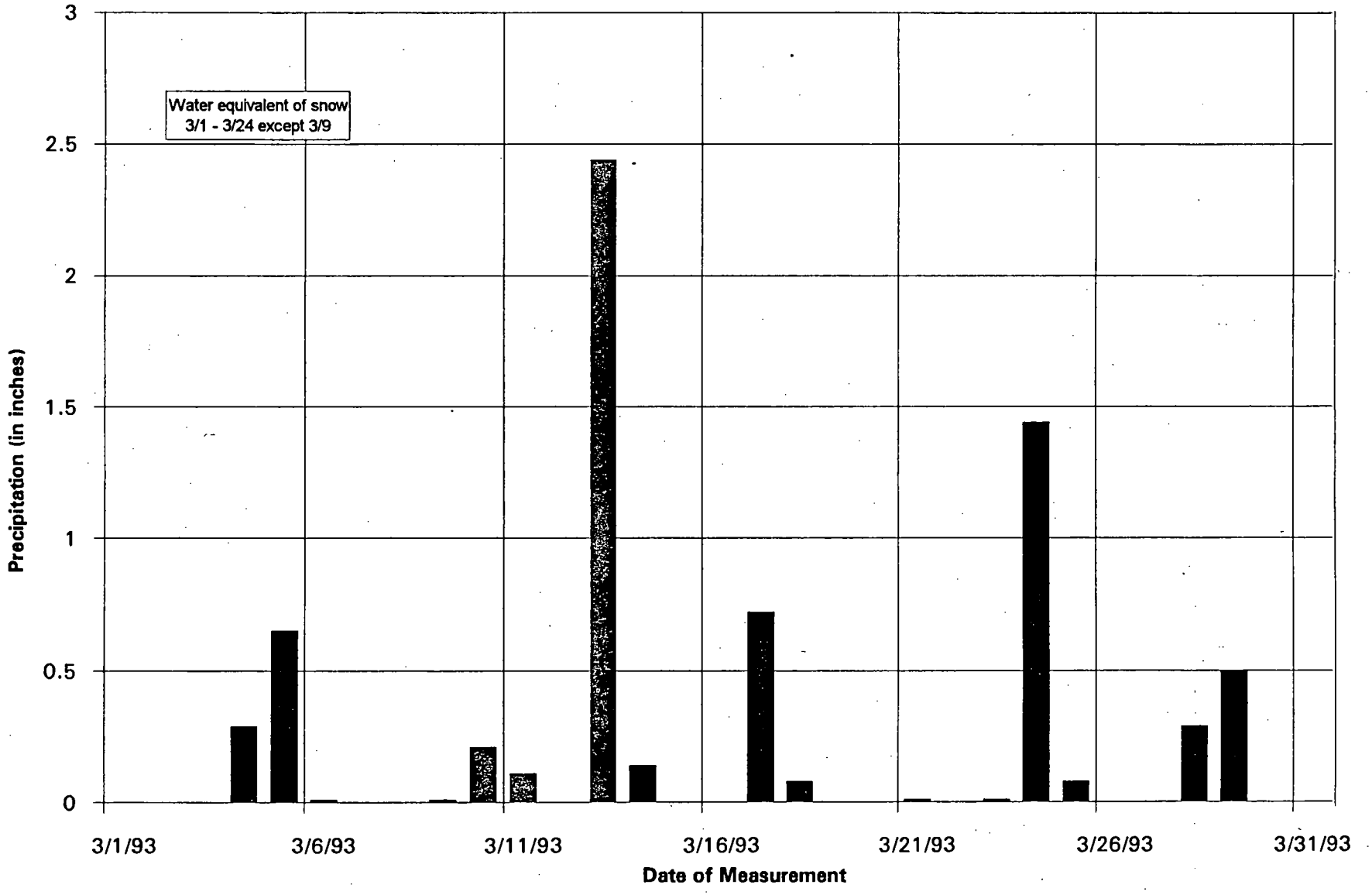

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Figure : Precipitation Data - April 1993

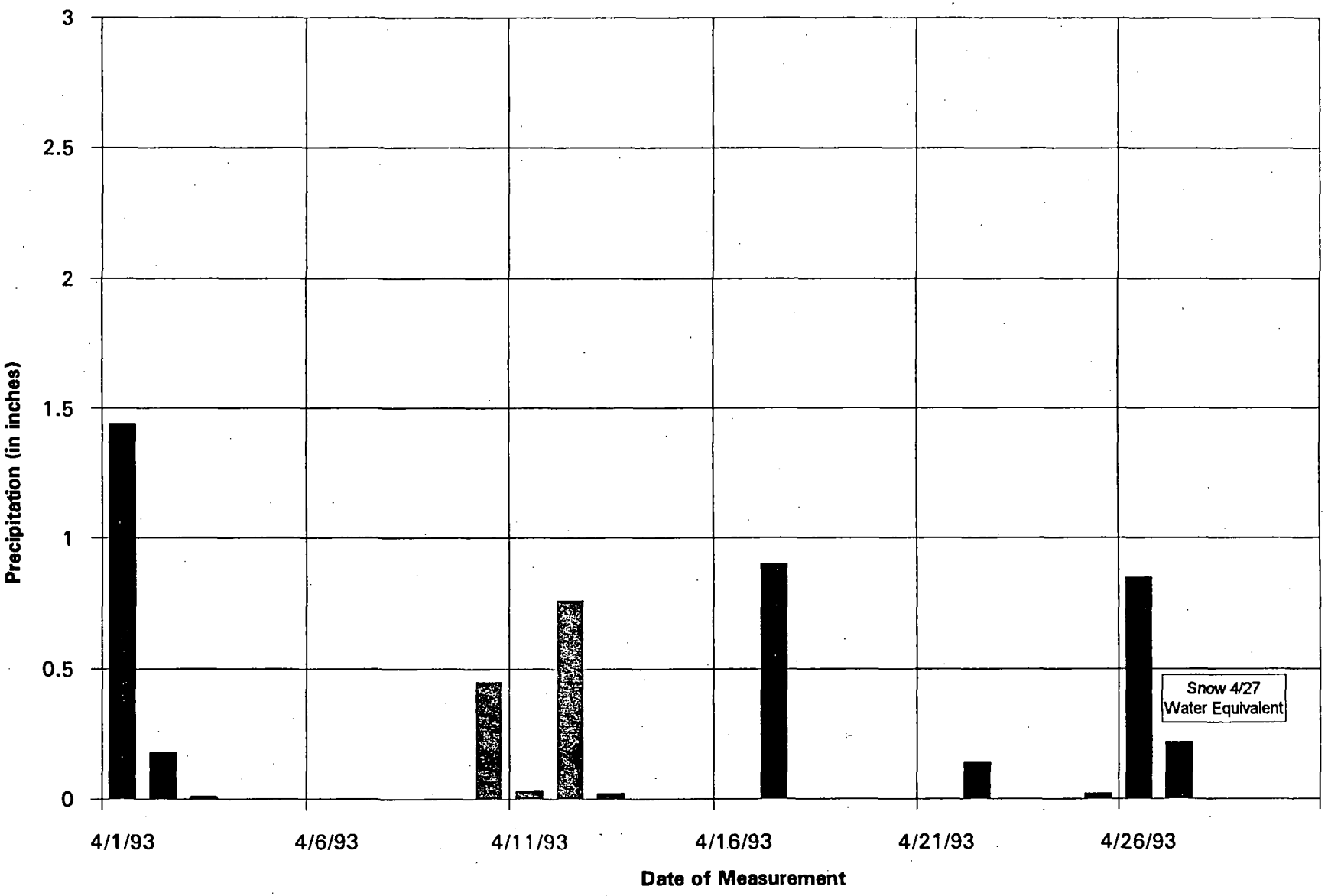

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Figure : Precipitation Data - May 1993

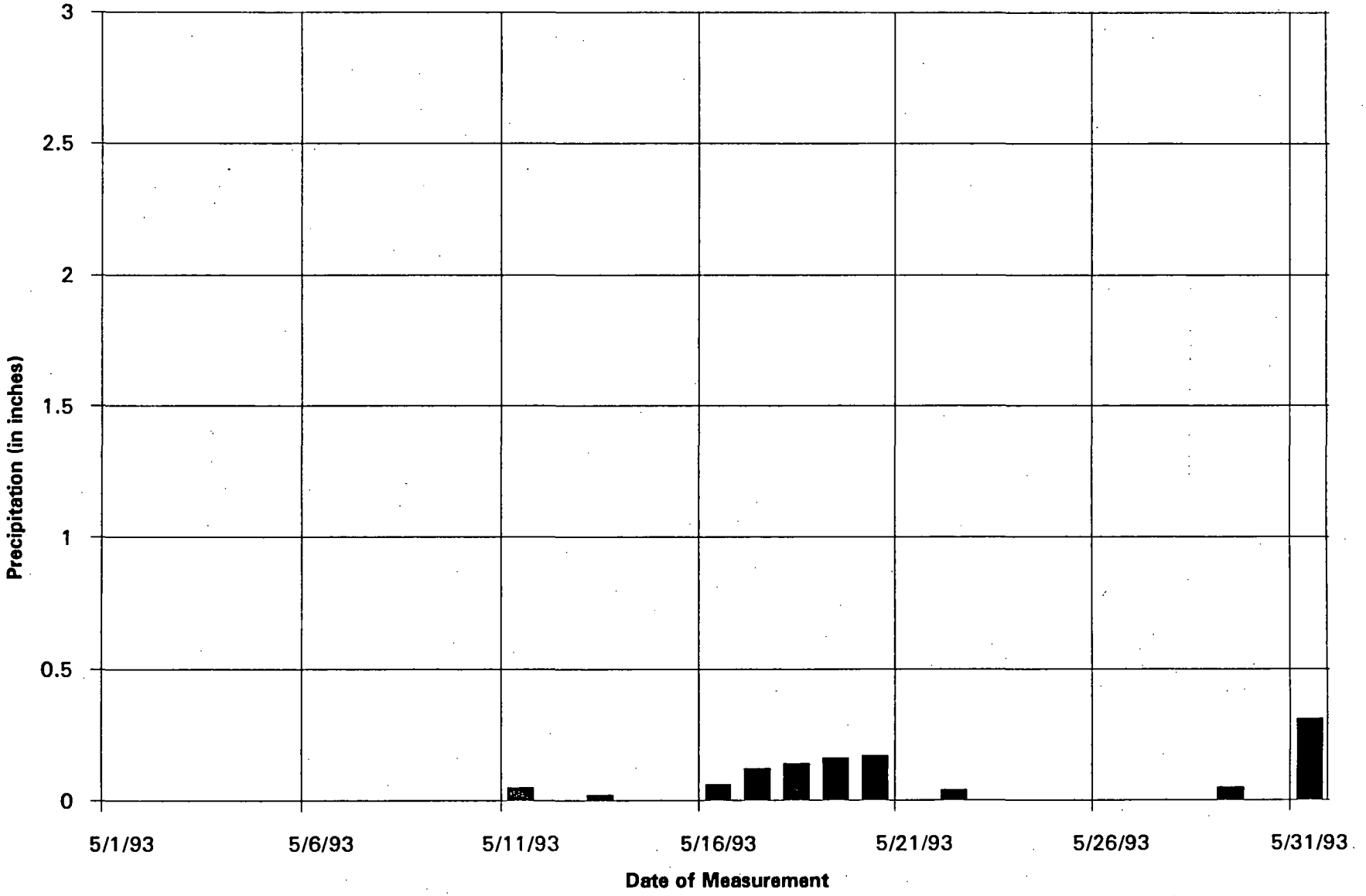

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Figure : Precipitation Data - June 1993

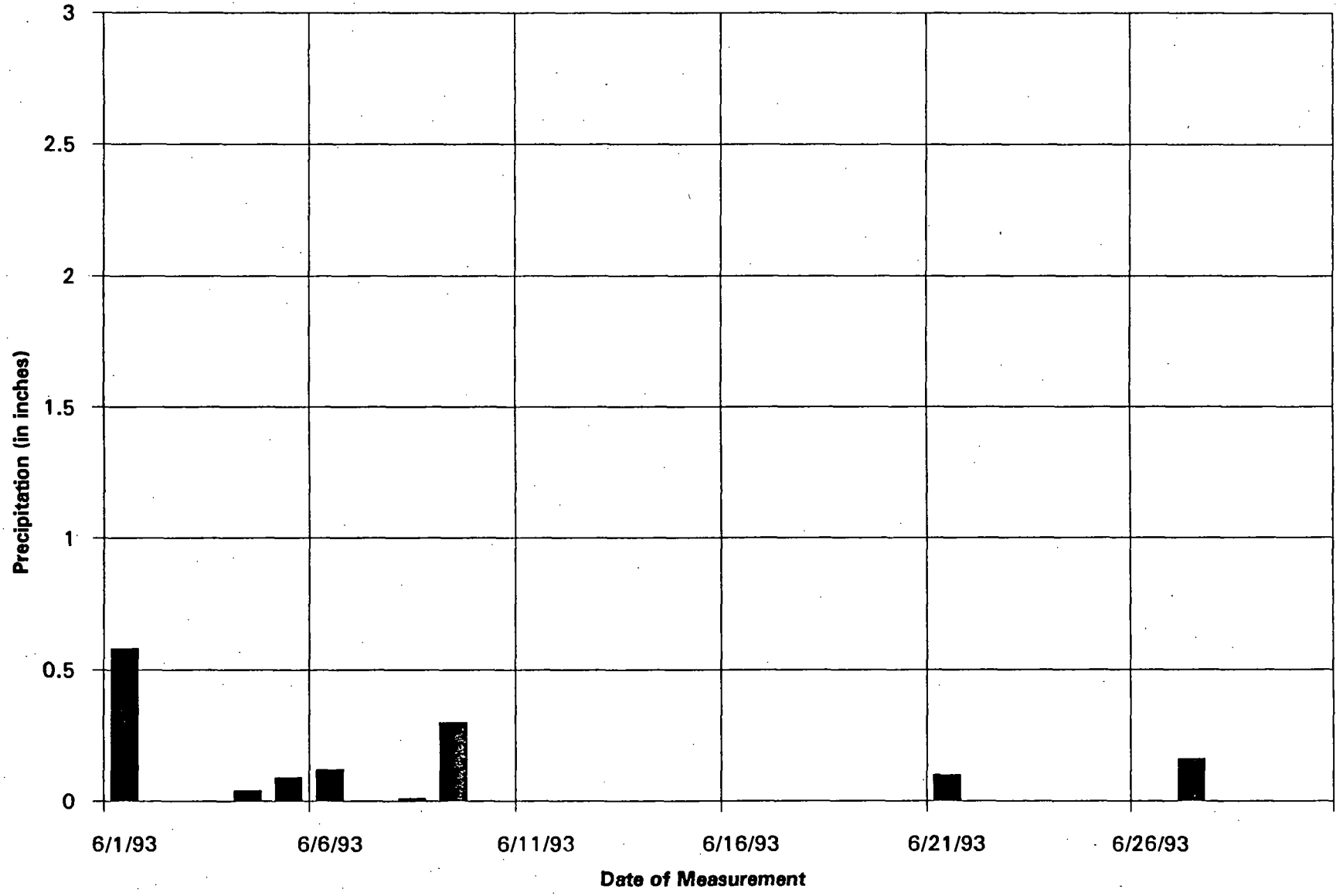

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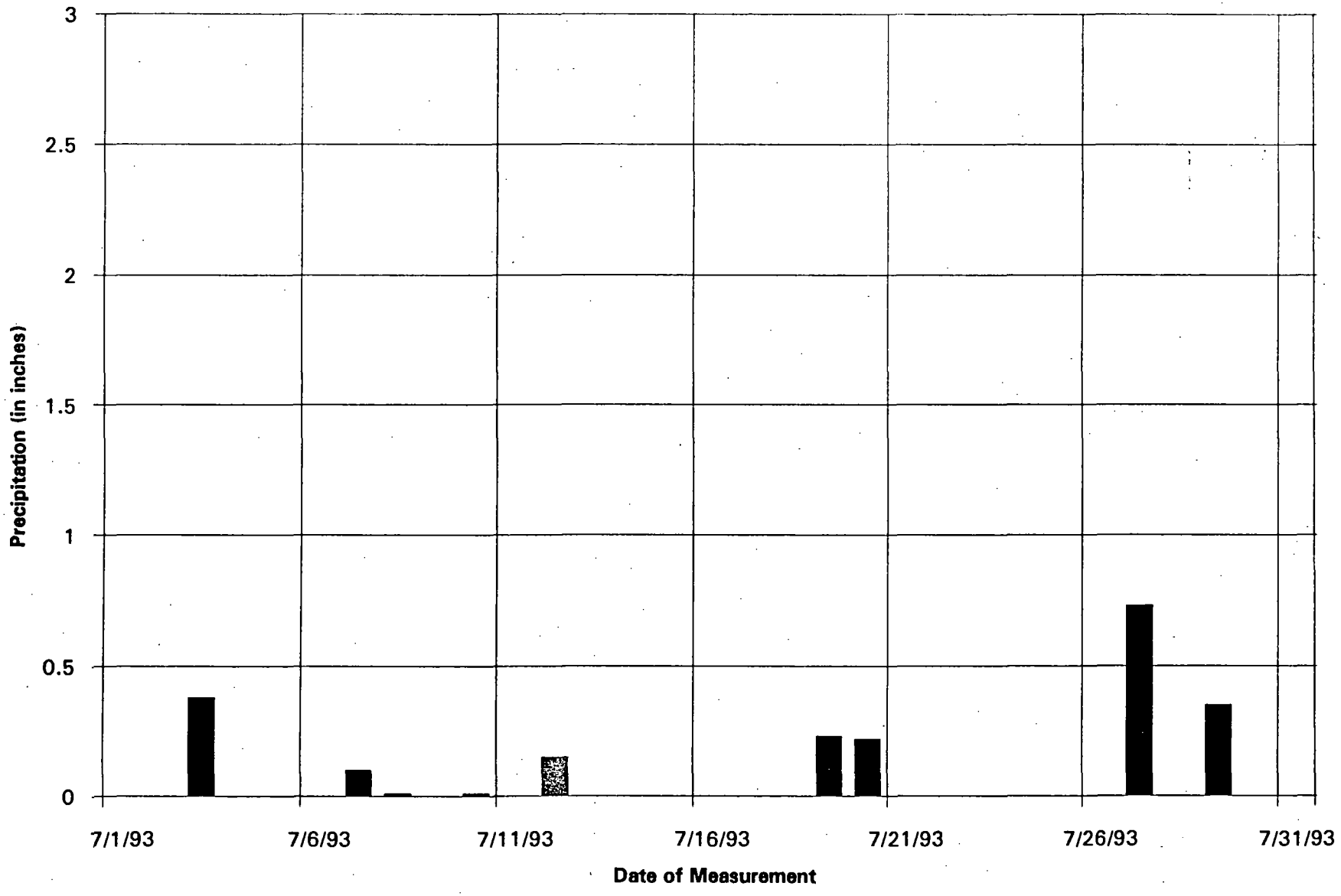
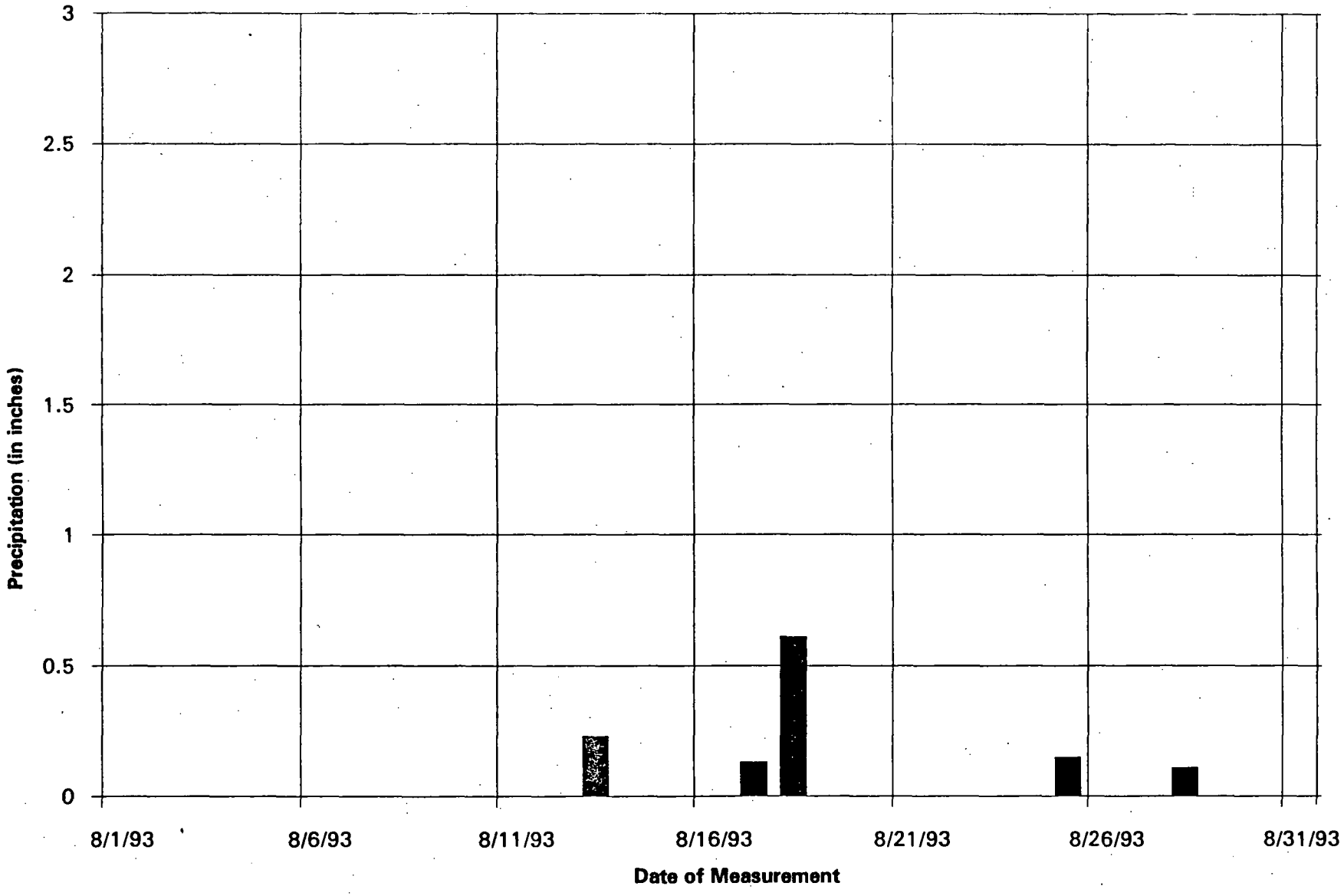
Figure : Precipitation Data - July 1993



CLH: b:\JUL93.XLS Chart 1

Figure : Precipitation Data - August 1993



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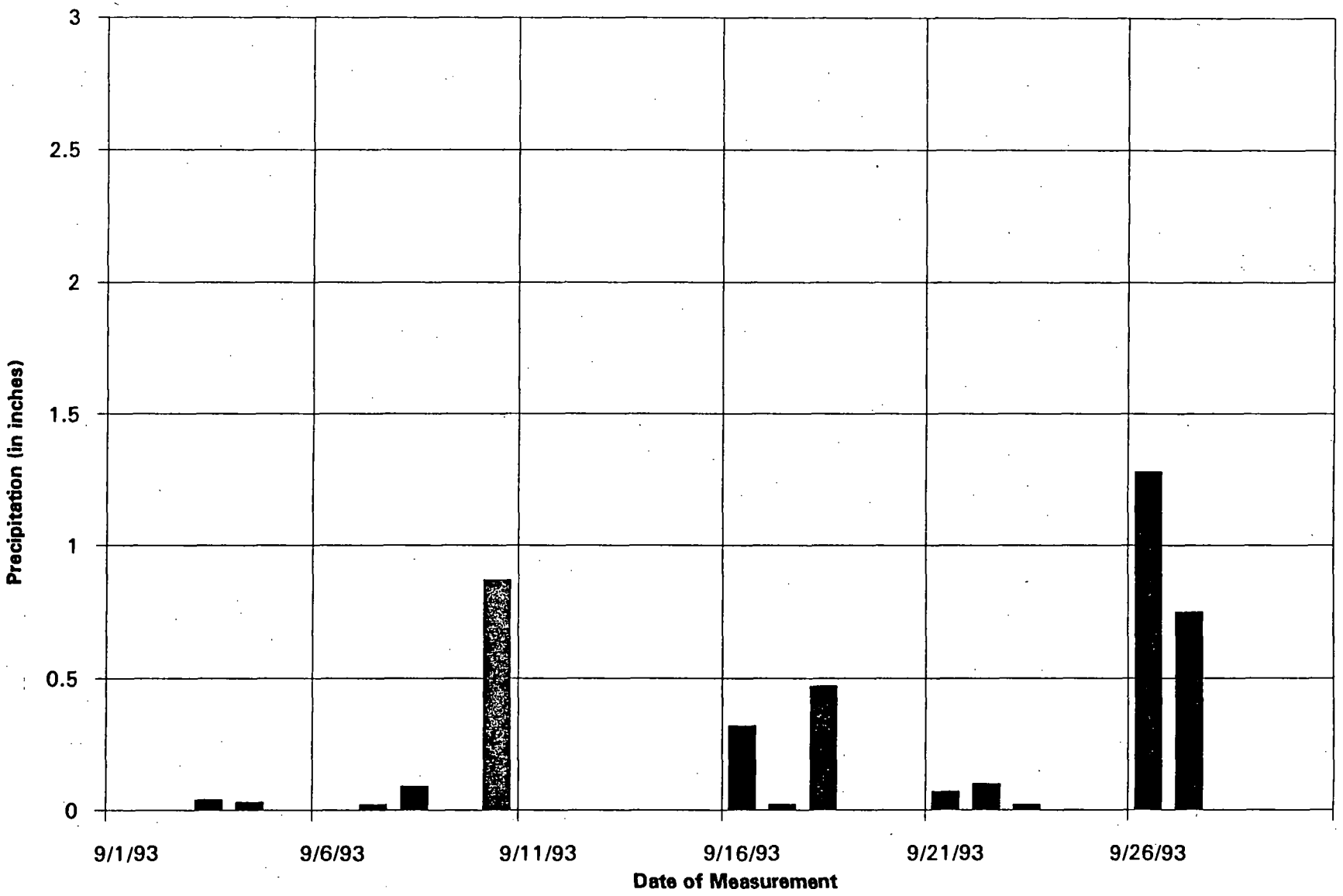

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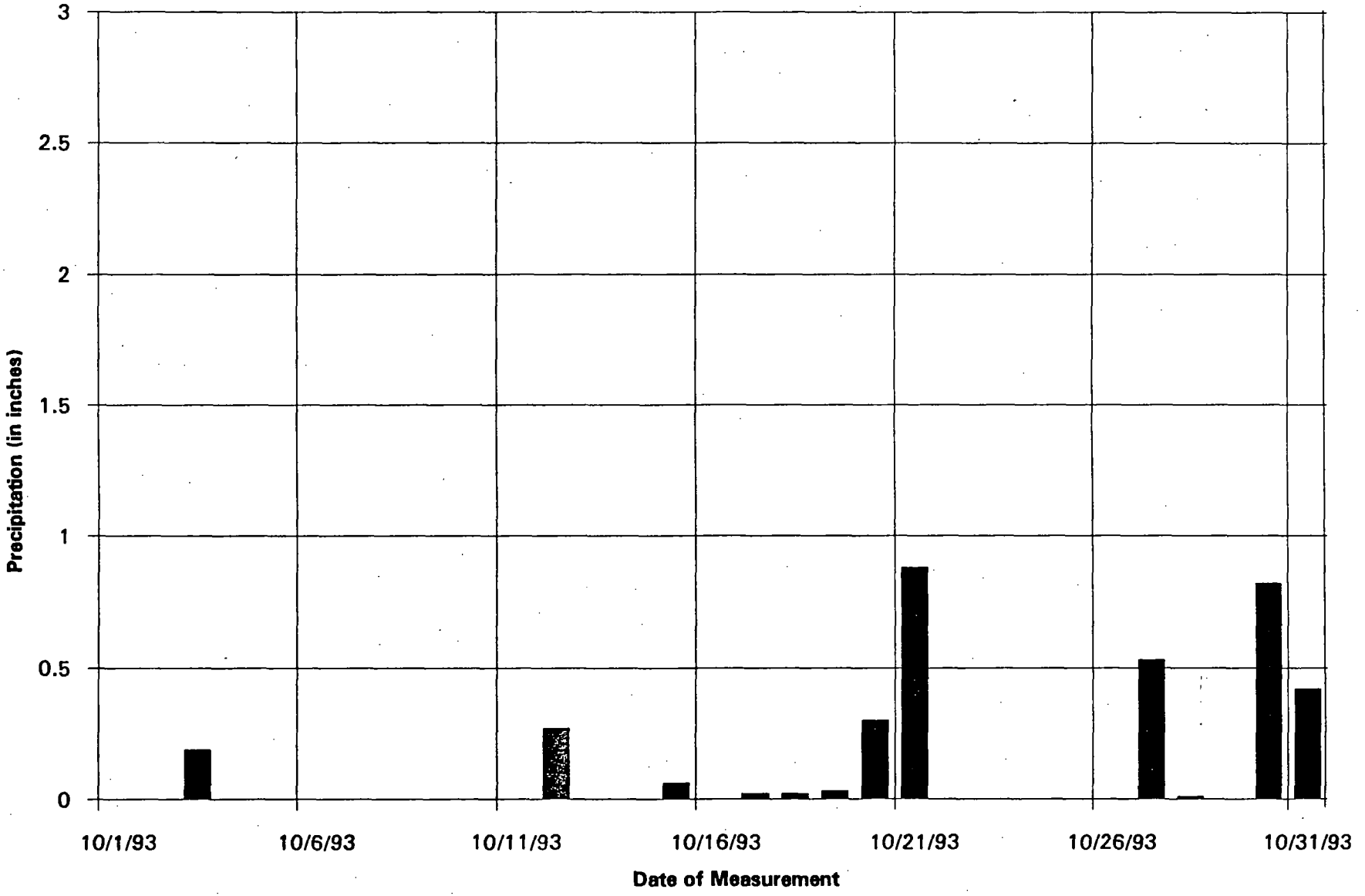

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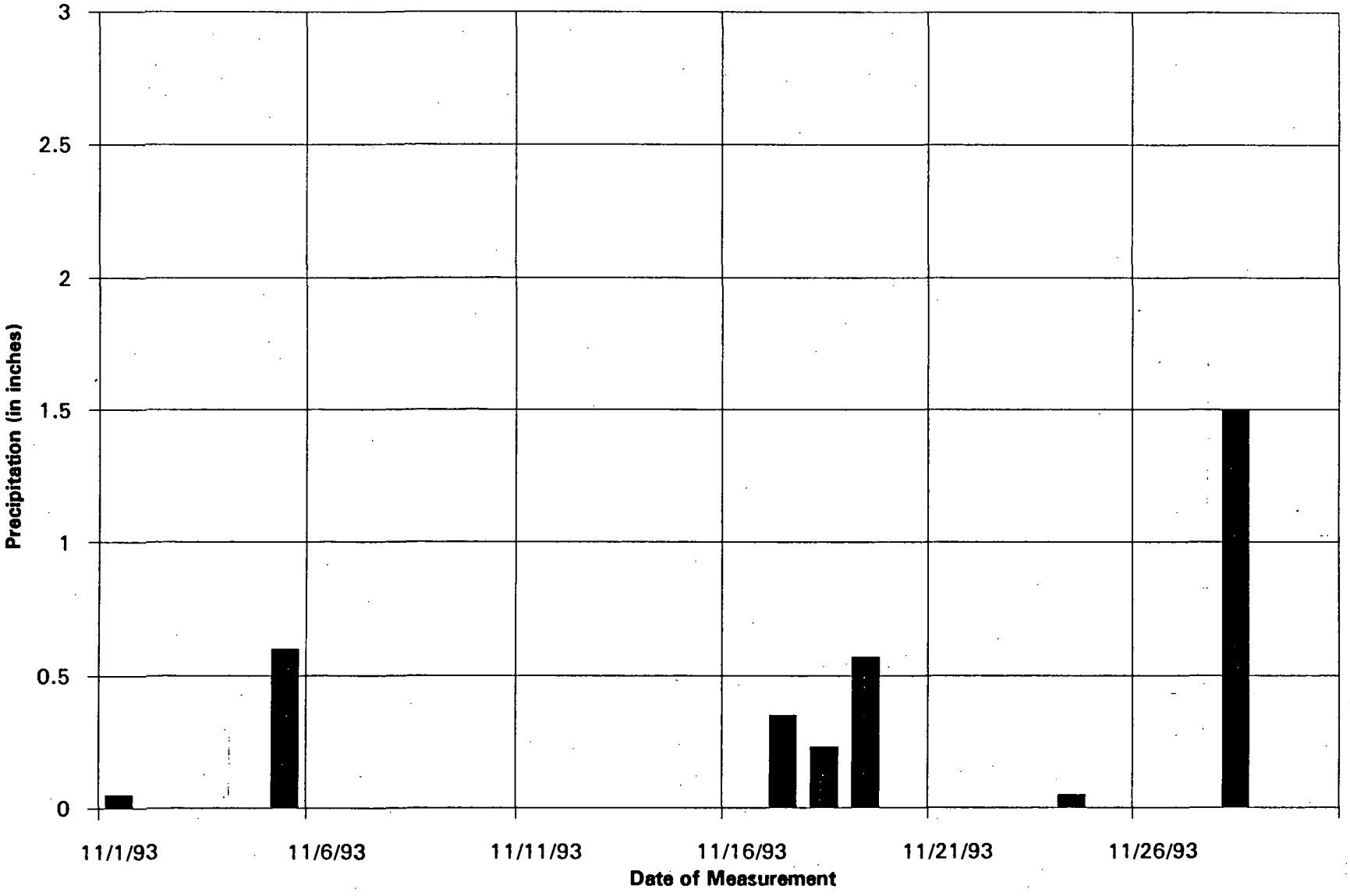
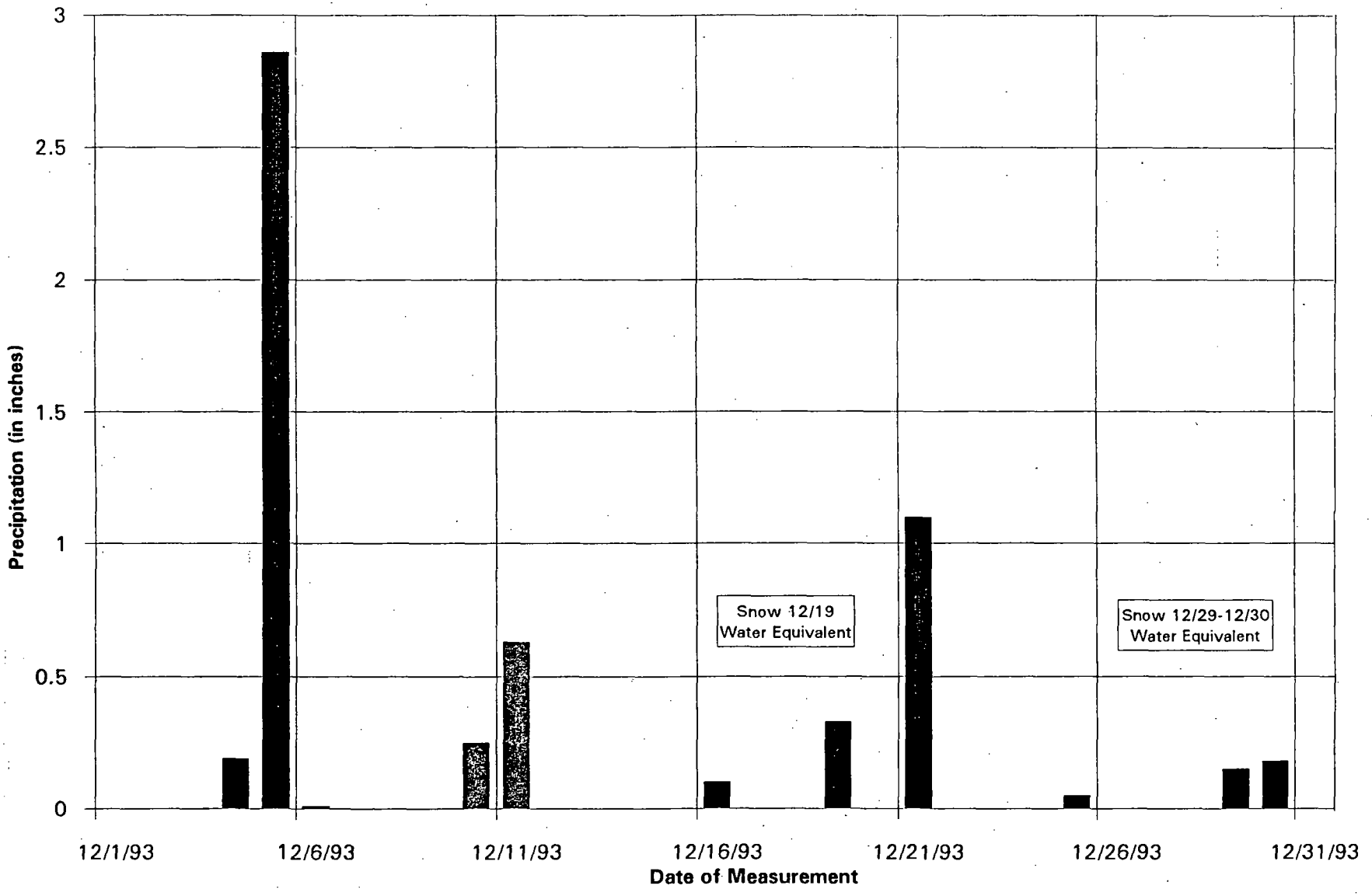
Figure : Precipitation Data - November 1993



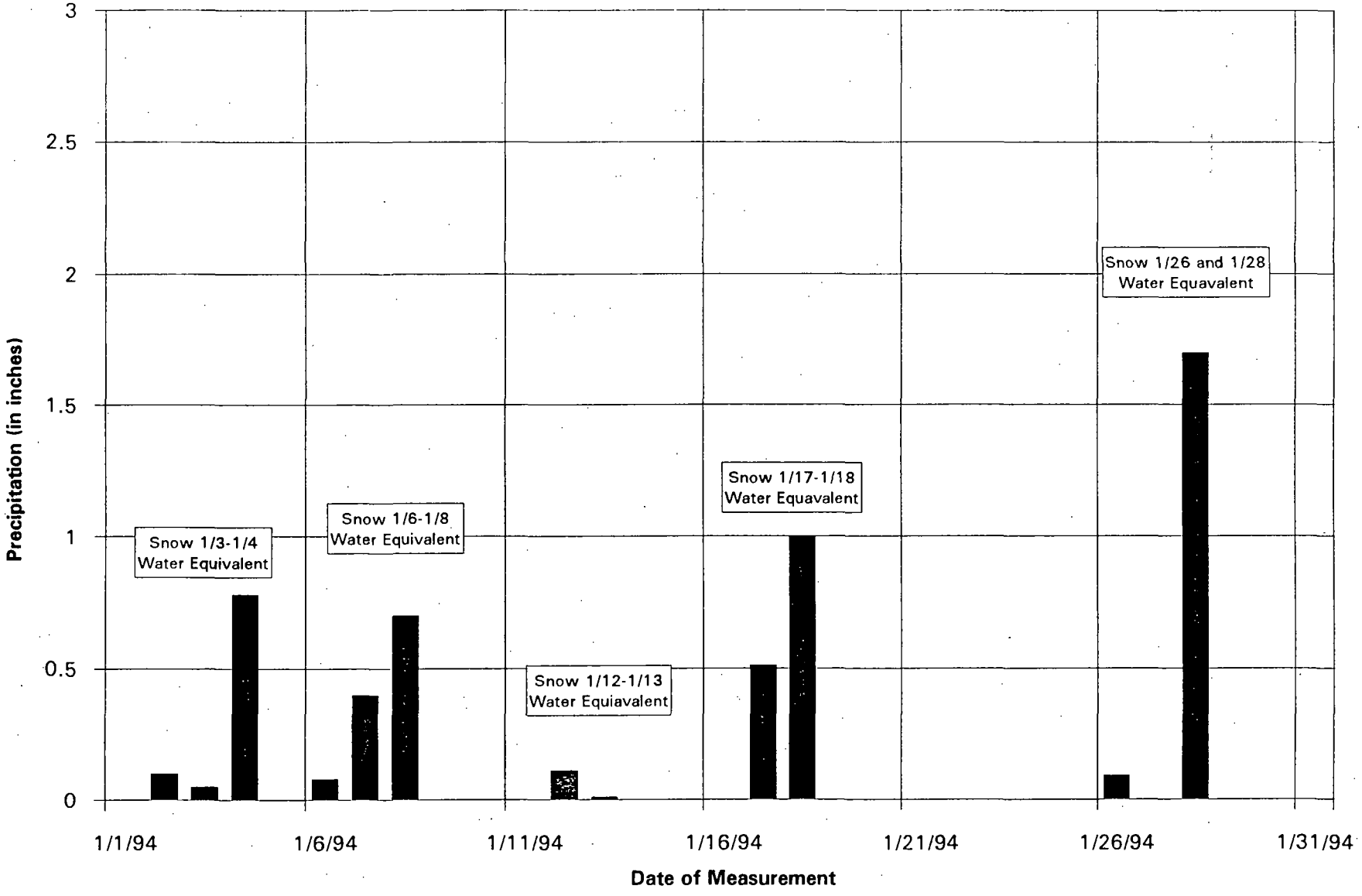
CLH b: \ NOV93.XLS Chart 1

Figure : Precipitation Data - December 1993



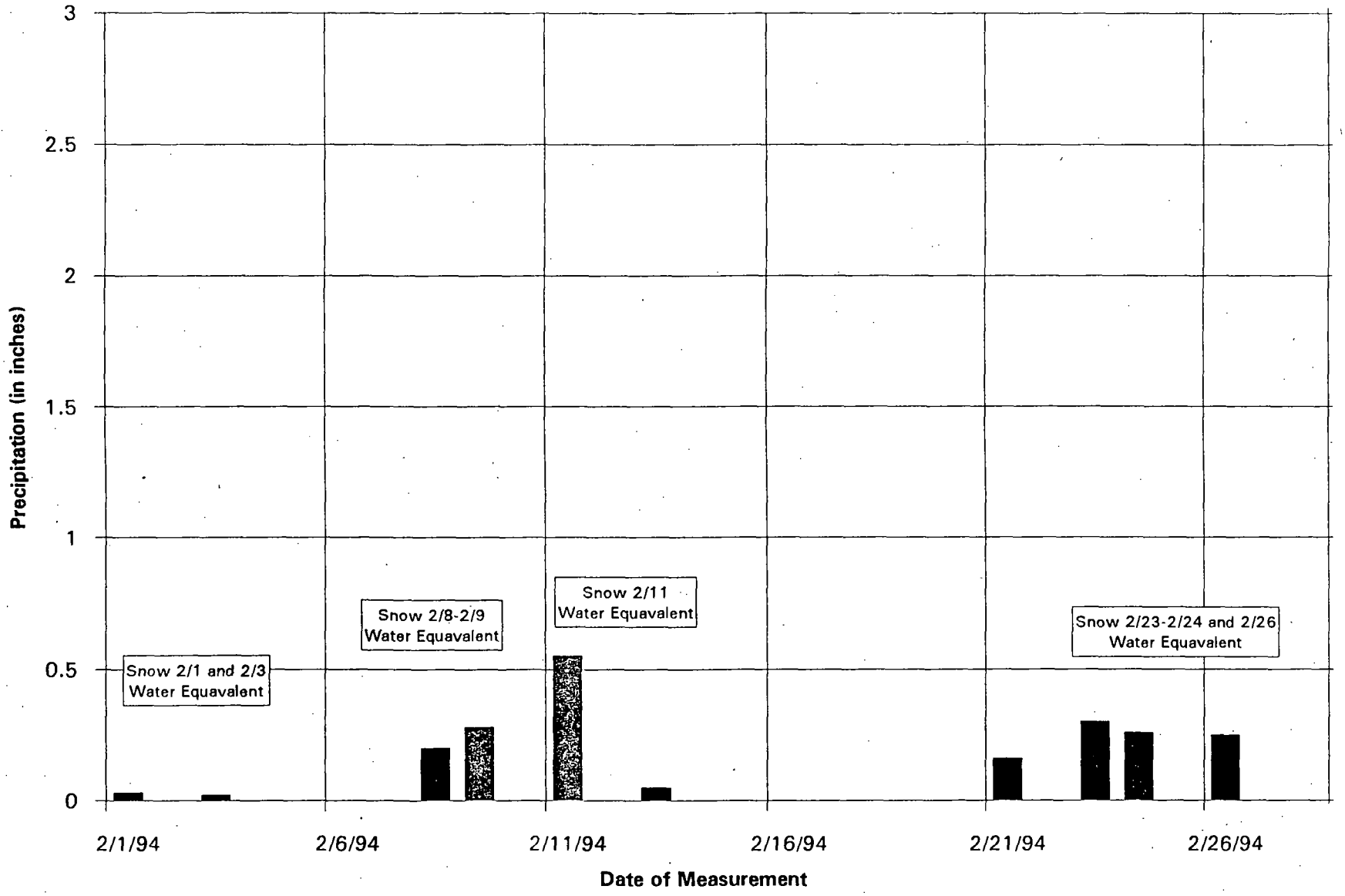
CLH b: \ DEC93.XLS Chart 1

Figure : Precipitation Data - January 1994



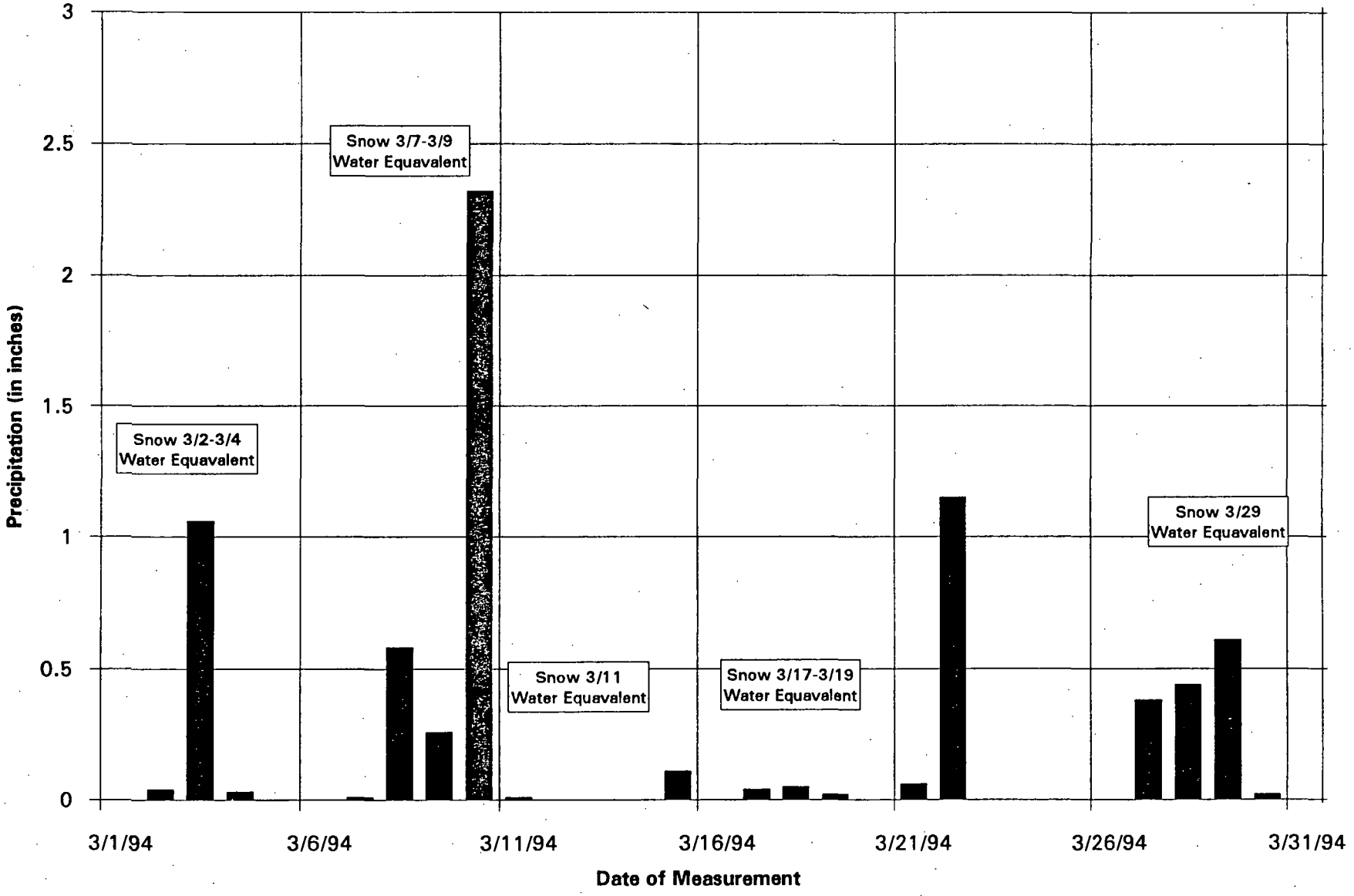
clh b:JAN94.XLS Chart 1

Figure : Precipitation Data - February 1994



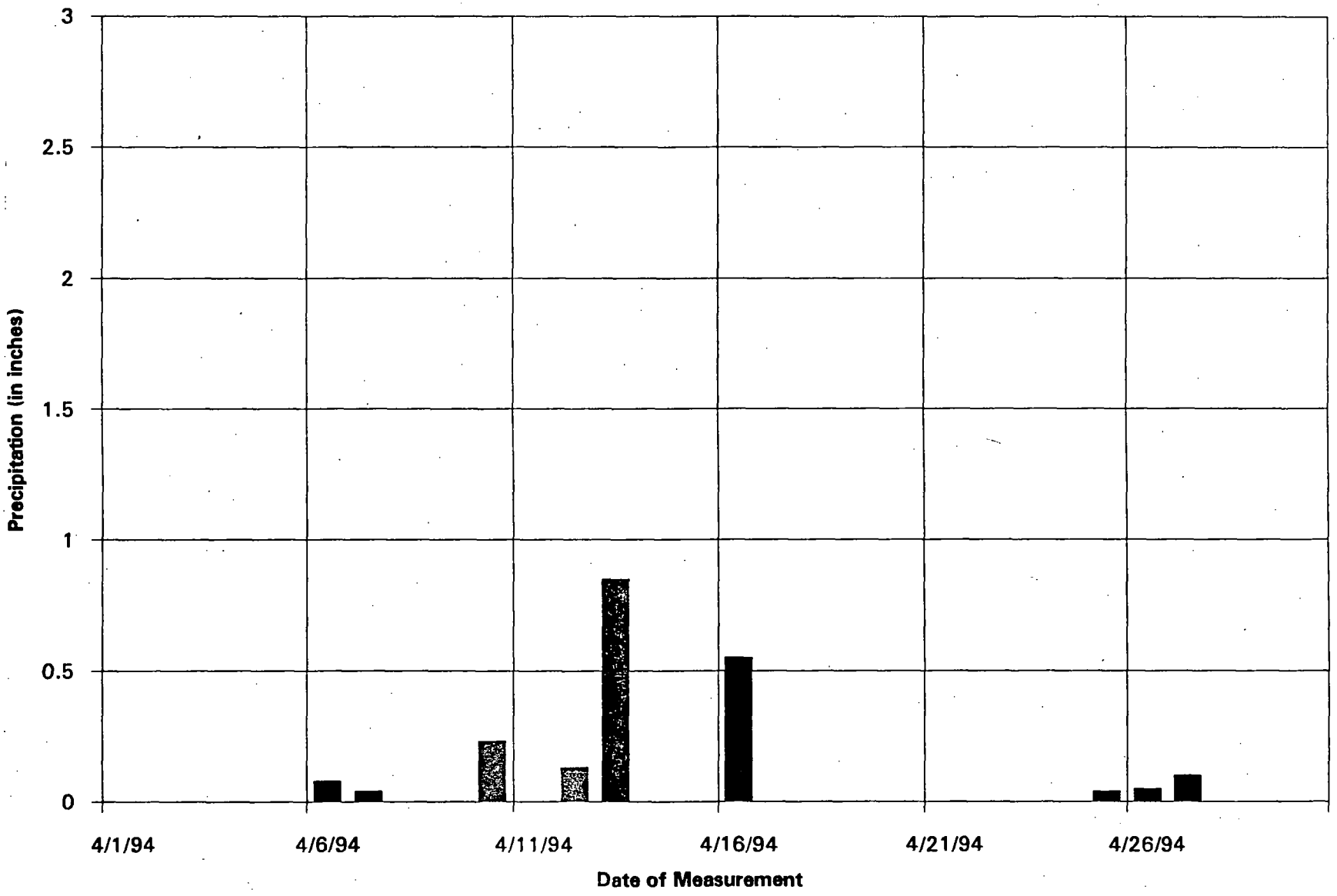
clh b:FEB94.XLS Chart 1

Figure : Precipitation Data - March 1994



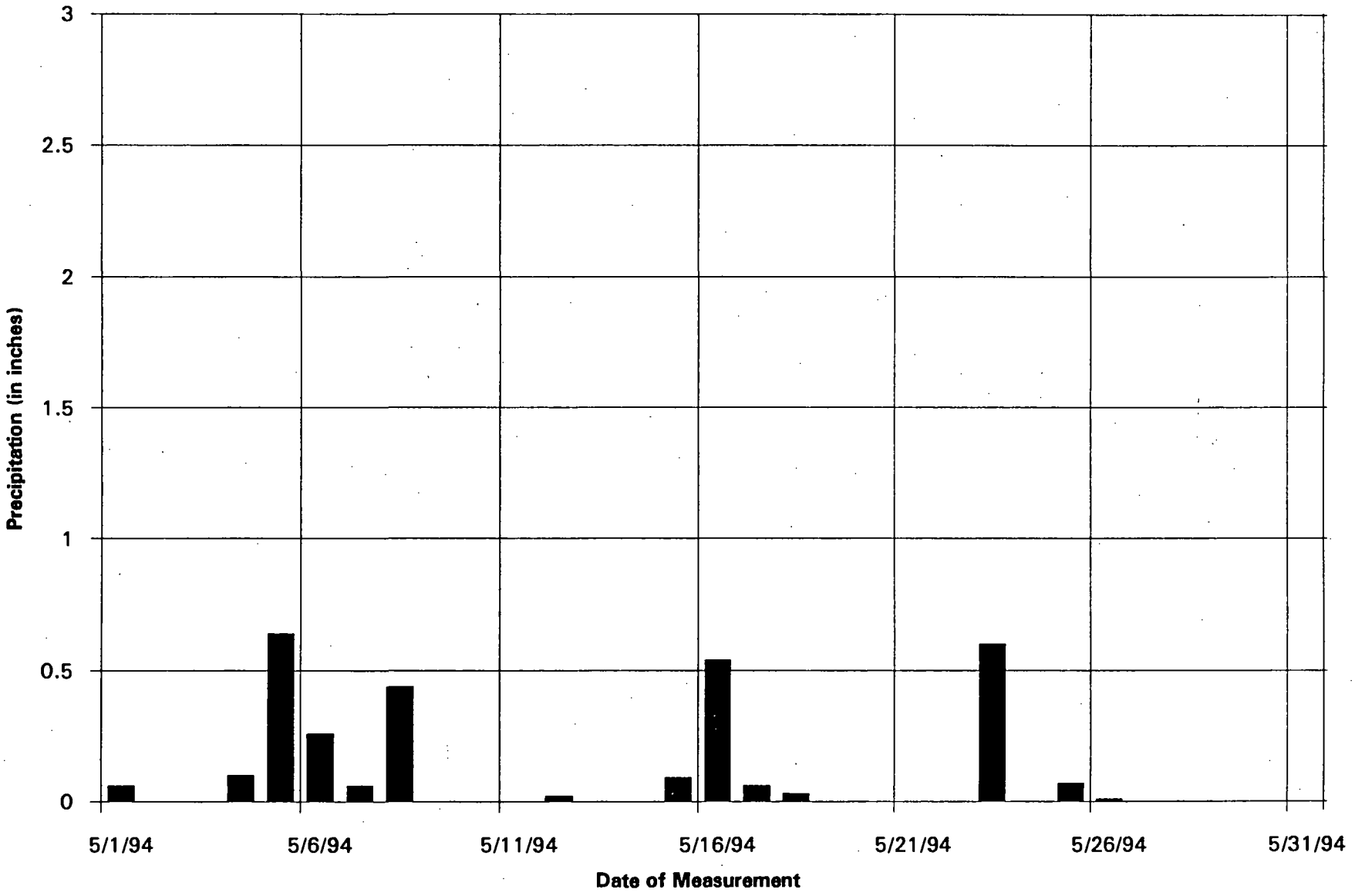
clh b:MAR94.XLS Chart 1

Figure : Precipitation Data - April 1994



clh b:APR94.XLS Chart 1

Figure : Precipitation Data - May 1994



clh b:MAY94.XLS Chart 1

BACKGROUND GROUNDWATER
ORGANIC DATA

	PHASE / ROUND	IB-1	IB-1	IB-1	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	II-1	II-1	II-1	II-1	II-1	II-2	II-2
	SUB AREA	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/MW27S	BG/MW28S	BG/MW35S	BG/MW27S	BG/MW28S
	SAMPLE ID	MW-18S*IB-1	MW-19S*IB-1	RW-4*IB-1	MW-18S*IB-2	MW-19S*IB-2	RW-4*IB-2	MW-18S*IB-3	MW-19S*IB-3	RW-4*IB-3	MW-18S*II-1	MW-19S*II-1	MW-27S*II-1	MW-28S*II-1	MW-35S*II-1	MW-27S*II-2	MW-28S*II-2
	COLLECT DATE	1/11/91	1/10/91	1/14/91	4/15/91	4/15/91	4/22/91	9/11/91	9/12/91	9/13/91	8/26/93	8/26/93	8/26/93	8/25/93	8/24/93	5/2/94	5/2/94
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
80W	4,4'-DDD	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	4,4'-DDE	0.01 U	0.0081 J	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	4,4'-DDT	0.021 U	0.024	R	0.019 U	0.019 U	0.019 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	ALDRIN	0.042	0.01 U	0.013 J	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	ALPHA-BHC	0.016	0.01	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	ALPHA-CHLORDANE	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	BETA-BHC	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	CHLOROBENZILATE	NA	NA	NA	NA	NA	NA	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
80W	DELTA-BHC	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	DIELDRIN	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	ENDOSULFAN I	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	ENDOSULFAN II	0.031 U	0.03 U	0.0041 J	0.029 U	0.029 U	0.029 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	ENDOSULFAN SULFATE	0.052 U	0.051 U	R	0.048 U	0.049 U	0.048 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	ENDRIN	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	ENDRIN ALDEHYDE	0.021 U	0.02 U	R	0.019 U	0.019 U	0.019 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	GAMMA-BHC	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	GAMMA-CHLORDANE	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	HEPTACHLOR	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	HEPTACHLOR EPOXIDE	0.063	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	ISODRIN	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
80W	KEPONE	0.01 U	0.01 U	R	0.0095 U	0.0097 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
80W	METHOXYCHLOR	0.062 U	0.061 U	R	0.048 U	0.049 U	0.048 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
80W	PCB-1016	0.1 U	0.1 U	R	0.095 U	0.097 U	0.095 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	PCB-1221	0.21 U	0.2 U	R	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
80W	PCB-1232	0.21 U	0.2 U	R	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	PCB-1242	0.1 U	0.1 U	R	0.095 U	0.097 U	0.095 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	PCB-1248	0.1 U	0.1 U	R	0.095 U	0.097 U	0.095 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	PCB-1254	0.21 U	0.2 U	R	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	PCB-1260	0.21 U	0.2 U	R	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
80W	TOXAPHENE	0.52 U	0.51 U	R	0.48 U	0.49 U	0.48 U	1 U	1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4ZW	DIMETHOATE	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	4 U	4 U	4 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4ZW	DISULFOTON	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	1.5 U	1.5 U	1.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4ZW	ETHYL PARATHION	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.6 U	0.6 U	0.6 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4ZW	FAMPHUR	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	1.5 U	1.5 U	1.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4ZW	METHYL PARATHION	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 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
4ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.7 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4ZW	PHORATE	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	1.5 U	0.6 U	0.6 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4ZW	SULPOTEPP	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.6 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4ZW	THIONAZIN	4.7 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5ZW	2,4,5-T	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.3 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
5ZW	2,4,5-TP (SILVEX)	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
5ZW	2,4-D	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 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
5ZW	DINOSEB	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
40W	1,1,1,2-TETRACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,1,1-TRICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,1,2,2-TETRACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,1,2-TRICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,1-DICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,1-DICHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,2,3-TRICHLOROPROPANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,2-DIBROMO-3-CHLOROPROPANE	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
40W	1,2-DIBROMOETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,2-DICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	1,2-DICHLOROPROPANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U	R	100 U	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
40W	2-CHLORO-1,3-BUTADIENE	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
40W	3-CHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
40W	ACETONE	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	100 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
40W	ACETONITRILE	20 U	20 U	20 U	20 U	20 U	20 U	R	500 U	500 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
40W	ACROLEIN	R	R	R	R	R	R	R	100 U	100 U	100 U	100 U	100 U	100 U	100 U	R	R
40W	ACRYLONITRILE	50 U	50 U	50 U	50 U	50 U	50 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
40W	BENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	BROMODICHLOROMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	BROMOFORM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	BROMOMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
40W	CARBON DISULFIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	CARBON TETRACHLORIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	CHLOROBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	CHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
40W	CHLOROFORM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	CHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
40W	CIS-1,3-DICHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	DIBROMOCHLOROMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	DIBROMOMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	DICHLORODIFLUOROMETHANE	20 U	20 U	20 U	20 U	20 U	20 U	50 U	50 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	ETHYL METHACRYLATE	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	ETHYLBENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10	5 U	5 U	5 U
40W	IODOMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	ISOBUTANOL	NA	NA	NA	NA	NA	NA	R	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	0 R	0 R
40W	M&P-XYLENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	METHACRYLONITRILE	NA	NA	NA	NA	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
40W	METHYL METHACRYLATE	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	METHYLENE CHLORIDE	5 U	4.9 U	16 U	5 U	31 U	22 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	O-XYLENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	PENTACHLOROETHANE	NA	NA	NA	NA	NA	NA	R	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
40W	PROPANENITRILE	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
40W	STYRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TETRACHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TOLUENE	5 U	5 U	5 U	5 U	5 U	3.5 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TRANS-1,2-DICHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TRANS-1,3-DICHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TRANS-1,4-DICHLORO-2-BUTENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	R	R
40W	TRICHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	TRICHLOROFLUOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
40W	VINYL ACETATE	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
40W	VINYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4DW	1,4-DIOXANE	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4DW	ISOBUTANOL	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4DW	METHACRYLONITRILE	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0W	1,2,4,5-TETRACHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,2,4-TRICHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,2-DICHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,2,3-TRINITROBENZENE	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
0W	1,3-DICHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,3-DINITROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	50 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,4-DICHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,4-DIOXANE	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1,4-NAPHTHOQUINONE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	1-NAPHTHYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,3,4,6-TETRACHLOROPHENOL	19 U	19 U	19 U	19 U	19 U	19 U	10 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
0W	2,4,5-TRICHLOROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	50 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,4,6-TRICHLOROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,4-DICHLOROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,4-DIMETHYLPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	7.7 J	10 U	10 U	10 U
0W	2,4-DINITROPHENOL	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	R	R
0W	2,4-DINITROTOLUENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,6-DICHLOROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2,6-DINITROTOLUENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-ACETYLAMINOFLUORENE	48 U	48 U	48 U	48 U	48 U	48 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-CHLORONAPHTHALENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-CHLOROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-METHYLNAPHTHALENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	0.75 J	10 U	53	10 U	10 U	10 U
0W	2-METHYLPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-NAPHTHYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
0W	2-NITROANILINE	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND GROUNDWATER
ORGANIC DATA

PHASE / ROUND	IB-1	IB-1	IB-1	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	II-1	II-1	II-1	II-1	II-1	II-2	II-2
SUB AREA	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/RW4	BG/MW18S	BG/MW19S	BG/MW27S	BG/MW28S	BG/MW35S	BG/MW27S	BG/MW28S
SAMPLE ID	MW-18S*IB-1	MW-19S*IB-1	RW-4*IB-1	MW-18S*IB-2	MW-19S*IB-2	RW-4*IB-2	MW-18S*IB-3	MW-19S*IB-3	RW-4*IB-3	MW-18S*II-1	MW-19S*II-1	MW-27S*II-1	MW-28S*II-1	MW-35S*II-1	MW-27S*II-2	MW-28S*II-2
COLLECT DATE	1/11/91	1/10/91	1/14/91	4/18/91	4/16/91	4/22/91	9/11/91	9/12/91	9/13/91	8/26/93	8/26/93	8/25/93	8/25/93	8/24/93	5/2/94	5/2/94
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
2-NITROPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-PICOLINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	4.7 J	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	19 U	19 U	19 U	19 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3,3'-DIMETHYLBENZIDINE	19 U	19 U	19 U	19 U	19 U	19 U	10 U	10 U	10 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
3-METHYLCHOLANTHRENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-METHYLPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-NITROANILINE	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4,6-DINITRO-2-METHYLPHENOL	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-AMINOBIPHENYL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-BROMOPHENYL-PHENYLETHER	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-CHLOROPHENYL-PHENYLETHER	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-NITROANILINE	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-NITROPHENOL	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-NITROQUINOLINE-N-OXIDE	96 U	96 U	96 U	R	R	R	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	R	R
5-NITRO-O-TOLUIDINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	48 U	48 U	48 U	48 U	48 U	48 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	84	10 U	10 U	2.1 J
ACENAPHTHYLENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	7.8 J	10 U	10 U	10 U
ACETOPHENONE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ANILINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
ANTHRACENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.3 J	10 U	10 U	10 U	10 U	10 U
ARAMITE	95 U	96 U	96 U	95 U	95 U	96 U	100 U	100 U	100 U	10 U	10 U	10 U	10 U	10 U	R	R
BENZO(A)ANTHRACENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.6 J	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	2.5 J	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.2 J	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	0.86 J	10 U	10 U	10 U	10 U	10 U
BENZYL ALCOHOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	9.5 U	9.5 U	19 U	9.6 U	10 U	4.2 U	2.7 U	10 U	5.3 J	10 U	10 U	10 U	10 U	10 U
BUTAZOLIDIN	48 U	48 U	48 U	48 U	48 U	48 U	500 U	500 U	500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
BUTYLBENZYLPHTHALATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZILATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHRYSENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U
DCDD	19 U	19 U	19 U	19 U	19 U	19 U	NA	NA	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U
DCDF	19 U	19 U	19 U	19 U	19 U	19 U	NA	NA	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U
DI-N-BUTYLPHTHALATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-OCTYLPHTHALATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIALLATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZ(A,H)ANTHRACENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.4 J	10 U	47	10 U	10 U	10 U
DIETHYLPHTHALATE	1 J	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYLPHENETHYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	1000 U	1000 U	1000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
DIMETHYLPHTHALATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DINOSEB	NA	NA	NA	NA	NA	NA	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
DIPHENYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ETHYL METHANESULFONATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	2 J	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	6.2 J	10 U	1.2 J	10 U	10 U	10 U
FLUORENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.7 J	10 U	41	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROPHENE	NA	NA	NA	1900 U	1900 U	1900 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROPROPENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	1.1 J	10 U	10 U	10 U	10 U	10 U
IRGASAN DP-300	48 U	48 U	48 U	48 U	48 U	48 U	100 U	100 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ISOSAFROLE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
METHAPYRILENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	1000 U	1000 U	1000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
METHYL METHANESULFONATE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-BUTYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIETHYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIMETHYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-NITROSOMETHYLETHYLAMINE	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSOMORPHOLINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSOPIPERIDINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSOPYRROLIDINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	40 U	40 U	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	1 J	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	480	10 U	10 U	11
NITROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	0.78 J	10 U	10 U	10 U	10 U	10 U
O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
O,O,O-TRIETHYLPHOSPHORTHIOATE	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA	NA	NA
O-TOLUIDINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
P-DIMETHYLAMINOAZOBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
P-PHENYLENEDIAMINE	48 U	48 U	48 U	48 U	48 U	48 U	1000 U	1000 U	1000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
PENTACHLOROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROETHANE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PENTACHLORONITROBENZENE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	100 U	100 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
PHENACETIN	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PHENANTHRENE	10 U	3 J	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	8 J	10 U	19	10 U	10 U	10 U
PHENOL	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PRONAMIDE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PROPAZINE	48 U	48 U	48 U	48 U	48 U	48 U	20 U	200 U	200 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PYRENE	10 U	2 J	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	5.8 J	10 U	10 U	10 U	10 U	10 U
PYRIDINE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	100 U	100 U	100 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
SAFROLE	10 U	10 U	9.5 U	9.5 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TINUVIN 327	48 U	48 U	48 U	48 U	48 U	48 U	100 U	100 U	100 U	NA	NA	NA	NA	NA	NA	NA
TINUVIN 328	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TOFRANIL	48 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
TRCDD	19 U	19 U	19 U	19 U	19 U	19 U	NA	NA	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U
TRCDF	19 U	19 U	19 U	19 U	19 U	19 U	NA	NA	NA	0 U	0 U	0 U	0 U	0 U	0 U	0 U
1,2,3,4,6,7,8-HPCDD	NA	NA	NA	NA	NA	NA	0.00033482 U	0.00022001 U	0.00031888 U	0.00082 U	0.00077 U	0.0011 U	0.00047 U	0.00051 U	0.00044 U	0.00045 U
1,2,3,4,6,7,8-HPCDF	NA	NA	NA	NA	NA	NA	0.0002561 U	0.00018986 U	0.00029646 U	0.0005 U	0.0004 U	0.0005 U	0.0003 U	0.0003 U	0.00064 U	0.00085 U
1,2,3,4,7,8,9-HPCDF	NA	NA	NA	NA	NA	NA	0.00033543 U	0.00025361 U	0.00039601 U	0.00063 U	0.0005 U	0.00062 U	0.00038 U	0.00038 U	0.00072 U	0.00095 U
1,2,3,4,7,8-HXCDD	NA	NA	NA	NA	NA	NA	0.000482 U	0.0003852 U	0.00063947 U	0.00057 U	0.00034 U	0.00032 U	0.00032 U	0.00034 U	0.001 U	0.001 U
1,2,3,4,7,8-HXCDF	NA	NA	NA	NA	NA	NA	0.00025905 U	0.00017552 U	0.00024545 U	0.00033 U	0.00022 U	0.00048 U	0.0002 U	0.00021 U	0.00065 U	0.00069 U
1,2,3,6,7,8-HXCDD	NA	NA	NA	NA	NA	NA	0.00050629 U	0.00033616 U	0.00055806 U	0.00056 U	0.00035 U	0.00033 U	0.00033 U	0.00034 U	0.00089 U	0.0009 U
1,2,3,6,7,8-HXCDF	NA	NA	NA	NA	NA	NA	0.00023541 U	0.00015902 U	0.00022239 U	0.00031 U	0.00021 U	0.00044 U	0.00018 U	0.00019 U	0.00057 U	0.0006 U
1,2,3,7,8,9-HXCDD	NA	NA	NA	NA	NA	NA	0.00049299 U	0.00033278 U	0.00055246 U	0.00053 U	0.00032 U	0.0003 U	0.0003 U	0.00031 U	0.00069 U	0.0009 U
1,2,3,7,8,9-HXCDF	NA	NA	NA	NA	NA	NA	0.00031757 U	0.00020672 U	0.00028909 U	0.00039 U	0.00026 U	0.00056 U	0.00023 U	0.00025 U	0.00074 U	0.00078 U
1,2,3,7,8-PECDD	NA	NA	NA	NA	NA	NA	0.00068729 U	0.00045176 U	0.00084774 U	0.00033 U	0.00031 U	0.00028 U	0.00026 U	0.00027 U	0.0014 U	0.0011 U
1,2,3,7,8-PECDF	NA	NA	NA	NA	NA	NA	0.00035615 U	0.00029317 U	0.00032474 U	0.00028 U	0.00017 U	0.00018 U	0.00015 U	0.00016 U	0.00096 U	0.00079 U
2,3,4,6,7,8-HXCDF	NA	NA	NA	NA	NA	NA	0.00027198 U	0.00018082 U	0.00025287 U	0.00034 U	0.00023 U	0.0005 U	0.00021 U	0.00022 U	0.00066 U	0.00069 U
2,3,4,7,8-PECDF	NA	NA	NA	NA	NA	NA	0.00034523 U	0.00028449 U	0.00031513 U	0.00028 U	0.00018 U	0.00019 U	0.00016 U	0.00017 U	0.0011 U	0.00088 U
2,3,7,8-TCDD	0.0013 U	0.002 U	0.0022 U	0.0023 U	0.002 U	0.0034 U	0.00012 U	0.00011553 U	0.00017882 U	0.0004 U	0.00029 U	0.00023 U	0.00027 U	0.00023 U	0.00062 U	0.00071 U
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	0.00007583 U	0.00008474 U	0.00009146 U	0.00025 U	0.00026 U	0.00027 U	0.00022 U	0.00022 U	0.0015 U	0.0011 U
HPCDD	NA	NA	NA	NA	NA	NA	0.00033482 U	0.00022001 U	0.00031888 U	0.00082 U	0.00077 U	0.0011 U	0.00047 U	0.00051 U	0.00044 U	0.00045 U
HPCDF	NA	NA	NA	NA	NA	NA	0.00033543 U	0.00025361 U	0.00039601 U	0.0005 U	0.0004 U	0.00052 F	0.0003 U	0.0003 U	0.00064 U	0.00085 U
HXCDD	0.0028 U	0.0042 U	0.0039 U	0.0036 U	0.0036 U	0.0035 U	0.00052977 U	0.0003852 U	0.00063947 U	0.00053 U	0.00032 U	0.0003 U	0.0003 U	0.00031 U	0.00089 U	0.0009 U
HXCDF	0.0016 U	0.0024 U	0.0022 U	0.0022 U	0.0021 U	0.0025 U	0.00031757 U	0.00020672 U	0.00028909 U	0.00031 U	0.00021 U	0.00044 U	0.00018 U	0.00019 U	0.00057 U	0.0006 U
OCDD	NA	NA	NA	NA	NA	NA	0.00031787 U	0.00064166 J	0.00036077 J	0.0022 U	0.0037 J	0.0028 U	0.0021 U	0.0016 U	0.0016 U	0.0013 U
OCDF	NA	NA	NA	NA	NA	NA	0.0002294 U	0.00031022 U	0.00032294 U	0.0011 U	0.00085 U	0.00084 U	0.00068 U	0.0009 U	0.00095 U	0.00091 U
PECDD	0.0016 U	0.0023 U	0.0024 U	0.0022 U	0.0021 U	0.0027 U	0.00068729 U	0.00045176 U	0.00084774 U	0.00033 U	0.00031 U	0.00028 U	0.00026 U	0.00027 U	0.0014 U	0.0011 U
PECDF	0.00084 U	0.0013 U	0.0014 U	0.0014 U	0.0014 U	0.002 U	0.00035615 U	0.00029317 U	0.00032474 U	0.00028 U	0.00017 U	0.00018 U	0.00015 U	0.00016 U	0.00096 U	0.00079 U
TCDD	0.0013 U	0.002 U	0.0022 U	0.0023 U	0.002 U	0.0034 U	0.01958771	0.01997737 U	0.01981906 U	0.0004 U	0.00029 U	0.00023 U	0.00027 U	0.00023 U	0.00062 U	0.00071 U
TCDF	0.00082 U	0.0014 U	0.0019 U	0.0016 U	0.0015 U	0.0033 U	0.00111603 U	0.00077129 U	0.00081409 U	0.00025 U	0.00026 U	0.00027 U	0.00022 U	0.00022 U	0.0015 U	0.0011 U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PHASE / ROUND	II-2		II-2		II-2	
SUB AREA	BG/MW35S		BG/MW45S		BG/MW46S	
SAMPLE ID	MW-35S*II-2		MW-45S*II-2		MW-46S*II-2	
COLLECT DATE	5/2/94		5/3/94		5/2/94	
	Result	Q	Result	Q	Result	Q
4,4'-DDD	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.43	J	0.46	J
ALDRIN	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U
ALPHA-CHLORDANE	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U
CHLOROBENZILATE	0.5	U	0.5	U	0.5	U
DELTA-BHC	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U
ENDOSULFAN I	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.12	J	0.57	
ENDRIN	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U
GAMMA-BHC	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U
ISODRIN	0.05	U	0.05	U	0.05	U
KEPONE	0.1	U	0.1	U	0.1	U
METHOXYCHLOR	0.5	U	0.58	U	0.6	U
PCB-1016	1	U	1	U	1	U
PCB-1221	2	U	2	U	2	U
PCB-1232	1	U	1	U	1	U
PCB-1242	1	U	1	U	1	U
PCB-1248	1	U	1.7		1.8	
PCB-1254	1	U	3.5		3.8	
PCB-1260	1	U	1	U	1	U
TOXAPHENE	5	U	5	U	5	U
DIMETHOATE	10	U	10	U	10	U
DISULFOTON	2	U	2	U	2	U
ETHYL PARATHION	1	U	1	U	1	U
FAMPHUR	2	U	2	U	2	U
METHYL PARATHION	0.5	U	0.5	U	0.5	U
O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA	
PHORATE	1	U	1	U	1	U
SULFOTEPP	0.5	U	0.5	U	0.5	U
THIONAZIN	1	U	1	U	1	U
2,4,5-T	0.5	U	0.5	U	0.5	U
2,4,5-TP (SILVEX)	0.5	U	0.5	U	0.5	U
2,4-D	0.5	U	0.5	U	0.5	U
DINOSEB	NA		NA		NA	
1,1,1,2-TETRACHLOROETHANE	5	U	5	U	5	U
1,1,1-TRICHLOROETHANE	5	U	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	5	U	5	U	5	U
1,1-DICHLOROETHANE	5	U	5	U	5	U
1,1-DICHLOROETHENE	5	U	5	U	5	U
1,2,3-TRICHLOROPROPANE	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	10	U	10	U
1,2-DIBROMOETHANE	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	U	5	U	5	U
2-BUTANONE	25	U	52		25	U
2-CHLORO-1,3-BUTADIENE	5	U	5	U	5	U
2-HEXANONE	25	U	25	U	25	U
3-CHLOROPROPENE	5	U	5	U	5	U
4-METHYL-2-PENTANONE	25	U	25	U	25	U
ACETONE	25	U	25	U	25	U
ACETONITRILE	1000	U	1000	U	1000	U
ACROLEIN	100	U	R		R	
ACRYLONITRILE	100	U	100	U	100	U
BENZENE	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	U	5	U	5	U
BROMOFORM	5	U	5	U	5	U
BROMOMETHANE	10	U	10	U	10	U
CARBON DISULFIDE	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	5	U
CHLOROBENZENE	5	U	5	U	5	U
CHLOROETHANE	10	U	10	U	10	U
CHLOROFORM	5	U	5	U	5	U
CHLOROMETHANE	10	U	10	U	10	U
CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	5	U
DIBROMOMETHANE	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	5	U
ETHYL METHACRYLATE	5	U	5	U	5	U
ETHYLBENZENE	5	U	5	U	5	U
IODOMETHANE	5	U	5	U	5	U
ISOBUTANOL	0	R	0	R	0	R
M&P-XYLENE	5	U	5	U	5	U
METHACRYLONITRILE	100	U	100	U	100	U
METHYL METHACRYLATE	5	U	88		80	
METHYLENE CHLORIDE	5	U	280		280	
O-XYLENE	5	U	41		42	
PENTACHLOROETHANE	25	U	310		310	
PROPANENITRILE	100	U	100	U	100	U
STYRENE	5	U	5	U	5	U
TETRACHLOROETHENE	5	U	5	U	5	U
TOLUENE	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U
TRANS-1,4-DICHLORO-2-BUTENE	R		R		R	
TRICHLOROETHENE	5	U	5	U	5	U
TRICHLOROFLUOROMETHANE	5	U	5	U	5	U
VINYL ACETATE	10	U	10	U	10	U
VINYL CHLORIDE	10	U	10	U	10	U
1,4-DIOXANE	NA		NA		NA	
ISOBUTANOL	NA		NA		NA	
METHACRYLONITRILE	NA		NA		NA	
1,2,4,5-TETRACHLOROBENZENE	10	U	10	U	10	U
1,2,4-TRICHLOROBENZENE	10	U	10	U	10	U
1,2-DICHLOROBENZENE	10	U	10	U	10	U
1,3,5-TRINITROBENZENE	200	U	200	U	200	U
1,3-DICHLOROBENZENE	10	U	10	U	10	U
1,3-DINITROBENZENE	10	U	10	U	10	U
1,4-DICHLOROBENZENE	10	U	10	U	10	U
1,4-DIOXANE	10	U	10	U	10	U
1,4-NAPHTHOQUINONE	10	U	10	U	10	U
1-NAPHTHYLAMINE	10	U	10	U	10	U
2,2'-OXYBIS(1-CHLOROPROPANE)	10	U	10	U	10	U
2,3,4,6-TETRACHLOROPHENOL	50	U	50	U	50	U
2,4,5-TRICHLOROPHENOL	10	U	10	U	10	U
2,4,6-TRICHLOROPHENOL	10	U	10	U	10	U
2,4-DICHLOROPHENOL	10	U	10	U	10	U
2,4-DIMETHYLPHENOL	10	U	10	U	10	U
2,4-DINITROPHENOL	R		R		R	
2,4-DINITROTOLUENE	10	U	10	U	10	U
2,6-DICHLOROPHENOL	10	U	10	U	10	U
2,6-DINITROTOLUENE	10	U	10	U	10	U
2-ACETYLAMINOFLUORENE	10	U	10	U	10	U
2-CHLORONAPHTHALENE	10	U	10	U	10	U
2-CHLOROPHENOL	10	U	10	U	10	U
2-METHYLNAPHTHALENE	10	U	10	U	10	U
2-METHYLPHENOL	10	U	10	U	10	U
2-NAPHTHYLAMINE	10	U	10	U	10	U
2-NITROANILINE	50	U	50	U	50	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

	PHASE / ROUND	II-2		II-2		II-2	
	SUB AREA	BG/MW35S		BG/MW46S		BG/MW46S	
	SAMPLE ID	MW-35S*II-2		MW-46S*II-2		MW-46S*II-2	
	COLLECT DATE	5/2/94		5/3/94		5/3/94	
		Result	Q	Result	Q	Result	Q
W	2-NITROPHENOL	10	U	10	U	10	U
W	2-PICOLINE	200	U	200	U	200	U
W	3&4-METHYLPHENOL	10	U	10	U	10	U
W	3,3'-DICHLOROBENZIDINE	20	U	20	U	20	U
W	3,3'-DIMETHYLBENZIDINE	200	U	200	U	200	U
W	3-METHYLCHOLANTHRENE	10	U	10	U	10	U
W	2-METHYLPHENOL	NA		NA		NA	
W	2-NITROANILINE	50	U	50	U	50	U
W	4,6-DINITRO-2-METHYLPHENOL	50	U	50	U	50	U
W	4-AMINOBIPHENYL	10	U	10	U	10	U
W	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U
W	4-CHLORO-3-METHYLPHENOL	10	U	10	U	10	U
W	4-CHLOROANILINE	20	U	20	U	20	U
W	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U
W	4-METHYLPHENOL	NA		NA		NA	
W	4-NITROANILINE	50	U	50	U	50	U
W	4-NITROPHENOL	50	U	50	U	50	U
W	4-NITROQUINOLINE-N-OXIDE	R		R		R	
W	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U
W	7,12-DIMETHYLBENZ(A)ANTHRACENE	10	U	10	U	10	U
W	ACENAPHTHENE	10	U	10	U	10	U
W	ACENAPHTHYLENE	10	U	10	U	10	U
W	ACETOPHENONE	10	U	10	U	10	U
W	ANILINE	50	U	50	U	50	U
W	ANTHRACENE	10	U	10	U	10	U
W	ARAMITE	R		R		R	
W	BENZO(A)ANTHRACENE	10	U	10	U	10	U
W	BENZO(A)PYRENE	10	U	10	U	10	U
W	BENZO(B)FLUORANTHENE	10	U	10	U	10	U
W	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U
W	BENZO(K)FLUORANTHENE	10	U	10	U	10	U
W	BENZYL ALCOHOL	10	U	10	U	10	U
W	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U
W	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U
W	BIS(2-ETHYLHEXYL)PHTHALATE	10	U	3.9	J	4	J
W	BUTAZOLIDIN	50	U	50	U	50	U
W	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U
W	CHLOROBENZILATE	NA		NA		NA	
W	CHRYSENE	10	U	10	U	10	U
W	DCDD	0	U	0	U	0	U
W	DCDF	0	U	0	U	0	U
W	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U
W	DI-N-OCTYLPHTHALATE	10	U	10	U	10	U
W	DIALLATE	10	U	10	U	10	U
W	DIBENZ(A,H)ANTHRACENE	10	U	10	U	10	U
W	DIBENZOFURAN	10	U	10	U	10	U
W	DIETHYLPHTHALATE	10	U	10	U	10	U
W	DIMETHYLPHENETHYLAMINE	2000	U	2000	U	2000	U
W	DIMETHYLPHTHALATE	10	U	10	U	10	U
W	DINOSEB	10	U	10	U	10	U
W	DIPHENYLAMINE	10	U	10	U	10	U
W	ETHYL METHANESULFONATE	10	U	10	U	10	U
W	FLUORANTHENE	10	U	10	U	10	U
W	FLUORENE	10	U	10	U	10	U
W	HEXACHLOROBENZENE	10	U	10	U	10	U
W	HEXACHLOROBUTADIENE	10	U	10	U	10	U
W	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U
W	HEXACHLOROETHANE	10	U	10	U	10	U
W	HEXACHLOROPHENE	NA		NA		NA	
W	HEXACHLOROPROPENE	10	U	10	U	10	U
W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U
W	IRGASAN DP-300	10	U	10	U	10	U
W	ISOPHORONE	10	U	10	U	10	U
W	ISOSAFROLE	10	U	10	U	10	U
W	METHAPYRILENE	2000	U	2000	U	2000	U
W	METHYL METHANESULFONATE	10	U	10	U	10	U
W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U
W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U
W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U
W	N-NITROSODIMETHYLAMINE	10	U	10	U	10	U
W	N-NITROSODIPHENYLAMINE	NA		NA		NA	
W	N-NITROSOMETHYLETHYLAMINE	10	U	10	U	10	U
W	N-NITROSOMORPHOLINE	10	U	10	U	10	U
W	N-NITROSOPIPERIDINE	10	U	10	U	10	U
W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U
W	NAPHTHALENE	10	U	10	U	10	U
W	NITROBENZENE	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA	
W	O-TOLUIDINE	10	U	10	U	10	U
W	P-DIMETHYLAMINOAZOBENZENE	10	U	10	U	10	U
W	P-PHENYLENEDIAMINE	2000	U	2000	U	2000	U
W	PENTACHLOROBENZENE	10	U	10	U	10	U
W	PENTACHLOROETHANE	NA		NA		NA	
W	PENTACHLORONITROBENZENE	10	U	10	U	10	U
W	PENTACHLOROPHENOL	50	U	50	U	50	U
W	PHENACETIN	10	U	10	U	10	U
W	PHENANTHRENE	10	U	10	U	10	U
W	PHENOL	10	U	10	U	10	U
W	PRONAMIDE	10	U	10	U	10	U
W	PROPAZINE	20	U	20	U	20	U
W	PYRENE	10	U	10	U	10	U
W	PYRIDINE	200	U	200	U	200	U
W	SAFROLE	10	U	10	U	10	U
W	TINUVIN 327	NA		NA		NA	
W	TINUVIN 328	10	U	10	U	10	U
W	TOFRANIL	100	U	100	U	100	U
W	TRCDD	0	U	0	U	0	U
W	TRCDF	0	U	0	U	0	U
WZW	1,2,3,4,6,7,8-HPCDD	0.00046	U	NA		NA	
WZW	1,2,3,4,6,7,8-HPCDF	0.00082	U	NA		NA	
WZW	1,2,3,4,7,8,9-HPCDF	0.00092	U	NA		NA	
WZW	1,2,3,4,7,8-HXCDD	0.0014	U	NA		NA	
WZW	1,2,3,4,7,8-HXCDF	0.00085	U	NA		NA	
WZW	1,2,3,6,7,8-HXCDD	0.0013	U	NA		NA	
WZW	1,2,3,6,7,8-HXCDF	0.00075	U	NA		NA	
WZW	1,2,3,7,8,9-HXCDD	0.0013	U	NA		NA	
WZW	1,2,3,7,8,9-HXCDF	0.00097	U	NA		NA	
WZW	1,2,3,7,8-PECDD	0.0014	U	NA		NA	
WZW	1,2,3,7,8-PECDF	0.0012	U	NA		NA	
WZW	2,3,4,6,7,8-HXCDF	0.00086	U	NA		NA	
WZW	2,3,4,7,8-PECDF	0.0013	U	NA		NA	
WZW	2,3,7,8-TCDD	0.00058	U	NA		NA	
WZW	2,3,7,8-TCDF	0.001	U	NA		NA	
WZW	HPCDD	0.00046	U	NA		NA	
WZW	HPCDF	0.00082	U	NA		NA	
WZW	HXCDD	0.0013	U	NA		NA	
WZW	HXCDF	0.00075	U	NA		NA	
WZW	OCDD	0.0012	U	NA		NA	
WZW	OCDF	0.00056	U	NA		NA	
WZW	PECDD	0.0014	U	NA		NA	
WZW	PECDF	0.0012	U	NA		NA	
WZW	TCDD	0.00058	U	NA		NA	
WZW	TCDF	0.001	U	NA		NA	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND GROUNDWATER
INORGANIC DATA

	PHASE / ROUND	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	II-1
	SUB AREA	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG
	SAMPLE ID	MW-18S*IB-1 (D)	MW-18S*IB-1 (T)	MW-19S*IB-1 (D)	MW-19S*IB-1 (T)	RW-4*IB-1 (D)	RW-4*IB-1 (T)	MW-18S*IB-2 (D)	MW-18S*IB-2 (T)	MW-19S*IB-2 (D)	MW-19S*IB-2 (T)	RW-4*IB-2 (D)	RW-4*IB-2 (T)	MW-18S*IB-3(D)	MW-18S*IB-3(T)	MW-19S*IB-3(D)	MW-19S*IB-3(T)	RW-4*IB-3(D)	RW-4*IB-3(T)	MW-18S*II-1(D)
	COLLECT DATE	1/11/91	1/11/91	1/10/91	1/10/91	1/14/91	1/14/91	4/18/91	4/18/91	4/16/91	4/16/91	4/22/91	4/22/91	9/11/91	9/11/91	9/12/91	9/12/91	9/13/91	9/13/91	8/26/93
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25 U	25 U	25 U	25 U	25 U	25 U	50 U
6010W	BARIUM	18	335	13	359	17	25	28.9	93.1	10.8	222	35.4	96.2	54	150	13	110	25	39	36
6010W	BERYLLIUM	2 U	2.1	2 U	3.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W	CALCIUM	29300	45400	34400	44900	12700	13200	28500	25600	29600	40000	18100	20200	16000	20000	40000	52000	14000	16000	NA
6010W	CHROMIUM	10 U	83	10 U	154	10 U	16	10.1	131 J	10 U	56.2	10 U	25.4	10 U	2000	10 U	77	10 U	13	18
6010W	COBALT	10 U	31	10 U	52	10 U	10 U	10 U	14.3	10 U	24.8	10 U	24.5	10 U	16	10 U	15	10 U	10 U	10 U
6010W	COPPER	20 U	123	20 U	125	20 U	20 U	20 U	23.7	20 U	67.5	20 U	62.6	25 U	47	25 U	39	25 U	25 U	25 U
6010W	IRON	40 U	64200	84 U	111000	3200	7260	121	14400	216	39500	8360	41700	6.5 U	16000	6.5 U	17000	6300	14000	NA
6010W	MAGNESIUM	3210	16400	4330	28000	2490	3040	2230	4500	2800	12400	5170	11400	2100	3400	5000	7800	3700	4800	NA
6010W	MANGANESE	349	4220	92	1760	829	813	286	971	188	875	1920	2240	390	1500	71	570	1600	1700	NA
6010W	NICKEL	20 U	86	20 U	142	20 U	38	139	210 J	197	202	20 U	53.9	410	530	40 U	74	40 U	50	480
6010W	POTASSIUM	5250	16200	3610	14800	4780	4590	4040	4960	3000 U	5950	3000 U	3240 J	4500	5000	2400	3600	3300	3200	NA
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
6010W	SODIUM	30200	32200	10300	13800	9920	10800	19800	16700	8390	10400	17000	16400	29000	28000	10000	9600	14000	14000	NA
6010W	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U
6010W	VANADIUM	20 U	62	20 U	115	20 U	20 U	20 U	20 U	20 U	46.1	20 U	20 U	10 U	29	10 U	32	10 U	10 U	10 U
6010W	ZINC	20 U	171	20 U	273 U	20	47	20 U	51	20 U	152	35.6	148	28	99 U	20 U	88 U	43	190	28
7041W	ANTIMONY	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	NA	NA	NA	NA	NA	NA	NA
7060W	ARSENIC	4 U	59.7 J	4 U	61.7	4 U	4 U	4 U	12.2 J	4 U	24.1	4 U	6.8	5 U	20	5 U	6.9	8.6	5 U	10 U
7421W	LEAD	3 U	29.4 U	3 U	45.8	3 U	26.9	3 U	10.5 J	3 U	24.1	17 U	47	5 U	12	5 U	12	5 U	13	5 U
747ZW	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7610W	POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7740W	SELENIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7841W	THALLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9010W	CYANIDE	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA
SNZZW	TIN	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	NA	NA	NA	NA	NA	NA	NA

BACKGROUND GROUNDWATER
INORGANIC DATA

	PHASE / ROUND	II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-2		II-2		II-2		II-2		II-2		II-2		II-2	
	SUB AREA	BG		BG		BG		BG		BG		BG		BG		BG		BG		BG		BG		BG		BG		BG	
	SAMPLE ID	MW-18S*II-1[T]		MW-19S*II-1[D]		MW-19S*II-1[T]		MW-27S*II-1[D]		MW-27S*II-1[T]		MW-28S*II-1[D]		MW-28S*II-1[T]		MW-35S*II-1[D]		MW-35S*II-1[T]		MW-27S*II-2[D]		MW-27S*II-2[T]		MW-28S*II-2[D]		MW-28S*II-2[T]		MW-36S*II-2[D]		MW-36S*II-2[T]	
	COLLECT DATE	8/26/93		8/26/93		8/26/93		8/25/93		8/25/93		8/25/93		8/25/93		8/24/93		8/24/93		5/2/94		5/2/94		5/2/94		5/2/94		5/2/94		5/2/94	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
6010W	BARIUM	81		10	U	170		35		60		44		150		13		32		65.8		135		26.5		74.2		10		57.8	
6010W	BERYLLIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	CADMIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	CALCIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		23000		25000		12000		13000		29000		32000	
6010W	CHROMIUM	2600		10	U	1400		10	U	13		10	U	42		10	U	10	U	10	U	177	J	10	U	10	U	10	U	176	J
6010W	COBALT	10	U	10	U	26		10	U	10	U	10	U	15		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	COPPER	51		25	U	920		25	U	25	U	25	U	25		25	U	25	U	25	U	25	U	25	U	25	U	25	U	42.1	
6010W	IRON	NA		NA		NA		NA		NA		NA		NA		NA		NA		300		21000		19	U	4400		23		22000	
6010W	MAGNESIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		2900		3800		5900		6800		4300		5400	
6010W	MANGANESE	NA		NA		NA		NA		NA		NA		NA		NA		NA		190		250		45		150		9.4		290	
6010W	NICKEL	370		40	U	370		40	U	40	U	40	U	40	U	40	U	40	U	40	U	54.7		40	U	40	U	40	U	43.3	
6010W	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010W	SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	SODIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		85000		90000		14000		15000		16000		18000	
6010W	TIN	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
6010W	VANADIUM	19		10	U	71		10	U	10	U	10	U	24		10	U	10	U	10	U	16.6		10	U	10	U	10	U	18.8	
6010W	ZINC	110	J	20	U	350	J	51		66		110		180	J	20	U	20	U	114	J	108		543	J	575		20	U	36.6	
7041W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7060W	ARSENIC	11		10	U	22		10	U	10	U	10	U	10	U	10	U	10	U	10	U	11.8	J	10	U	10	U	10	U	46.9	J
7421W	LEAD	18		5	U	40		5	U	5	U	5	U	7.5		5	U	5	U	5	U	14.2	J	5	U	5.7	J	5	U	51.5	J
747ZW	MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7610W	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		5200		7800		2700		5800		1500		2300	
7740W	SELENIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U	10	U	10	U	10	U
7841W	THALLIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
9010W	CYANIDE	10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U
SNZZW	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

	PHASE / ROUND	II-2		II-2		II-2		II-2		II-2		II-2		II-2		II-2	
	SUB AREA	BG		BG		BG		BG		BG		BG		BG		BG	
	SAMPLE ID	MW-45S*II-2[D]		MW-45S*II-2[T]		MW-46S*II-2[D]		MW-46S*II-2[T]									
	COLLECT DATE	5/3/94		5/3/94		5/3/94		5/3/94									
		Result	Q	Result	Q	Result	Q	Result	Q								
6010W	ANTIMONY	50	U	50	U	50	U	50	U								
6010W	BARIUM	418		403		422		396									
6010W	BERYLLIUM	208		197	J	210		193	J								
6010W	CADMIUM	469		439	J	466		433	J								
6010W	CALCIUM	NA		NA		NA		NA									
6010W	CHROMIUM	503		471	J	504		464	J								
6010W	COBALT	391		362		393		357									
6010W	COPPER	529		502		532		496									
6010W	IRON	NA		NA		NA		NA									
6010W	MAGNESIUM	NA		NA		NA		NA									
6010W	MANGANESE	NA		NA		NA		NA									
6010W	NICKEL	537		500		536		505									
6010W	POTASSIUM	NA		NA		NA		NA									
6010W	SILVER	10	U	10	U	10	U	10	U								
6010W	SODIUM	NA		NA		NA		NA									
6010W	TIN	1050		988		1070		976									
6010W	VANADIUM	407		386		409		381									
6010W	ZINC	487	J	437		484	J	432									
7041W	ANTIMONY	NA		NA		NA		NA									
7060W	ARSENIC	46.1		42.4	J	44.1		47.8	J								
7421W	LEAD	25.2		23.7	J	25.9		23.5	J								
747ZW	MERCURY	1.8		1.8	J	1.8		1.8	J								
7610W	POTASSIUM	NA		NA		NA		NA									
7740W	SELENIUM	40.7		39.6		39.8		42.8									
7841W	THALLIUM	41		39.2		39.3		38.3									
9010W	CYANIDE	10	U	NA		10	U	NA									
SNZZW	TIN	NA		NA		NA		NA									

All results in ug/l (ppb)
U - Undetected
J - Estimated result
R - Rejected result.
NA - Not analyzed
F - Estimated maximum concentration
[D] - Dissolved concentration (filtered sample)
[T] - Total concentration (unfiltered sample)

PRODUCTION AREA
SHALLOW GROUNDWATER
ORGANIC DATA

11/26/95

		SITE	IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2	
		LOCATOR	AOC13		AOC13		AOC13		AOI15		AOI15		SMU11		SMU11		SMU2		SMU7		SMU8		AOC13		AOC13		AOI15	
		SAMPLE NUMBER	MW-1S*IB-1		MW-2S*IB-1		MW-3S*IB-1		MW-16S*IB-1		MW-8S*IB-1		MW-14S*IB-1		MW-4S*IB-1		MW-10S*IB-1		MW-12S*IB-1		MW-13S*IB-1		MW-1S*IB-2		MW-2S*IB-2		MW-3S*IB-2		MW-16S*IB-2	
		COLLECT DATE	12/6/90		1/15/91		1/11/91		1/14/91		1/15/91		1/14/91		1/14/91		1/10/91		1/15/91		1/10/91		4/23/91		4/23/91		4/19/91		4/22/91	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080W	4,4'-DDD		0.1	U	0.049	U	0.0094	U	0.017	J	0.0095	U	R		R		0.0096	U	0.025		0.41		0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	4,4'-DDE		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		R		0.0084	J	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	4,4'-DDT		0.2	U	0.097	U	0.019	U	R		0.031	J	R		R		0.023		0.019	U	0.19	U	1.9	U	1.9	U	0.019	U	0.019	U
8080W	ALDRIN		0.1	U	0.049	U	0.0094	U	0.01	J	0.0095	U	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ALPHA-BHC		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		0.14	J	0.015		0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ALPHA-CHLORDANE		0.1	U	0.049	U	0.0094	U	R		0.079		R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	BETA-BHC		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	CHLOROBENZILATE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080W	DELTA-BHC		0.1	U	0.049	U	0.0094	U	R		0.021		1.3	J	R		0.032		0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	DIELDRIN		0.1	U	0.049	U	0.0094	U	R		0.036	J	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ENDOSULFAN I		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ENDOSULFAN II		0.31	U	0.15	U	0.028	U	R		0.029	U	R		R		0.0069	J	0.029	U	0.29	U	2.9	U	2.9	U	0.029	U	0.029	U
8080W	ENDOSULFAN SULFATE		0.51	U	0.24	U	0.047	U	R		0.048	U	R		R		0.048	U	0.049	U	0.48	U	4.8	U	4.8	U	0.048	U	0.048	U
8080W	ENDRIN		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		0.086	J	0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ENDRIN ALDEHYDE		0.2	U	0.097	U	0.019	U	R		0.019	U	R		R		0.011	J	0.019	U	0.19	U	1.9	U	1.9	U	0.019	U	0.027	
8080W	GAMMA-BHC		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		R		0.0096	U	0.0097	U	0.49		0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	GAMMA-CHLORDANE		0.1	U	0.049	U	0.0094	U	R		0.12		R		R		0.11		0.0097	U	2.4		0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	HEPTACHLOR		0.1	U	0.049	U	0.0094	U	0.017	J	0.0095	U	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	HEPTACHLOR EPOXIDE		0.1	U	0.049	U	0.019	U	0.02	J	0.054		R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	ISODRIN		0.1	U	0.095		0.0094	U	R		0.0095	U	R		R		0.0096	U	0.01		0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	KEPONE		0.1	U	0.049	U	0.0094	U	R		0.0095	U	R		R		0.0096	U	0.0097	U	0.096	U	0.95	U	0.95	U	0.0095	U	0.0095	U
8080W	METHOXYCHLOR		0.51	U	0.24	U	0.047	U	R		0.048	U	R		R		0.048	U	0.049	U	0.48	U	4.8	U	4.8	U	0.048	U	0.048	U
8080W	PCB-1016		1	U	0.49	U	0.094	U	R		0.095	U	R		R		0.096	U	0.097	U	0.96	U	9.5	U	9.5	U	0.095	U	0.095	U
8080W	PCB-1221		2	U	0.97	U	0.19	U	R		0.19	U	R		R		0.19	U	0.19	U	1.9	U	19	U	19	U	0.19	U	0.19	U
8080W	PCB-1232		2	U	0.97	U	0.19	U	R		0.19	U	R		R		0.19	U	0.19	U	1.9	U	19	U	19	U	0.19	U	0.19	U
8080W	PCB-1242		1	U	0.49	U	0.094	U	R		0.095	U	R		R		0.096	U	0.097	U	0.96	U	9.5	U	9.5	U	0.095	U	0.095	U
8080W	PCB-1248		1	U	0.49	U	0.094	U	R		0.095	U	R		R		0.096	U	0.097	U	0.96	U	9.5	U	9.5	U	0.095	U	1.7	
8080W	PCB-1254		2	U	0.97	U	0.19	U	R		0.19	U	R		R		0.19	U	0.19	U	1.9	U	19	U	19	U	0.19	U	0.19	U
8080W	PCB-1260		2	U	0.97	U	0.19	U	R		0.19	U	R		R		0.19	U	0.19	U	1.9	U	19	U	19	U	0.19	U	0.19	U
8080W	TOXAPHENE		5.1	U	2.4	U	0.47	U	R		0.48	U	R		R		0.49	U	0.49	U	4.8	U	48	U	48	U	0.48	U	0.48	U
814ZW	DIMETHOATE		1	U	1.9	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U	1	U	0.12	J	0.95	U	0.95	U	0.95	U
814ZW	DISULFOTON		1	U	1.9	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	0.96	U	1	U	0.95	U	0.95	U	0.95	U	0.95	U
814ZW	ETHYL PARATHION		0.78	U	1.4	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.72	U	0.76	U	0.71	U	0.71	U	0.71	U	0.71	U
814ZW	FAMPHUR		2.6	U	4.8	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.6	U	2.4	U	2.4	U	2.4	U	2.4	U
814ZW	METHYL PARATHION		0.16	U	0.29	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE		5.2	U	9.5	U	4.7	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	5.1	U	4.8	U	4.8	U	4.8	U	4.8	U
814ZW	PHORATE		0.78	U	1.4	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.72	U	0.76	U	0.71	U	0.71	U	0.71	U	0.71	U
814ZW	SULFOTEPP		0.52	U	0.95	U	0.47	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.51	U	0.48	U	0.057	J	0.48	U	0.48	U
814ZW	THIONAZIN		5.2	U	9.5	U	4.7	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	5.1	U	4.8	U	4.8	U	4.8	U	4.8	U
815ZW	2,4,5-T		0.22	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U
815ZW	2,4,5-TP (SILVEX)		0.19	U	0.16	U	0.16	U	0.16	U	0.16	U	0.17	U	0.067	J	0.17	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.41	J
815ZW	2,4-D		1.3	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.4	J	1.1	U	1.1	U	1.1	U	1.1	U
815ZW	DINOSEB		0.65		0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.15	U	0.14	U	0.52		R		0.068	J	0.14	U	0.14	U	0.14	U
8240W	1,1,1,2-TETRACHLOROETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,1,1-TRICHLOROETHANE		250	U	500	U	5	U	5	U	5	U	89	J	5	J	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,1,2,2-TETRACHLOROETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,1,2-TRICHLOROETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,1-DICHLOROETHANE		250	U	500	U	5	U	5	U	5	U	2.7	J	4	J	5	U	50	U	3.8	J	1200	U	250	U	5	U	5	U	5000	U
8240W	1,1-DICHLOROETHENE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,2,3-TRICHLOROPROPANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,2-DIBROMO-3-CHLOROPROPANE		1000	U	2000	U	20	U	20	U	20	U	R		20	U	20	U	200	U	20	U	5000	U	1000	U	20	U	20	U	20000	U
8240W	1,2-DIBROMOETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,2-DICHLOROETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	1,2-DICHLOROPROPANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	2-BUTANONE		500	U	1000	U	10	U	10	U	10	U	21	J	10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	2-CHLORO-1,3-BUTADIENE		1200	U	2500	U	25	U	25	U	25	U	R		25	U	25	U	250	U	25	U	6200	U	1200	U	25	U	25	U	25000	U
8240W	2-HEXANONE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	3-CHLOROPROPENE		250	U	500	U	5	U	5	U	5	U	5	U	5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	4-METHYL-2-PENTANONE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	ACETONE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	ACETONITRILE		1000	U	2000	U	20	U	20	U	20	U	R		20	U	20	U	200	U	20	U	5000	U	1000	U	20	U	20	U	20000	U
8240W	ACROLEIN		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
8240W	ACRYLONITRILE		2500	U	5000	U	50	U	50	U	50	U	R		50	U	50	U	500	U	50	U	12000	U	2500	U	50	U	50	U	50000	U
8240W	BENZENE		250	U	100	J	5	U	5	U	5	U	12	J	5	J	5	U	50	U	5	U	1200	U	84	J	5	U	5	U	5000	U
8240W	BROMODICHLOROMETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	BROMOFORM		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	BROMOMETHANE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	CARBON DISULFIDE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	CARBON TETRACHLORIDE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	CHLOROBENZENE		11000		9000		1.3	J	5	U	5	U	96	J	76	J	5	U	50	U	29		21000		5900		5	U	5	U	5000	U
8240W	CHLOROETHANE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	CHLOROFORM		250	U	500	U	5	U	2	J	5	U	8.4	J	5	U	5	U	50	U	5	U	1200	U	250	U	5	U	1.5	J	5	U
8240W	CHLOROMETHANE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	CIS-1,3-DICHLOROPROPENE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	DIBROMOCHLOROMETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	DIBROMOMETHANE		250	U	500	U	5	U	5	U	5	U	5	U	5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	DICHLORODIFLUOROMETHANE		1000	U	2000	U	20	U	20	U	20	U	R		20	U	20	U	200	U	20	U	5000	U	1000	U	20	U	20	U	20000	U
8240W	ETHYL METHACRYLATE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	ETHYLBENZENE		320		500	U	5	U	5	U	5	U	630		340		5	U	590		720		1100	J	250	U	5	U	5	U	5000	U
8240W	IODOMETHANE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	ISOBUTANOL		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240W	M&P-XYLENE		240	J	100	J	5	U	5	U	5	U	1600		990		5	U	2400	J	870		1100	J	77	J	5	U	5	U	1800	J
8240W	METHACRYLONITRILE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240W	METHYL METHACRYLATE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	METHYLENE CHLORIDE		450	U	440	U	5	U	5	U	5	U	8.4	U	5	U	5	U	19	U	5	U	9000	U	250	U	5	U	6.3	U	10	U
8240W	N-OCTANE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240W	O-XYLENE		48	J	54	J	5	U	5	U	5	U	550		390		5	U	630		150		200	J	45	J	5	U	5	U	5000	U
8240W	PENTACHLOROETHANE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240W	PROPANENITRILE		5000	U	10000	U	100	U	100	U	100	U	R		100	U	100	U	1000	U	100	U	25000	U	5000	U	100	U	100	U	100000	U
8240W	STYRENE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	TETRACHLOROETHENE		250	U	500	U	5	U	5	U	5	U	31	J	2	J	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	TOLUENE		250	U	1000		5	U	5		5	U	58000		26000	J	5	U	1500		1.8	J	1200	U	730		5	U	5	U	150000	J
8240W	TRANS-1,2-DICHLOROETHENE		250	U	140	J	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	130	J	5	U	5	U	5000	U
8240W	TRANS-1,3-DICHLOROPROPENE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	TRANS-1,4-DICHLORO-2-BUTENE		500	U	1000	U	10	U	10	U	10	U	10	U	10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	TRICHLOROETHENE		250	U	500	U	5	U	1	J	5	U	2.6	J	5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	TRICHLOROFLUOROMETHANE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	500	U	10	U	10	U	10000	U
8240W	VINYL ACETATE		250	U	500	U	5	U	5	U	5	U	R		5	U	5	U	50	U	5	U	1200	U	250	U	5	U	5	U	5000	U
8240W	VINYL CHLORIDE		500	U	1000	U	10	U	10	U	10	U	R		10	U	10	U	100	U	10	U	2500	U	600		10	U	10	U	10000	U
824DW	1,4-DIOXANE		10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U
824DW	ISOBUTANOL		10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U
824DW	METHACRYLONITRILE		10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U
8270W	1,1-BIPHENYL		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	1,2,4,5-TETRACHLOROBENZENE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U
8270W	1,2,4-TRICHLOROBENZENE		11	U	10	U	10	U	10	U	10	U	3	J	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	1	J
8270W	1,2-DICHLOROBENZENE		3	J	54		10	U	10	U	10	U	130		25		10	U	10	U	10	U	5	J	5	J	9.5	U	9.6	U	9.6	U	79	J
8270W	1,3,5-TRINITROBENZENE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	1,3-DICHLOROBENZENE		1	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	1	J	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	1,3-DINITROBENZENE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	1,4-DICHLOROBENZENE		1	J	1	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	3	J	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	1,4-DIOXANE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	1,4-NAPHTHOQUINONE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	1-NAPHTHYLAMINE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2&4-METHYLBENZENESULFONAMIDE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2,3,4,6-TETRACHLOROPHENOL		21	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U	19	U
8270W	2,4,5-TRICHLOROPHENOL		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2,4,6-TRICHLOROPHENOL		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2,4-DICHLOROPHENOL		11	U	10	U	10	U	10	U	10	U	390		12		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	1200	
8270W	2,4-DIMETHYLPHENOL		11	U	7	J	10	U	10	U	10	U	19		12		10	U	19		27		9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	23	J
8270W	2,4-DINITROPHENOL		53	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U
8270W	2,4-DINITROTOLUENE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2,5-CYCLOHEXADIENE-1,4-DIONE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	2,6-DICHLOROPHENOL		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	5	J
8270W	2,6-DINITROTOLUENE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2-ACETYLAMINOFLUORENE		53	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U	48	U
8270W	2-CHLORONAPHTHALENE		11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	9.6	U	9.5	U
8270W	2-CHLOROPHENOL		240		23		10	U	10	U	10	U	3	J	4	J	10	U	10	U	10	U	67		4	J	9.5	U	9.6	U	9.6	U	6	J
8270W	2-CYCLOHEXENE-1-OL		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	2-CYCLOHEXENE-1-ONE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

		SITE	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1
		LOCATOR	AOC13	AOC13	AOC13	AOI15	AOI15	SMU11	SMU11	SMU2
		SAMPLE NUMBER	MW-1S*IB-1	MW-2S*IB-1	MW-3S*IB-1	MW-16S*IB-1	MW-5S*IB-1	MW-14S*IB-1	MW-4S*IB-1	MW-10S*IB-1
		COLLECT DATE	12/6/90	1/15/91	1/11/91	1/14/91	1/15/91	1/14/91	1/14/91	1/10/91
			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8270W	2-METHYLNAPHTHALENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-METHYLPHENOL		11 U	5 J	10 U	10 U	10 U	160	49	10 U
8270W	2-NAPHTHYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-NITROANILINE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	2-NITROPHENOL		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-PICOLINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	3&4-METHYLPHENOL		NA	NA	NA	NA	NA	NA	NA	NA
8270W	3,3'-DICHLOROBENZIDINE		21 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	3,3'-DIMETHYLBENZIDINE		21 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	3,4'-DIMETHOXYACETOPHENONE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	3-METHYLCHOLANTHRENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	3-METHYLPHENOL		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	3-NITROANILINE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4,6-DINITRO-2-METHYLPHENOL		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-AMINOBIPHENYL		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	4-BROMOPHENYL-PHENYLETHER		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	4-CHLORO-3-METHYLPHENOL		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	4-CHLOROANILINE		6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	4-CHLOROPHENYL-PHENYLETHER		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	4-METHYLPHENOL		1 J	56	10 U	10 U	10 U	96	43	10 U
8270W	4-NITROANILINE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-NITROPHENOL		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-NITROQUINOLINE-N-OXIDE		R	95 U	95 U	95 U	95 U	95 U	95 U	96 U
8270W	5-NITRO-O-TOLUIDINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	ACENAPHTHENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	ACENAPHTHYLENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	ACETOPHENONE		3 J	10 U	10 U	10 U	10 U	15	7 J	10 U
8270W	ANILINE		3 J	10 U	10 U	10 U	10 U	19	2 J	10 U
8270W	ANTHRACENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	ARAMITE		110 U	95 U	95 U	95 U	95 U	95 U	95 U	96 U
8270W	BENZO(A)ANTHRACENE		11 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U
8270W	BENZO(A)PYRENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BENZO(B)FLUORANTHENE		11 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BENZO(G,H,I)PERYLENE		11 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BENZO(K)FLUORANTHENE		11 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BENZYL ALCOHOL		11 U	10 U	10 U	10 U	10 U	52	6 J	10 U
8270W	BIS(2-CHLOROETHOXY)METHANE		1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BIS(2-CHLOROETHYL)ETHER		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE		1 U	1 J	10 U	4 J	3 J	10 U	10 U	10 U
8270W	BUTAZOLIDIN		53 U	9 J	48 U	48 U	48 U	48 U	48 U	48 U
8270W	BUTYLBENZYLPHTHALATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	CHLOROBENZILATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	CHRYSENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DCDD		21 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	DCDF		21 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	DI-N-BUTYLPHTHALATE		11 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DI-N-OCTYLPHTHALATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIALLATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIBENZ(A,H)ANTHRACENE		11 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIBENZOFURAN		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIETHYLPHTHALATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIMETHYLPHENETHYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DIMETHYLPHTHALATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	DINOSEB		NA	NA	NA	NA	NA	NA	NA	NA
8270W	DIPHENYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	ETHYL METHANESULFONATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	FLUORANTHENE		11 U	10 U	8 J	10 U	10 U	10 U	10 U	10 U
8270W	FLUORENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	HEXACHLOROBENZENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	HEXACHLOROBUTADIENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	HEXACHLOROCYCLOPENTADIENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	HEXACHLOROETHANE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	HEXACHLOROPHENE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	HEXACHLOROPROPENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	INDENO(1,2,3-CD)PYRENE		11 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	IRGASAN DP-300		53 U	48 U	48 U	48 U	48 U	2300 J	22 J	48 U
8270W	ISOPHORONE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	ISOSAFROLE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	METHAPYRILENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	METHYL METHANESULFONATE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSO-DI-N-BUTYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSO-DI-N-PROPYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSODIETHYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSODIMETHYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSODIPHENYLAMINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSOMETHYLETHYLAMINE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	N-NITROSOMORPHOLINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSOPIPERIDINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	N-NITROSOPYRROLIDINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	NAPHTHALENE		7 J	26	10 U	10 U	10 U	9 J	4 J	10 U
8270W	NITROBENZENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	O,O,O-TRIETHYLPHOSPHOROTHIOATE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	O-TOLUIDINE		1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	P-DIMETHYLAMINOAZOBENZENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	P-PHENYLENEDIAMINE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	PENTACHLOROBENZENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PENTACHLOROETHANE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PENTACHLORONITROBENZENE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PENTACHLOROPHENOL		53 U	3 J	48 U	48 U	48 U	48 U	48 U	48 U
8270W	PHENACETIN		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PHENANTHRENE		11 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PHENOL		36	9 J	10 U	10 U	10 U	120	4 J	10 U
8270W	PRONAMIDE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	PROPAZINE		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	PYRENE		11 U	10 U	6 J	10 U	10 U	10 U	10 U	10 U
8270W	PYRIDINE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	SAFROLE		11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	TINUVIN 327		53 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	TINUVIN 328		NA	NA	NA	NA	NA	NA	NA	NA
8270W	TOFRANIL		53 U	48 U	48 U	48 U	48 U	48 U	R	48 U
8270W	TRCDD		21 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	TRCDF		21 U	19 U	19 U	19 U	19 U	16 J	19 U	19 U
SOWZW	1,2,3,4,6,7,8-HPCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,6,7,8-HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8,9-HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,6,7,8-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,6,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8,9-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8,9-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8-PECDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8-PECDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,4,6,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,4,7,8-PECDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,7,8-TCDD		R	R	R	R	R	R	R	R
SOWZW	2,3,7,8-TCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HPCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HXCDD		R	R	R	R	R	R	R	R
SOWZW	HXCDF		R	R	R	R	R	R	R	R
SOWZW	OCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	OCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	PECDD		R	R	R	R	R	R	R	R
SOWZW	PECDF		R	R	R	R	R	R	R	R
SOWZW	TCDD		R	R	R	R	R	R	R	R
SOWZW	TCDF		R	R	R	R	R	R	R	R

		SITE	IB-1	IB-1	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2
		LOCATOR	SMU7	SMU8	AOC13	AOC13	AOC13	AOI15	AOI15	SMU11
		SAMPLE NUMBER	MW-12S*IB-1	MW-13S*IB-1	MW-1S*IB-2	MW-2S*IB-2	MW-3S*IB-2	MW-16S*IB-2	MW-5S*IB-2	MW-14S*IB-2
		COLLECT DATE	1/15/91	1/10/91	4/23/91	4/23/91	4/19/91	4/22/91	4/22/91	4/18/91
			Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8270W	2-METHYLNAPHTHALENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	2-METHYLPHENOL		17	4 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	390
8270W	2-NAPHTHYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	2-NITROANILINE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	12 J
8270W	2-NITROPHENOL		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	2-PICOLINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	3&4-METHYLPHENOL		NA	NA	NA	NA	NA	NA	NA	NA
8270W	3,3'-DICHLOROBENZIDINE		19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	3,3'-DIMETHYLBENZIDINE		19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	3,4'-DIMETHOXYACETOPHENONE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	3-METHYLCHOLANTHRENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	3-METHYLPHENOL		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	3-NITROANILINE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4,6-DINITRO-2-METHYLPHENOL		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-AMINOBIPHENYL		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	4-BROMOPHENYL-PHENYLETHER		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	4-CHLORO-3-METHYLPHENOL		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	20
8270W	4-CHLOROANILINE		10 U	10 U	10	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	4-CHLOROPHENYL-PHENYLETHER		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	4-METHYLPHENOL		1100	23	2 J	6 J	9.5 U	9.6 U	9.6 U	140
8270W	4-NITROANILINE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-NITROPHENOL		48 U	8 J	48 U	48 U	48 U	48 U	48 U	48 U
8270W	4-NITROQUINOLINE-N-OXIDE		95 U	95 U	R	R	R	R	R	R
8270W	5-NITRO-O-TOLUIDINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	ACENAPHTHENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	ACENAPHTHYLENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	ACETOPHENONE		1 J	5 J	7 J	9.6 U	9.5 U	9.6 U	9.6 U	43 J
8270W	ANILINE		10 U	19	5 J	9.6 U	9.5 U	9.6 U	9.6 U	5 J
8270W	ANTHRACENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	ARAMITE		95 U	95 U	96 U	96 U	95 U	96 U	96 U	95 U
8270W	BENZO(A)ANTHRACENE		10 U	10 U	9.6 U	9.6 U	1 J	9.6 U	9.6 U	9.5 U
8270W	BENZO(A)PYRENE		10 U	2 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	BENZO(B)FLUORANTHENE		10 U	1 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	1 J
8270W	BENZO(G,H,I)PERYLENE		10 U	3 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	BENZO(K)FLUORANTHENE		10 U	2 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	1 J
8270W	BENZYL ALCOHOL		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	140
8270W	BIS(2-CHLOROETHOXY)METHANE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	BIS(2-CHLOROETHYL)ETHER		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE		2 J	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	BUTAZOLIDIN		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	BUTYLBENZYLPHTHALATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	CHLOROBENZILATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	CHRYSENE		10 U	10 U	9.6 U	9.6 U	0.7 J	9.6 U	9.6 U	9.5 U
8270W	DCDD		19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	DCDF		19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	DI-N-BUTYLPHTHALATE		10 U	10 U	1 J	9.6 U	0.38 J	9.6 U	9.6 U	9.5 U
8270W	DI-N-OCTYLPHTHALATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DIALLATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DIBENZ(A,H)ANTHRACENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DIBENZOFURAN		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DIETHYLPHTHALATE		10 U	10 U	1 J	1 J	0.9 J	9.6 U	9.6 U	1 J
8270W	DIMETHYLPHENETHYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DIMETHYLPHTHALATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	DINOSEB		NA	NA	NA	NA	NA	NA	NA	NA
8270W	DIPHENYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	ETHYL METHANESULFONATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	FLUORANTHENE		10 U	10 U	9.6 U	9.6 U	7.4 J	9.6 U	9.6 U	9.5 U
8270W	FLUORENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	HEXACHLOROBENZENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	HEXACHLOROBUTADIENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	HEXACHLOROCYCLOPENTADIENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	HEXACHLOROETHANE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	HEXACHLOROPHENE		NA	NA	1900 U	1900 U	1900 U	1900 U	1900 U	1900 U
8270W	HEXACHLOROPROPENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	INDENO(1,2,3-CD)PYRENE		10 U	3 J	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	IRGASAN DP-300		48 U	10 J	48 U	48 U	48 U	48 U	48 U	590
8270W	ISOPHORONE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	ISOSAFROLE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	METHAPYRILENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	METHYL METHANESULFONATE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSO-DI-N-BUTYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSO-DI-N-PROPYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSODIETHYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSODIMETHYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSODIPHENYLAMINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSOMETHYLETHYLAMINE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	N-NITROSOMORPHOLINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSOPIPERIDINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	N-NITROSOPYRROLIDINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	NAPHTHALENE		2 J	1 J	11	2 J	9.5 U	9.6 U	9.6 U	8 J
8270W	NITROBENZENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	O,O,O-TRIETHYLPHOSPHOROTHIOATE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA	NA	NA	NA	NA	NA	NA	NA
8270W	O-TOLUIDINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	P-DIMETHYLAMINOAZOBENZENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	P-PHENYLENEDIAMINE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	PENTACHLOROBENZENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PENTACHLOROETHANE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PENTACHLORONITROBENZENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PENTACHLOROPHENOL		48 U	48 U	R	48 U	48 U	48 U	48 U	48 U
8270W	PHENACETIN		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PHENANTHRENE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PHENOL		17	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	410
8270W	PRONAMIDE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	PROPAZINE		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	PYRENE		10 U	2 J	9.6 U	9.6 U	3.6 J	9.6 U	9.6 U	9.5 U
8270W	PYRIDINE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	SAFROLE		10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	9.6 U	9.5 U
8270W	TINUVIN 327		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	TINUVIN 328		NA	NA	NA	NA	NA	NA	NA	NA
8270W	TOFRANIL		48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
8270W	TRCDD		19 U	19 U	19 U	19 U	19 U	19 U	19 U	19 U
8270W	TRCDF		19 U	19 U	19 U	19 U	19 U	19 U	19 U	30
SOWZW	1,2,3,4,6,7,8-HPCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,6,7,8-HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8,9-HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,4,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,6,7,8-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,6,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8,9-HXCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8,9-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8-PECDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	1,2,3,7,8-PECDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,4,6,7,8-HXCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,4,7,8-PECDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	2,3,7,8-TCDD		R	R	R	R	R	R	R	R
SOWZW	2,3,7,8-TCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HPCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HPCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	HXCDD		R	R	R	R	R	R	R	R
SOWZW	HXCDF		R	R	R	R	R	R	R	R
SOWZW	OCDD		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	OCDF		NA	NA	NA	NA	NA	NA	NA	NA
SOWZW	PECDD		R	R	R	R	R	R	R	R
SOWZW	PECDF		R	R	R	R	R	R	R	R
SOWZW	TCDD		R	R	R	R	R	R	R	R
SOWZW	TCDF		R	R	R	R	R	R	R	R

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTI[illegible]A
SHALLOW GROUNDWATER
ORGANIC DATA

	SITE	IB-2	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	II-S	II-S	II-S
	LOCATOR	SMU11	SMU2	SMU7	SMU6	AOC13	AOC13	AOC13	AOI16	SMU11	SMU11	SMU2	SMU7	SMU6	SMU6	AOC13	AOC13	AOC13
	SAMPLE NUMBER	MW-4S*1B-2	MW-10S*1B-2	MW-12S*1B-2	MW-13S*1B-2	MW-1S*1B-3	MW-2S*1B-3	MW-3S*1B-3	MW-16S*1B-3	MW-14S*1B-3	MW-4S*1B-3	MW-10S*1B-3	MW-12S*1B-3	MW-13S*1B-3	MW-20S*11-S	MW-22S*11-S	MW-23S*11-S	
	COLLECT DATE	4/19/91	4/17/91	4/22/91	4/22/91	9/12/91	9/17/91	9/17/91	9/16/91	9/11/91	9/16/91	9/13/91	9/16/91	9/13/91	8/4/92	8/4/92	8/4/92	
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	
8080W	4,4'-DDD	0.95 U	0.0094 U	0.95 U	0.95 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	4,4'-DDE	0.95 U	0.0094 U	0.95 U	0.95 U	0.3 J	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	4,4'-DDT	1.9 U	0.011 J	1.9 U	1.9 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	ALDRIN	0.95 U	0.013	0.95 U	0.95 U	0.05 U	2.5 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	ALPHA-BHC	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	ALPHA-CHLORDANE	0.95 U	0.0094 U	0.95 U	0.95 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.05 U	0.05 U	0.05 U	
8080W	BETA-BHC	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	CHLOROBENZILATE	NA	NA	NA	NA	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	0.5 U	0.5 U	0.5 U	
8080W	DELTA-BHC	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	DIELDRIN	0.95 U	0.012	0.95 U	0.95 U	0.1 U	2 U	0.1 U	0.1 U	R	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	ENDOSULFAN I	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	ENDOSULFAN II	2.9 U	0.028 U	2.9 U	2.9 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	ENDOSULFAN SULFATE	4.8 U	0.047 U	4.8 U	4.8 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	ENDRIN	0.95 U	0.0094 U	0.95 U	0.95 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	ENDRIN ALDEHYDE	1.9 U	0.019 U	1.9 U	1.9 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U	
8080W	GAMMA-BHC	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	GAMMA-CHLORDANE	0.95 U	0.0094 U	0.95 U	0.95 U	0.1 U	2 U	0.1 U	0.1 U	1 U	1 U	0.1 U	0.5 U	1 U	0.05 U	0.05 U	0.05 U	
8080W	HEPTACHLOR	0.95 U	0.0094 U	0.95 U	0.95 U	0.19	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	HEPTACHLOR EPOXIDE	0.95 U	0.0094 U	0.95 U	0.95 U	0.05 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.05 U	0.05 U	0.05 U	
8080W	ISODRIN	0.95 U	0.0094 U	0.95 U	0.95 U	0.02 U	0.4 U	0.02 U	0.02 U	0.2 U	0.2 U	0.02 U	0.1 U	0.2 U	0.05 U	0.05 U	0.05 U	
8080W	KEPONE	0.95 U	0.0094 U	0.95 U	0.95 U	5 U	1 U	0.05 U	0.05 U	0.5 U	0.5 U	0.05 U	0.25 U	0.5 U	0.1 U	0.1 U	0.1 U	
8080W	METHOXYCHLOR	4.8 U	0.047 U	4.8 U	4.8 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	0.5 U	0.5 U	0.5 U	
8080W	PCB-1016	9.5 U	0.094 U	9.5 U	9.5 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	1 U	1 U	1 U	
8080W	PCB-1221	19 U	0.19 U	19 U	19 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	2 U	2 U	2 U	
8080W	PCB-1232	19 U	0.19 U	19 U	19 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	1 U	1 U	1 U	
8080W	PCB-1242	9.5 U	0.094 U	9.5 U	9.5 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	1 U	1 U	1 U	
8080W	PCB-1248	9.5 U	0.094 U	9.5 U	9.5 U	0.5 U	10 U	0.5 U	0.5 U	5 U	5 U	0.5 U	2.5 U	5 U	1 U	1 U	1 U	
8080W	PCB-1254	19 U	0.19 U	19 U	19 U	1 U	20 U	1 U	1 U	10 U	10 U	1 U	5 U	10 U	1 U	1 U	1 U	
8080W	PCB-1260	19 U	0.19 U	30	19 U	1 U	20 U	1 U	1 U	10 U	10 U	1 U	22 J	10 U	1 U	1 U	1 U	
8080W	TOXAPHENE	48 U	0.47 U	48 U	48 U	1 U	20 U	1 U	1 U	10 U	10 U	1 U	5 U	10 U	5 U	5 U	5 U	
814ZW	DIMETHOATE	0.95 U	0.94 U	0.95 U	0.12 J	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	10 U	10 U	10 U	
814ZW	DISULFOTON	0.95 U	0.94 U	0.95 U	0.95 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2 U	2 U	2 U	
814ZW	ETHYL PARATHION	0.71 U	0.71 U	0.71 U	0.71 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	1 U	1 U	1 U	
814ZW	FAMPHUR	0.1 J	2.4 U	2.4 U	2.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.5 U	2.5 U	2.5 U	
814ZW	METHYL PARATHION	0.14 U	0.14 U	0.14 U	0.14 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.8 U	4.7 U	4.8 U	4.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
814ZW	PHORATE	0.71 U	0.71 U	0.71 U	0.71 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	1 U	1 U	1 U	
814ZW	SULFOTEPP	0.48 U	0.47 U	0.48 U	0.48 U	0.6 U	0.82	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U	
814ZW	THIONAZIN	4.8 U	4.7 U	4.8 U	4.8 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	1 U	1 U	1 U	
815ZW	2,4,5-T	0.19 U	0.19 U	0.19 U	0.19 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U	
815ZW	2,4,5-TP (SILVEX)	0.16 U	0.16 U	0.16 U	0.16 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U	
815ZW	2,4-D	1.1 U	1.1 U	1.1 U	1.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
815ZW	DINOSEB	0.14 U	0.14 U	0.14 U	0.14 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
8240W	1,1,1,2-TETRACHLOROETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,1,1-TRICHLOROETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,1,2,2-TETRACHLOROETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,1,2-TRICHLOROETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,1-DICHLOROETHANE	100 U	5 U	5 U	2.9 J	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,1-DICHLOROETHENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,2,3-TRICHLOROPROPANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,2-DIBROMO-3-CHLOROPROPANE	400 U	20 U	20 U	20 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
8240W	1,2-DIBROMOETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,2-DICHLOROETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	1,2-DICHLOROPROPANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	2-BUTANONE	200 U	10 U	10 U	10 U	10000 U	10000 U	100 U	100 U	R	1000 U	100 U	1000 U	500 U	R	R	R	
8240W	2-CHLORO-1,3-BUTADIENE	500 U	25 U	25 U	25 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	2-HEXANONE	200 U	10 U	10 U	10 U	5000 U	5000 U	50 U	50 U	12500 U	5000 U	50 U	500 U	250 U	50 U	250 U	50 U	
8240W	3-CHLOROPROPENE	100 U	5 U	5 U	5 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	5 U	25 U	5 U	
8240W	4-METHYL-2-PENTANONE	200 U	10 U	10 U	10 U	5000 U	5000 U	50 U	50 U	12500 U	5000 U	50 U	500 U	250 U	50 U	250 U	50 U	
8240W	ACETONE	200 U	10 U	10 U	10 U	10000 U	10000 U	100 U	100 U	25000 U	10000 U	100 U	1000 U	500 U	50 U	250 U	50 U	
8240W	ACETONITRILE	400 U	20 U	20 U	20 U	50000 U	50000 U	500 U	500 U	R	50000 U	500 U	5000 U	2500 U	R	R	R	
8240W	ACROLEIN	R	R	R	R	10000 U	10000 U	100 U	100 U	R	10000 U	100 U	1000 U	500 U	R	R	R	
8240W	ACRYLONITRILE	1000 U	50 U	50 U	50 U	10000 U	10000 U	100 U	100 U	25000 U	10000 U	100 U	1000 U	500 U	100 U	500 U	100 U	
8240W	BENZENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	BROMODICHLOROMETHANE	100 U	5 U	5 U	5 U	500 U	1000 U	10 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	BROMOFORM	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	BROMOMETHANE	200 U	10 U	10 U	10 U	1000 U	500 U	5 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
8240W	CARBON DISULFIDE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	CARBON TETRACHLORIDE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	CHLOROBENZENE	76 J	5 U	5 U	9.4	18000	4200	3.4 J	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	640	7.1	
8240W	CHLOROETHANE	200 U	10 U	10 U	10 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
8240W	CHLOROFORM	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	CHLOROMETHANE	200 U	10 U	10 U	10 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
8240W	CIS-1,3-DICHLOROPROPENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	DIBROMOCHLOROMETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	DIBROMOMETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	DICHLORODIFLUOROMETHANE	400 U	20 U	20 U	20 U	5000 U	5000 U	50 U	50 U	12500 U	5000 U	50 U	500 U	250 U	5 U	25 U	5 U	
8240W	ETHYL METHACRYLATE	200 U	10 U	10 U	10 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	ETHYLBENZENE	410 J	5 U	530 J	37 J	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	350	280	5 U	25 U	5 U	
8240W	IODOMETHANE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	630 J	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	ISOBUTANOL	NA	NA	NA	NA	100000 U	100000 U	1000 U	1000 U	R	100000 U	1000 U	10000 U	5000 U	R	R	R	
8240W	M&P-XYLENE	1200	5 U	2000 J	4.6 J	340 J	500 U	5 U	5 U	910 J	950	5 U	7800	580	5 U	25 U	5 U	
8240W	METHACRYLONITRILE	NA	NA	NA	NA	10000 U	10000 U	100 U	100 U	25000 U	10000 U	100 U	1000 U	500 U	100 U	500 U	100 U	
8240W	METHYL METHACRYLATE	200 U	10 U	10 U	10 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	METHYLENE CHLORIDE	1000 U	5 U	880 U	18 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	N-OCTANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	R	R	5 U	
8240W	O-XYLENE	430 J	5 U	360 J	2.1 J	500 U	500 U	5 U	5 U	1250 U	400	5 U	3300	220	5 U	25 U	5 U	
8240W	PENTACHLOROETHANE	NA	NA	NA	NA	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	25 U	130 U	25 U	
8240W	PROPANENITRILE	2000 U	100 U	100 U	100 U	10000 U	10000 U	100 U	100 U	25000 U	10000 U	100 U	1000 U	500 U	100 U	500 U	100 U	
8240W	STYRENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	TETRACHLOROETHENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	TOLUENE	36000	1.6 J	26 J	5 U	500 U	500 U	5 U	5 U	46000	20000	5 U	130	14 J	5 U	25 U	5 U	
8240W	TRANS-1,2-DICHLOROETHENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	TRANS-1,3-DICHLOROPROPENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	TRANS-1,4-DICHLORO-2-BUTENE	200 U	10 U	10 U	10 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	R	R	R	
8240W	TRICHLOROETHENE	100 U	5 U	5 U	5 U	500 U	500 U	5 U	5 U	1250 U	500 U	5 U	50 U	25 U	5 U	25 U	5 U	
8240W	TRICHLOROFLUOROMETHANE	200 U	10 U	10 U	10 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	5 U	25 U	5 U	
8240W	VINYL ACETATE	100 U	5 U	5 U	5 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
8240W	VINYL CHLORIDE	200 U	10 U	10 U	10 U	1000 U	1000 U	10 U	10 U	2500 U	1000 U	10 U	100 U	50 U	10 U	50 U	10 U	
824DW	1,4-DIOXANE	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
824DW	ISOBUTANOL	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
824DW	METHACRYLONITRILE	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
8270W	1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	0.076 J	10 U	
8270W	1,2,4,5-TETRACHLOROBENZENE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,2,4-TRICHLOROBENZENE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,2-DICHLOROBENZENE	27	9.4 U	9.6 U	9.6 U	3.8 J	47	10 U	10 U	230 D	32	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,3,5-TRINITROBENZENE	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	200 U	200 U	200 U	
8270W	1,3-DICHLOROBENZENE	9.6 U	9.4 U	9.6 U	9.6 U	0.88 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,3-DINITROBENZENE	9.6 U	9.4 U	9.6 U	9.6 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U	
8270W	1,4-DICHLOROBENZENE	9.6 U	9.4 U	9.6 U	9.6 U	1.6 J	10 U	10 U	10 U	2.2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,4-DIOXANE	NA	NA	NA	NA	2.4 J	10 U	10 U	10 U	45	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1,4-NAPHTHOQUINONE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	1-NAPHTHYLAMINE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2&4-METHYLBENZENESULFONAMIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2,3,4,6-TETRACHLOROPHENOL	19 U	19 U	19 U	19 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	
8270W	2,4,5-TRICHLOROPHENOL	9.6 U	9.4 U	9.6 U	9.6 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U	
8270W	2,4,6-TRICHLOROPHENOL	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2,4-DICHLOROPHENOL	10	9.4 U	9.6 U	9.6 U	1.4 J	10 U	10 U	10 U	620 J	20	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2,4-DIMETHYLPHENOL	10	9.4 U	42	3 J	4.7 J	8.9 J	10 U	10 U	30	12	10 U	8.1 J	5.8 J	10 U	10 U	10 U	
8270W	2,4-DINITROPHENOL	48 U	47 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
8270W	2,4-DINITROTOLUENE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2,5-CYCLOHEXADIENE-1,4-DIONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	
8270W	2,6-DICHLOROPHENOL	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2,6-DINITROTOLUENE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2-ACETYLAMINOFLUORENE	48 U	47 U	48 U	48 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	
8270W	2-CHLORONAPHTHALENE	9.6 U	9.4 U	9.6 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2-CHLOROPHENOL	9.6 U	9.4 U	9.6 U	9.6 U	86	35	10 U	10 U	7.1 J	3.6 J	10 U	10 U	10 U	10 U	10 U	10 U	
8270W	2-CYCLOHEXENE-1-OL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.7 J	10 U	10 U	
8270W	2-CYCLOHEXENE-1-ONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.79 J	0.87 J	0.65 J	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTION AREA
SHALLOW GROUNDWATER
ORGANIC DATA

	SITE	IB-2		IB-2		IB-2		IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		II-S		II-S		II-S	
	LOCATOR	SMU11		SMU2		SMU7		SMU8		AOC13		AOC13		AOC13		AOI15		SMU11		SMU11		SMU2		SMU7		SMU8		AOC13		AOC13		AOC13	
	SAMPLE NUMBER	MW-4S*IB-2		MW-10S*IB-2		MW-12S*IB-2		MW-13S*IB-2		MW-1S*IB-3		MW-2S*IB-3		MW-3S*IB-3		MW-16S*IB-3		MW-14S*IB-3		MW-4S*IB-3		MW-10S*IB-3		MW-12S*IB-3		MW-13S*IB-3		MW-20S*II-S		MW-22S*II-S		MW-23S*II-S	
	COLLECT DATE	4/19/91		4/17/91		4/22/91		4/22/91		9/12/91		9/17/91		9/17/91		9/16/91		9/11/91		9/16/91		9/13/91		9/16/91		9/13/91		8/4/92		8/4/92		8/4/92	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
0W	2-METHYLNAPHTHALENE	9.6	U	9.4	U	9.6	U	9.6	U	1.2	J	0.6	J	10	U	10	U	10	U	10	U	10	U	10	U	0.7	J	10	U	10	U	10	U
0W	2-METHYLPHENOL	41		9.4	U	1.7	J	9.6	U	0.73	J	4.9	J	10	U	10	U	400	D	45		10	U	5.3	J	10	U	10	U	10	U	10	U
0W	2-NAPHTHYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
0W	2-NITROANILINE	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
0W	2-NITROPHENOL	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
0W	2-PICOLINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	200	U	200	U	200	U
0W	3&4-METHYLPHENOL	NA		NA		NA		NA		2.2	J	38		10	U	10	U	190	D	32		10	U	340	D	16		10	U	10	U	10	U
70W	3,3'-DICHLOROBENZIDINE	19	U	19	U	19	U	19	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
70W	3,3'-DIMETHYLBENZIDINE	19	U	19	U	19	U	19	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	200	U	200	U	200	U
70W	3,4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U
70W	3-METHYLCHOLANTHRENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	3-METHYLPHENOL	9.6	U	9.4	U	9.6	U	9.6	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	3-NITROANILINE	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
70W	4,6-DINITRO-2-METHYLPHENOL	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
70W	4-AMINOBIPHENYL	9.6	U	9.4	U	9.6	U	9.6	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U
70W	4-BROMOPHENYL-PHENYLETHER	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	4-CHLORO-3-METHYLPHENOL	5.2	J	9.4	U	9.6	U	9.6	U	10	U	26		10	U	10	U	23	J	16		10	U	10	U	10	U	10	U	10	U	10	U
70W	4-CHLOROANILINE	9.6	U	9.4	U	9.6	U	9.6	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U	20	U	20	U	20	U
70W	4-CHLOROPHENYL-PHENYLETHER	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	4-METHYLPHENOL	23		9.4	U	4.1	J	9.6	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	4-NITROANILINE	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
70W	4-NITROPHENOL	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
70W	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	R		R		R	
70W	5-NITRO-O-TOLUIDINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	7,12-DIMETHYLBENZ(A)ANTHRACENE	48	U	47	U	48	U	48	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ACENAPHTHENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ACENAPHTHYLENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ACETOPHENONE	6.4	J	9.4	U	12		9.6	U	2.1	J	10	U	10	U	10	U	38		7.1	J	10	U	1.4	J	6.3	J	10	U	10	U	10	U
70W	ANILINE	1.4	J	9.4	U	9.6	U	1.5	J	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	1.4	J	50	U	50	U	50	U
70W	ANTHRACENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ARAMITE	96	U	94	U	96	U	96	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	R		R		R	
70W	BENZO(A)ANTHRACENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BENZO(A)PYRENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BENZO(B)FLUORANTHENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BENZO(G,H,I)PERYLENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BENZO(K)FLUORANTHENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BENZYL ALCOHOL	8.4	J	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	140	D	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BIS(2-CHLOROETHOXY)METHANE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	BIS(2-CHLOROETHYL)ETHER	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	1.8	J	10	U	10	U	10	U
70W	BIS(2-ETHYLHEXYL)PHTHALATE	9.6	U	9.4	U	9.6	U	9.6	U	4.2	U	1.1	U	1.1	U	7.3	J	10	U	1.3	J	0.8	U	10	U	13	U	10	U	0.62	J	10	U
70W	BUTAZOLIDIN	48	U	47	U	48	U	48	U	8.2	J	19	J	500	U	500	U	500	U	500	U	500	U	500	U	8.2	J	50	U	50	U	50	U
70W	BUTYLBENZYLPHTHALATE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	0.6	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	CHLOROBENZILATE	9.6	U	9.4	U	9.6	U	9.6	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	CHRYSENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DCDD	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		0	U	0	U	0	U
70W	DCDF	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		0	U	0	U	0	U
70W	DI-N-BUTYLPHTHALATE	0.7	J	9.4	U	9.6	U	0.53	J	10	U	2.4	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DI-N-OCTYLPHTHALATE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DIALLATE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DIBENZ(A,H)ANTHRACENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DIBENZOFURAN	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DIETHYLPHTHALATE	1.6	J	9.4	U	9.6	U	0.72	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DIMETHYLPHENETHYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
70W	DIMETHYLPHTHALATE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	DINOSEB	NA		NA		NA		NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	10	U	50	U	10	U	10	U	10	U
70W	DIPHENYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ETHYL METHANESULFONATE	9.6	U	9.4	U	9.6	U	9.6	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U
70W	FLUORANTHENE	9.6	U	9.4	U	9.6	U	0.72	J	10	U	0.3	J	9.2	J	10	U	10	U	10	U	10	U	10	U	0.4	J	0.15	J	0.19	J	0.31	J
70W	FLUORENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	HEXACHLOROBENZENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	HEXACHLOROBUTADIENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	HEXACHLOROCYCLOPENTADIENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	HEXACHLOROETHANE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	HEXACHLOROPHENE	1900	U	1900	U	1900	U	1900	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	HEXACHLOROPROPENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	INDENO(1,2,3-CD)PYRENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	IRGASAN DP-300	32	J	47	U	48	U	3.8	J	100	U	100	U	100	U	100	U	1500	J	18	J	100	U	100	U	6.6	J	10	U	10	U	10	U
70W	ISOPHORONE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	ISOSAFROLE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	METHAPYRILENE	9.6	U	9.4	U	9.6	U	9.6	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
70W	METHYL METHANESULFONATE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSO-DI-N-BUTYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSO-DI-N-PROPYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSODIETHYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
70W	N-NITROSODIMETHYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSODIPHENYLAMINE	9.6	U	9.4	U	9.6	U	9.6	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSOMORPHOLINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	N-NITROSOPIPERIDINE	9.6	U	9.4	U	9.6	U	9.6	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
70W	N-NITROSOPYRROLIDINE	9.6	U	9.4	U	9.6	U	9.6	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	10	U	10	U	10	U
70W	NAPHTHALENE	3.4	J	9.4	U	6.8	J	9.6	U	9.5	J	12		10	U	10	U	12		5.4	J	10	U	4	J	0.8	J	10	U	10	U	10	U
70W	NITROBENZENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U
70W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA		NA		NA	
70W	O-TOLUIDINE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	P-DIMETHYLAMINOAZOBENZENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	P-PHENYLENEDIAMINE	48	U	47	U	48	U	48	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
70W	PENTACHLOROBENZENE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	PENTACHLOROETHANE	9.6	U	9.4	U	9.6	U	9.6	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
70W	PENTACHLORONITROBENZENE	9.6	U	9.4	U	9.6	U	9.6	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	10	U	10	U	10	U
70W	PENTACHLOROPHENOL	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
70W	PHENACETIN	9.6	U	9.4	U	9.6	U	9.6	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
70W	PHENANTHRENE	9.6	U	9.4	U	9.6	U	0.78	J	10	U	0.9	J	10	U	10	U	10	U	370	J	8.5	J	10	U	10	U	10	U	10	U	10	U
70W	PHENOL	4.9	J	9.4	U	9.6	U	9.6	U	16		15		10	U	10	U	370	J	8.5	J	10	U	10	U	10	U	10	U	10	U	10	U
70W	PRONAMIDE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	PROPAZINE	48	U	47	U	48	U	48	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	20	U	20	U	20	U
70W	PYRENE	9.6	U	9.4	U	9.6	U	0.7	J	10	U	0.2	J	8.1	J	10	U	10	U	10	U	10	U	10	U	0.3	J	0.16	J	0.21	J	0.095	J
70W	PYRIDINE	9.6	U	9.4	U	9.6	U	9.6	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	200	U	200	U	200	U
70W	SAFROLE	9.6	U	9.4	U	9.6	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
70W	TINUVIN 327	48	U	47	U	1.4	J	48	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	3	J	NA		NA		NA	
70W	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	0.22	J
70W	TOPRANIL	48	U	47	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	100	U	100	U
70W	TRCDD	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		0	U	0	U	0	U
70W	TRCDF	19	U	19	U	4.4	J	19	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		0	U	0	U	0	U
0WZW	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0018	U	0.002	U	0.0012	U
0WZW	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00074	U	0.001	U	0.00062	U
0WZW	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0011	U	0.0016	U	0.00095	U
0WZW	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0014	U	0.0018	U	0.0015	U
0WZW	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00072	U	0.00078	U	0.0008	U
0WZW	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0015	U	0.0019	U	0.0016	U
0WZW	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00076	U	0.00082	U	0.00084	U
0WZW	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.001	U	0.0013	U	0.0011	U
0WZW	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00078	U	0.00084	U	0.00086	U
0WZW	1,2,3,7,8-PECDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00067	U	0.0006	U	0.00068	U
0WZW	1,2,3,7,8-PECDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00038	U	0.00054	U	0.00031	U
0WZW	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00065	U	0.00069	U	0.00071	U
0WZW	2,3,4,7,8-PECDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00076	U	0.0011	U	0.00067	U
0WZW	2,3,7,8-TCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00067	U	0.00047	U	0.00075	U
0WZW	2,3,7,8-TCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.00038	U	0.00052	U	0.00039	U
0WZW	HPCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0018	U	0.002	U	0.0012	U
0WZW	HPCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0011	U	0.0016	U	0.00095	U
0WZW	HXCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		0.0015	U	0.0019	U	0.0016	U
0WZW	HXCDF	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00078	U	0.00084	U	0.00086	U
0WZW	OCDD	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0031	U	0.0042	U	0.0026	U
0WZW	OCDF	NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		0.0019	U	0.0029	U	0.0022	U
0WZW	PECDD	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00067	U	0.0006	U	0.00068	U
0WZW	PECDF	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00076	U	0.0011	U	0.00067	U
0WZW	TCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00067	U	0.00047	U	0.00075	U
0WZW	TCDF	R		R		R		R		R		R		R		R		R		R		R		R		R		0.00038	U	0.00052	U	0.00039	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTION AREA
SHALLOW GROUNDWATER
ORGANIC DATA

		SITE	II-S		II-S		II-S		II-S		II-S		II-S	
		LOCATOR	AOC13		AOC13		AOC13		AOC13		SMU11		SMU11	
		SAMPLE NUMBER	MW-24S*II-S		MW-29S*II-S		MW-30S*II-S		MW-31S*II-S		MW-21S*II-S		MW-21SDUP*II-S	
		COLLECT DATE	8/4/92		8/6/92		8/6/92		8/6/92		8/5/92		8/5/92	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080W	4,4'-DDD		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	4,4'-DDE		0.1	U	0.1	U	0.1	U	0.1	U	1	U	1	U
8080W	4,4'-DDT		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	ALDRIN		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	ALPHA-BHC		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	ALPHA-CHLORDANE		0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.5	U
8080W	BETA-BHC		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	CHLOROBENZILATE		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8080W	DELTA-BHC		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	DIELDRIN		0.1	U	0.1	U	0.1	U	0.1	U	1	U	1	U
8080W	ENDOSULFAN I		0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.5	U
8080W	ENDOSULFAN II		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	ENDOSULFAN SULFATE		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	ENDRIN		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	ENDRIN ALDEHYDE		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	GAMMA-BHC		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	GAMMA-CHLORDANE		0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.5	U
8080W	HEPTACHLOR		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	HEPTACHLOR EPOXIDE		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	ISODRIN		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8080W	KEPONE		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
8080W	METHOXYCHLOR		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
8080W	PCB-1016		1	U	1	U	1	U	1	U	1	U	1	U
8080W	PCB-1221		2	U	2	U	2	U	2	U	2	U	2	U
8080W	PCB-1232		1	U	1	U	1	U	1	U	1	U	1	U
8080W	PCB-1242		1	U	1	U	1	U	1	U	1	U	1	U
8080W	PCB-1248		1	U	1	U	1	U	1	U	1	U	1	U
8080W	PCB-1254		1	U	1	U	1	U	1	U	1	U	1	U
8080W	PCB-1260		1	U	1	U	1	U	1	U	1	U	1	U
8080W	TOXAPHENE		5	U	5	U	5	U	5	U	5	U	5	U
814ZW	DIMETHOATE		10	U	10	U	10	U	10	U	10	U	10	U
814ZW	DISULFOTON		2	U	2	U	2	U	2	U	2	U	2	U
814ZW	ETHYL PARATHION		1	U	1	U	1	U	1	U	1	U	1	U
814ZW	FAMPHUR		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
814ZW	METHYL PARATHION		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA		NA		NA		NA		NA		NA	
814ZW	PHORATE		1	U	1	U	1	U	1	U	1	U	1	U
814ZW	SULFOTEPP		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
814ZW	THIONAZIN		1	U	1	U	1	U	1	U	1	U	1	U
815ZW	2,4,5-T		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
815ZW	2,4,5-TP (SILVEX)		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
815ZW	2,4-D		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
815ZW	DINOSEB		NA		NA		NA		NA		NA		NA	
8240W	1,1,1,2-TETRACHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,1,1-TRICHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,1,2,2-TETRACHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,1,2-TRICHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,1-DICHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,1-DICHLOROETHENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,2,3-TRICHLOROPROPANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,2-DIBROMO-3-CHLOROPROPANE		10	U	10	U	50	U	10	U	5000	U	5000	U
8240W	1,2-DIBROMOETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,2-DICHLOROETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	1,2-DICHLOROPROPANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	2-BUTANONE		R		50	U	250	U	50	U	25000	U	25000	U
8240W	2-CHLORO-1,3-BUTADIENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	2-HEXANONE		50	U	50	U	250	U	50	U	25000	U	25000	U
8240W	3-CHLOROPROPENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	4-METHYL-2-PENTANONE		50	U	50	U	250	U	50	U	25000	U	25000	U
8240W	ACETONE		50	U	50	U	250	U	50	U	25000	U	25000	U
8240W	ACETONITRILE		R		1000	U	5000	U	1000	U	500000	U	500000	U
8240W	ACROLEIN		R		100	U	500	U	100	U	50000	U	50000	U
8240W	ACRYLONITRILE		100	U	100	U	500	U	100	U	50000	U	50000	U
8240W	BENZENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	BROMODICHLOROMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	BROMOFORM		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	BROMOMETHANE		10	U	10	U	50	U	10	U	5000	U	5000	U
8240W	CARBON DISULFIDE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	CARBON TETRACHLORIDE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	CHLOROBENZENE		5	U	5.7		25	U	34	J	2500	U	2500	U
8240W	CHLOROETHANE		10	U	10	U	50	U	10	U	5000	U	5000	U
8240W	CHLOROFORM		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	CHLOROMETHANE		10	U	10	U	50	U	10	U	5000	U	5000	U
8240W	CIS-1,3-DICHLOROPROPENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	DIBROMOCHLOROMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	DIBROMOMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	DICHLORODIFLUOROMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	ETHYL METHACRYLATE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	ETHYLBENZENE		5	U	5	U	40	J	5	U	2500	U	2500	U
8240W	IODOMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	ISOBUTANOL		R		1000	U	5000	U	1000	U	500000	U	500000	U
8240W	M&P-XYLENE		5	U	5	U	130	J	5	U	2500	U	2500	U
8240W	METHACRYLONITRILE		100	U	100	U	500	U	100	U	50000	U	50000	U
8240W	METHYL METHACRYLATE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	METHYLENE CHLORIDE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	N-OCTANE		5	U	5	U	25	U	R		2500	U	2500	U
8240W	O-XYLENE		5	U	5	U	39	J	5	U	2500	U	2500	U
8240W	PENTACHLOROETHANE		25	U	25	U	130	U	25	U	13000	U	13000	U
8240W	PROPANENITRILE		100	U	100	U	500	U	100	U	50000	U	50000	U
8240W	STYRENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	TETRACHLOROETHENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	TOLUENE		5	U	5	U	630	J	5	U	37000		33000	
8240W	TRANS-1,2-DICHLOROETHENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	TRANS-1,3-DICHLOROPROPENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	TRANS-1,4-DICHLORO-2-BUTENE		R		R		R		R		R		R	
8240W	TRICHLOROETHENE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	TRICHLOROFLUOROMETHANE		5	U	5	U	25	U	5	U	2500	U	2500	U
8240W	VINYL ACETATE		10	U	10	U	50	U	10	U	5000	U	5000	U
8240W	VINYL CHLORIDE		10	U	10	U	50	U	10	U	5000	U	5000	U
824DW	1,4-DIOXANE		NA		NA		NA		NA		NA		NA	
824DW	ISOBUTANOL		NA		NA		NA		NA		NA		NA	
824DW	METHACRYLONITRILE		NA		NA		NA		NA		NA		NA	
8270W	1,1-BIPHENYL		10	U	0.11	J	10	U	10	U	1.8	J	2.1	J
8270W	1,2,4,5-TETRACHLOROBENZENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	1,2,4-TRICHLOROBENZENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	1,2-DICHLOROBENZENE		10	U	10	U	10	U	10	U	21	J	25	J
8270W	1,3,5-TRINITROBENZENE		200	U	200	U	200	U	200	U	1000	U	1000	U
8270W	1,3-DICHLOROBENZENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	1,3-DINITROBENZENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	1,4-DICHLOROBENZENE		10	U	10	U	10	U	10	U	2.3	J	2.8	J
8270W	1,4-DIOXANE		10	U	10	U	10	U	10	U	50	U	10	J
8270W	1,4-NAPHTHOQUINONE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	1-NAPHTHYLAMINE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2&4-METHYLBENZENESULFONAMIDE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,3,4,6-TETRACHLOROPHENOL		50	U	50	U	50	U	50	U	250	U	250	U
8270W	2,4,5-TRICHLOROPHENOL		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,4,6-TRICHLOROPHENOL		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,4-DICHLOROPHENOL		10	U	10	U	10	U	10	U	310		350	
8270W	2,4-DIMETHYLPHENOL		10	U	10	U	0.47	J	10	U	32	J	36	J
8270W	2,4-DINITROPHENOL		50	U	50	U	50	U	50	U	250	U	250	U
8270W	2,4-DINITROTOLUENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,5-CYCLOHEXADIENE-1,4-DIONE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,6-DICHLOROPHENOL		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2,6-DINITROTOLUENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-ACETYLAMINOFLUORENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-CHLORONAPHTHALENE		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-CHLOROPHENOL		10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-CYCLOHEXENE-1-OL		0.74	J	10	U	10	U	10	U	50	U	50	U
8270W	2-CYCLOHEXENE-1-ONE		0.41	J	0.8	J	10	U	10	U	50	U	50	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTION AREA
SHALLOW GROUNDWATER
ORGANIC DATA

	SITE	II-S		II-S		II-S		II-S		II-S		II-S	
	LOCATOR	AOC13		AOC13		AOC13		AOC13		SMU11		SMU11	
	SAMPLE NUMBER	*MW-24S*II-S*		*MW-29S*II-S*		*MW-30S*II-S*		*MW-31S*II-S*		*MW-21S*II-S*		*MW-21SDUP*II-S*	
	COLLECT DATE	8/4/92		8/6/92		8/6/92		8/6/92		8/5/92		8/5/92	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270W	2-METHYLNAPHTHALENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-METHYLPHENOL	10	U	10	U	10	U	10	U	450		450	
8270W	2-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-NITROANILINE	50	U	50	U	50	U	50	U	250	U	250	U
8270W	2-NITROPHENOL	10	U	10	U	10	U	10	U	50	U	50	U
8270W	2-PICOLINE	200	U	200	U	200	U	200	U	1000	U	1000	U
8270W	3&4-METHYLPHENOL	10	U	10	U	7.9	J	10	U	110		130	
8270W	3,3'-DICHLOROBENZIDINE	20	U	20	U	20	U	20	U	100	U	100	U
8270W	3,3'-DIMETHYLBENZIDINE	200	U	200	U	200	U	200	U	1000	U	1000	U
8270W	3,4'-DIMETHOXYACETOPHENONE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	3-METHYLCHOLANTHRENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA	
8270W	3-NITROANILINE	50	U	50	U	50	U	50	U	250	U	250	U
8270W	4,6-DINITRO-2-METHYLPHENOL	50	U	50	U	50	U	50	U	250	U	250	U
8270W	4-AMINOBIPHENYL	10	U	10	U	10	U	10	U	50	U	50	U
8270W	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	50	U	50	U
8270W	4-CHLORO-3-METHYLPHENOL	10	U	10	U	10	U	10	U	43	J	23	J
8270W	4-CHLOROANILINE	20	U	20	U	20	U	20	U	100	U	100	U
8270W	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	50	U	50	U
8270W	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA	
8270W	4-NITROANILINE	50	U	50	U	50	U	50	U	250	U	250	U
8270W	4-NITROPHENOL	50	U	50	U	50	U	50	U	250	U	250	U
8270W	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R	
8270W	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ACENAPHTHENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ACENAPHTHYLENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ACETOPHENONE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ANILINE	50	U	50	U	0.32	J	50	U	250	U	250	U
8270W	ANTHRACENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ARAMITE	R		R		R		R		R		R	
8270W	BENZO(A)ANTHRACENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BENZO(A)PYRENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BENZO(B)FLUORANTHENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BENZO(K)FLUORANTHENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BENZYL ALCOHOL	10	U	10	U	0.29	J	10	U	21	J	24	J
8270W	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	BUTAZOLIDIN	50	U	50	U	50	U	8.9	J	250	U	250	U
8270W	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA	
8270W	CHRYSENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DCDD	0	U	0	U	0	U	0	U	0	U	0	U
8270W	DCDF	0	U	0	U	0	U	0	U	0	U	0	U
8270W	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	*DI-N-OCTYLPHTHALATE*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*50*	*U*	*50*	*U*
8270W	DIALLATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DIBENZ(A,H)ANTHRACENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DIBENZOFURAN	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DIETHYLPHTHALATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DIMETHYLPHENETHYLAMINE	2000	U	2000	U	2000	U	2000	U	10000	U	10000	U
8270W	DIMETHYLPHTHALATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DINOSEB	10	U	10	U	10	U	10	U	50	U	50	U
8270W	DIPHENYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ETHYL METHANESULFONATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	FLUORANTHENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	FLUORENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	HEXACHLOROBENZENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	HEXACHLOROBUTADIENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	HEXACHLOROETHANE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA	
8270W	HEXACHLOROPROPENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	IRGASAN DP-300	10	U	10	U	10	U	10	U	1200		760	J
8270W	ISOPHORONE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	ISOSAFROLE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	METHAPYRILENE	2000	U	2000	U	2000	U	2000	U	10000	U	10000	U
8270W	METHYL METHANESULFONATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	*N-NITROSODIMETHYLAMINE*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*50*	*U*	*50*	*U*
8270W	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA	
8270W	N-NITROSOMETHYLETHYLAMINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSOMORPHOLINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSOPIPERIDINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	NAPHTHALENE	10	U	10	U	0.65	J	10	U	210		240	
8270W	NITROBENZENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA	
8270W	O-TOLUIDINE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	*P-DIMETHYLAMINOAZOBENZENE*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*50*	*U*	*50*	*U*
8270W	P-PHENYLENEDIAMINE	2000	U	2000	U	2000	U	2000	U	10000	U	10000	U
8270W	PENTACHLOROBENZENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA	
8270W	PENTACHLORONITROBENZENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PENTACHLOROPHENOL	50	U	50	U	50	U	50	U	250	U	250	U
8270W	PHENACETIN	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PHENANTHRENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PHENOL	10	U	10	U	10	U	10	U	190		210	
8270W	PRONAMIDE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PROPAZINE	20	U	20	U	20	U	20	U	100	U	100	U
8270W	PYRENE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	PYRIDINE	200	U	200	U	200	U	200	U	1000	U	1000	U
8270W	SAFROLE	10	U	10	U	10	U	10	U	50	U	50	U
8270W	TINUVIN 327	NA		NA		NA		NA		NA		NA	
8270W	TINUVIN 328	10	U	10	U	10	U	10	U	50	U	50	U
8270W	TOFRANIL	100	U	100	U	100	U	100	U	500	U	500	U
8270W	TRCDD	0	U	0	U	0	U	0	U	0	U	0	U
8270W	TRCDF	0	U	0	U	0	U	0	U	0	U	0	U
SOWZW	1,2,3,4,6,7,8-HPCDD	0.0025	U	0.0012	U	0.0011	U	0.0011	U	0.0021	U	0.0023	U
SOWZW	1,2,3,4,6,7,8-HPCDF	0.00069	U	0.00059	U	0.00055	U	0.00056	U	0.00081	U	0.00091	U
SOWZW	1,2,3,4,7,8,9-HPCDF	0.001	U	0.00089	U	0.00099	U	0.001	U	0.0012	U	0.0014	U
SOWZW	1,2,3,4,7,8-HXCDD	0.0013	U	0.0014	U	0.0016	U	0.0014	U	0.0019	U	0.0022	U
SOWZW	1,2,3,4,7,8-HXCDF	0.00074	U	0.00062	U	0.00069	U	0.00062	U	0.00082	U	0.00096	U
SOWZW	1,2,3,6,7,8-HXCDD	0.0014	U	0.0015	U	0.0017	U	0.0015	U	0.002	U	0.0024	U
SOWZW	1,2,3,6,7,8-HXCDF	0.00078	U	0.00065	U	0.00072	U	0.00065	U	0.00087	U	0.001	U
SOWZW	1,2,3,7,8,9-HXCDD	0.00099	U	0.0011	U	0.0012	U	0.001	U	0.0014	U	0.0016	U
SOWZW	1,2,3,7,8,9-HXCDF	0.0008	U	0.00067	U	0.00074	U	0.00066	U	0.00089	U	0.001	U
SOWZW	1,2,3,7,8-PECDD	0.00026	U	0.00054	U	0.00057	U	0.00063	U	0.00067	U	0.00092	U
SOWZW	1,2,3,7,8-PECDF	0.0004	U	0.0003	U	0.00034	U	0.0004	U	0.0005	U	0.0006	U
SOWZW	2,3,4,6,7,8-HXCDF	0.00066	U	0.00055	U	0.00061	U	0.00055	U	0.00073	U	0.00085	U
SOWZW	2,3,4,7,8-PECDF	0.00086	U	0.00064	U	0.00072	U	0.00086	U	0.0011	U	0.0013	U
SOWZW	2,3,7,8-TCDD	0.00081	U	0.00042	U	0.00049	U	0.00054	U	0.00068	U	0.00067	U
SOWZW	2,3,7,8-TCDF	0.00054	U	0.00034	U	0.0004	U	0.00034	U	0.00058	U	0.00073	U
SOWZW	HPCDD	0.0025	U	0.0012	U	0.0011	U	0.0011	U	0.0021	U	0.0023	U
SOWZW	HPCDF	0.001	U	0.00089	U	0.00099	U	0.001	U	0.0012	U	0.0014	U
SOWZW	HXCDD	0.0014	U	0.0015	U	0.0017	U	0.0015	U	0.002	U	0.0024	U
SOWZW	HXCDF	0.0008	U	0.00067	U	0.00074	U	0.00066	U	0.00089	U	0.001	U
SOWZW	OCDD	0.004	U	0.0025	U	0.0033	U	0.0017	U	0.0029	U	0.0032	U
SOWZW	OCDF	0.0027	U	0.002	U	0.0027	U	0.0014	U	0.0022	U	0.0023	U
SOWZW	PECDD	0.00026	U	0.00054	U	0.00057	U	0.00063	U	0.00067	U	0.00092	U
SOWZW	PECDF	0.00086	U	0.00064	U	0.00072	U	0.00086	U	0.0011	U	0.0013	U
SOWZW	TCDD	0.00081	U	0.00042	U	0.00049	U	0.00054	U	0.00068	U	0.00067	U
SOWZW	TCDF	0.00054	U	0.00034	U	0.0004	U	0.00034	U	0.00058	U	0.00073	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTION AREA
DEEP GROUNDWATER
ORGANIC DATA

	SAMPLE ID	IB-1	IB-1	IB-1	IB-1	IB-2	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	IB-3	II-S	II-S	II-S
	DUPLICATE ID	AOC13	AOI15	SMU2	SMU7	AOC13	AOI15	SMU2	SMU7	AOC13	AOI15	SMU2	SMU7	AOC13	AOC13	AOC13
	DEPTH RANGE (FT)	MW-1D*IB-1	MW-16D*IB-1	MW-10D*IB-1	MW-12D*IB-1	MW-1D*IB-2	MW-16D*IB-2	MW-10D*IB-2	MW-12D*IB-2	MW-1D*IB-3	MW-16D*IB-3	MW-10D*IB-3	MW-12D*IB-3	MW-29D*II-S	MW-30D*II-S	MW-31D*II-S
	COLLECT DATE	12/6/90	1/14/91	1/10/91	1/11/91	4/23/91	4/22/91	4/17/91	4/22/91	9/11/91	9/12/91	9/12/91	9/11/91	8/6/92	8/6/92	8/6/92
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8080W	4,4'-DDD	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	4,4'-DDE	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	4,4'-DDT	0.02 U	R	0.019 U	0.02 U	0.019 U	0.019 U	0.0075 J	0.019 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	ALDRIN	0.01 U	R	0.0097 U	0.0047 J	0.0095 U	0.0095 U	0.012	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	ALPHA-BHC	0.01 U	0.0099 J	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	ALPHA-CHLORDANE	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.013	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U
8080W	BETA-BHC	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	CHLOROBENZILATE	NA	NA	NA	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8080W	DELTA-BHC	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	DIELDRIN	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	ENDOSULFAN I	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	ENDOSULFAN II	0.031 U	R	0.0029 J	0.029 U	0.029 U	0.029 U	0.028 U	0.029 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	ENDOSULFAN SULFATE	0.0084 J	R	0.049 U	0.049 U	0.048 U	0.048 U	0.047 U	0.048 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	ENDRIN	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	ENDRIN ALDEHYDE	0.02 U	R	0.019 U	0.02 U	0.019 U	0.019 U	0.019 U	0.019 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
8080W	GAMMA-BHC	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	GAMMA-CHLORDANE	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.017	0.016	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U
8080W	HEPTACHLOR	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	HEPTACHLOR EPOXIDE	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8080W	ISODRIN	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.02 U	0.02 U	0.02 U	0.02 U	0.05 U	0.05 U	0.05 U
8080W	KEPONE	0.01 U	R	0.0097 U	0.0098 U	0.0095 U	0.0095 U	0.0094 U	0.0095 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.1 U	0.1 U
8080W	METHOXYCHLOR	0.051 U	R	0.049 U	0.049 U	0.048 U	0.048 U	0.047 U	0.048 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
8080W	PCB-1016	0.1 U	R	0.097 U	0.098 U	0.095 U	0.095 U	0.094 U	0.095 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
8080W	PCB-1221	0.2 U	R	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U
8080W	PCB-1232	0.2 U	R	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
8080W	PCB-1242	0.1 U	R	0.097 U	0.098 U	0.095 U	0.095 U	0.094 U	0.095 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
8080W	PCB-1248	0.1 U	R	0.097 U	0.098 U	0.095 U	0.095 U	0.094 U	0.095 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
8080W	PCB-1254	0.2 U	R	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
8080W	PCB-1260	0.2 U	R	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
8080W	TOXAPHENE	0.51 U	R	0.49 U	0.49 U	0.48 U	0.48 U	0.47 U	0.48 U	1 U	1 U	1 U	1 U	5 U	5 U	5 U
814ZW	DIMETHOATE	1 U	0.95 U	0.97 U	0.95 U	0.95 U	0.95 U	0.96 U	0.95 U	4 U	4 U	4 U	4 U	10 U	10 U	10 U
814ZW	DISULFOTON	1 U	0.95 U	0.97 U	0.95 U	0.95 U	0.95 U	0.96 U	0.95 U	1.5 U	1.5 U	1.5 U	1.5 U	2 U	2 U	2 U
814ZW	ETHYL PARATHION	0.77 U	0.71 U	0.72 U	0.71 U	0.71 U	0.71 U	0.72 U	0.71 U	0.6 U	0.6 U	0.6 U	0.6 U	1 U	1 U	1 U
814ZW	FAMPHUR	2.6 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	1.5 U	1.5 U	1.5 U	1.5 U	2.5 U	2.5 U	2.5 U
814ZW	METHYL PARATHION	0.043 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	5.1 U	4.8 U	4.8 U	4.7 U	4.8 U	4.8 U	4.8 U	4.8 U	NA	NA	NA	NA	NA	NA	NA
814ZW	PHORATE	0.77 U	0.71 U	0.72 U	0.71 U	0.71 U	0.71 U	0.72 U	0.71 U	0.6 U	0.6 U	0.6 U	1.5 U	1 U	1 U	1 U
814ZW	SULFOTEPP	0.51 U	0.48 U	0.48 U	0.47 U	0.48 U	0.48 U	0.48 U	0.48 U	0.6 U	0.6 U	0.6 U	0.6 U	0.5 U	0.5 U	0.5 U
814ZW	THIONAZIN	5.1 U	4.8 U	4.8 U	4.7 U	4.8 U	4.8 U	4.8 U	4.8 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
815ZW	2,4,5-T	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U	0.19 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 U	0.5 U	0.5 U
815ZW	2,4,5-TP (SILVEX)	0.17 U	0.16 U	0.16 U	0.17 U	0.16 U	0.16 U	0.16 U	0.16 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.5 U
815ZW	2,4-D	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
815ZW	DINOSEB	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	NA	NA	NA	NA	NA	NA	NA
8240W	1,1,1,2-TETRACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,1,1-TRICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,1,2,2-TETRACHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,1,2-TRICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,1-DICHLOROETHANE	5 U	5 U	5 U	5 U	1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,1-DICHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,2,3-TRICHLOROPROPANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,2-DIBROMO-3-CHLOROPROPANE	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
8240W	1,2-DIBROMOETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,2-DICHLOROETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	1,2-DICHLOROPROPANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	R	100 U	100 U	R	50 U	50 U	100 U
8240W	2-CHLORO-1,3-BUTADIENE	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U
8240W	3-CHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U
8240W	4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U	5 U	100 U
8240W	ACETONE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	100 U	100 U	50 U	50 U	100 U
8240W	ACETONITRILE	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	R	500 U	500 U	R	1000 U	1000 U	2000 U
8240W	ACROLEIN	R	R	R	R	R	R	R	R	R	100 U	100 U	R	100 U	100 U	200 U
8240W	ACRYLONITRILE	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U
8240W	BENZENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	BROMODICHLOROMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	BROMOFORM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	BROMOMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
8240W	CARBON DISULFIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	CARBON TETRACHLORIDE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	CHLOROBENZENE	5 U	5 U	5 U	1.1 J	5 U	5 U	5 U	5 U	5 U	5 U	1.8 J	5 U	5 U	5 U	230 J
8240W	CHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
8240W	CHLOROFORM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	CHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
8240W	CIS-1,3-DICHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	DIBROMOCHLOROMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	DIBROMOMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	DICHLORODIFLUOROMETHANE	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	50 U	50 U	50 U	50 U	5 U	5 U	10 U
8240W	ETHYL METHACRYLATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	ETHYLBENZENE	5 U	5 U	5 U	35	5 U	5 U	5 U	8.6 J	5 U	5 U	5 U	12	5 U	5 U	10 U
8240W	IODOMETHANE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	10 U
8240W	ISOBUTANOL	NA	NA	NA	NA	NA	NA	NA	NA	R	1000 U	1000 U	R	1000 U	1000 U	2000 U
8240W	M&P-XYLENE	5 U	5 U	5 U	130	5 U	5 U	5 U	32 J	5 U	5 U	5 U	30	5 U	5 U	15 J
8240W	METHACRYLONITRILE	NA	NA	NA	NA	NA	NA	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	200 U
8240W	METHYL METHACRYLATE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	METHYLENE CHLORIDE	5 U	5 U	5 U	5 U	7 U	15 U	30 U	9.9 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	N-OCTANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	R	R	10 U
8240W	O-XYLENE	5 U	5 U	5 U	44	5 U	5 U	5 U	9.8 J	5 U	5 U	5 U	9	5 U	5 U	10 U
8240W	PENTACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	R	10 U	10 U	R	25 U	25 U	50 U
8240W	PROPANENITRILE	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U
8240W	STYRENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	TETRACHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	TOLUENE	5 U	2 J	5 U	6.1	5 U	5 U	5 U	1.9 J	5 U	5 U	5 U	11 J	5 U	5 U	10 U
8240W	TRANS-1,2-DICHLOROETHENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	TRANS-1,3-DICHLOROPROPENE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	TRANS-1,4-DICHLORO-2-BUTENE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	R	R	R
8240W	TRICHLOROETHENE	5 U	5 U	5 U	5 U	4 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
8240W	TRICHLOROFLUOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 U	5 U	10 U
8240W	VINYL ACETATE	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
8240W	VINYL CHLORIDE	10 U	10 U	10 U	10 U	4 J	10 U	2.2 J	3.3 J	10 U	10 U	10 U	10 U	10 U	10 U	20 U
824DW	1,4-DIOXANE	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA
824DW	ISOBUTANOL	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA
824DW	METHACRYLONITRILE	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	10000 U	NA	NA	NA	NA	NA	NA	NA
8270W	1,1-BIPHENYL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U
8270W	1,2,4,5-TETRACHLOROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,3,5-TRINITROBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	200 U	200 U	200 U
8270W	1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,3-DINITROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U
8270W	1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,4-DIOXANE	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1,4-NAPHTHOQUINONE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	1-NAPHTHYLAMINE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2&4-METHYLBENZENESULFONAMIDE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2,3,4,6-TETRACHLOROPHENOL	R	19 U	20 U	19 U	19 U	19 U	19 U	19 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U
8270W	2,4,5-TRICHLOROPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U
8270W	2,4,6-TRICHLOROPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2,4-DICHLOROPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2,4-DIMETHYLPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	0.8 J	10 U	10 U	10 U
8270W	2,4-DINITROPHENOL	R	48 U	50 U	48 U	48 U	48 U	48 U	48 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
8270W	2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2,5-CYCLOHEXADIENE-1,4-DIONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U
8270W	2,6-DICHLOROPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-ACETYLAMINOFLUORENE	51 U	48 U	50 U	48 U	48 U	48 U	48 U	48 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U
8270W	2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-CHLOROPHENOL	R	10 U	10 U	10 U	9.6 U	9.6 U	9.5 U	9.6 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8270W	2-CYCLOHEXENE-1-OL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.59 J	10 U	10 U
8270W	2-CYCLOHEXENE-1-ONE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

	SAMPLE ID	IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-3		IB-3		IB-3		II-S		II-S		II-S	
	DUPLICATE ID	AOC13		AOI15		SMU2		SMU7		AOC13		AOI15		SMU2		SMU7		AOC13		AOI15		SMU2		SMU7		AOC13		AOC13	
	DEPTH RANGE (FT)	MW-1D*IB-1		MW-16D*IB-1		MW-10D*IB-1		MW-12D*IB-1		MW-1D*IB-2		MW-16D*IB-2		MW-10D*IB-2		MW-12D*IB-2		MW-1D*IB-3		MW-16D*IB-3		MW-10D*IB-3		MW-12D*IB-3		MW-29D*II-S		MW-30D*II-S		MW-31D*II-S	
	COLLECT DATE	12/6/90		1/14/91		1/10/91		1/11/91		4/23/91		4/22/91		4/17/91		4/22/91		9/11/91		9/12/91		9/12/91		9/11/91		8/6/92		8/6/92		8/6/92	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270W	2-METHYLNAPHTHALENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	2-METHYLPHENOL	R		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	2-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	2-NITROANILINE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	2-NITROPHENOL	R		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	2-PICOLINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	200	U	200	U	200	U
8270W	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	24		10	U	10	U	10	U
8270W	3,3'-DICHLOROBENZIDINE	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
8270W	3,3'-DIMETHYLBENZIDINE	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	10	U	10	U	10	U	10	U	200	U	200	U	200	U
8270W	3,4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U
8270W	3-METHYLCHOLANTHRENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	3-METHYLPHENOL	R		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	NA		NA		NA		NA		NA		NA		NA	
8270W	3-NITROANILINE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	4,6-DINITRO-2-METHYLPHENOL	R		48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	*4-AMINOBIPHENYL*	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
8270W	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	4-CHLORO-3-METHYLPHENOL	R		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	2	J
8270W	4-CHLOROANILINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	20	U	20	U	20	U
8270W	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	4-METHYLPHENOL	R		10	U	10	U	20		9.6	U	9.6	U	9.5	U	11		NA		NA		NA		NA		NA		NA		NA	
8270W	4-NITROANILINE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	4-NITROPHENOL	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	4-NITROQUINOLINE-N-OXIDE	R		95	U	100	U	95	U	R		R		R		R		100	U	100	U	100	U	100	U	R		R		R	
8270W	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ACENAPHTHENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ACENAPHTHYLENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ACETOPHENONE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ANILINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	50	U	50	U	50	U	50	U	0.3	J	0.26	J	0.23	J
8270W	ANTHRACENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ARAMITE	100	U	95	U	100	U	95	U	96	U	96	U	95	U	96	U	100	U	100	U	100	U	100	U	R		R		R	
8270W	*BENZO(A)ANTHRACENE*	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BENZO(A)PYRENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BENZO(B)FLUORANTHENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BENZO(K)FLUORANTHENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BENZYL ALCOHOL	R		10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE	86	U	3	J	2	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	2.1	U	1.6	U	0.7	U	10	U	10	U	10	U
8270W	BUTAZOLIDIN	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	500	U	500	U	500	U	500	U	50	U	50	U	3.1	J
8270W	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	CHLOROBENZILATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	NA		NA		NA		NA		NA		NA		NA	
8270W	CHRYSENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DCDD	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		0	U	0	U	0	U
8270W	DCDF	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		0	U	0	U	0	U
8270W	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DI-N-OCTYLPHTHALATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DIALLATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DIBENZ(A,H)ANTHRACENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DIBENZOFURAN	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DIETHYLPHTHALATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DIMETHYLPHENETHYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
8270W	DIMETHYLPHTHALATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		50	U	50	U	50	U	50	U	10	U	10	U	10	U
8270W	DIPHENYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ETHYL METHANESULFONATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
8270W	FLUORANTHENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	FLUORENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	HEXACHLOROBENZENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	HEXACHLOROBUTADIENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	HEXACHLOROETHANE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	HEXACHLOROPHENE	NA		NA		NA		NA		1900	U	1900	U	1900	U	1900	U	NA		NA		NA		NA		NA		NA		NA	
8270W	*HEXACHLOROPROPENE*	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	IRGASAN DP-300	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	100	U	100	U	100	U	100	U	10	U	10	U	10	U
8270W	ISOPHORONE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	ISOSAFROLE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	METHAPYRILENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
8270W	METHYL METHANESULFONATE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
8270W	N-NITROSODIMETHYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSODIPHENYLAMINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	NA		NA		NA		NA		NA		NA		NA	
8270W	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSOMORPHOLINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	N-NITROSOPIPERIDINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
8270W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	40	U	40	U	40	U	40	U	10	U	10	U	10	U
8270W	NAPHTHALENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	4.5	J
8270W	NITROBENZENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	NA		NA		NA	
8270W	O-TOLUIDINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	P-DIMETHYLAMINOAZOBENZENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	P-PHENYLENEDIAMINE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	1000	U	1000	U	1000	U	1000	U	2000	U	2000	U	2000	U
8270W	*PENTACHLOROBENZENE*	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	PENTACHLOROETHANE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	NA		NA		NA		NA		NA		NA		NA	
8270W	PENTACHLORONITROBENZENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	100	U	100	U	100	U	100	U	10	U	10	U	10	U
8270W	PENTACHLOROPHENOL	R		48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
8270W	PHENACETIN	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	20	U	20	U	20	U	20	U	10	U	10	U	10	U
8270W	PHENANTHRENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	PHENOL	10	U	10	U	10	U	18		9.6	U	9.6	U	9.5	U	6	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	PRONAMIDE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	PROPAZINE	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	200	U	200	U	200	U	200	U	20	U	20	U	20	U
8270W	PYRENE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	PYRIDINE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	100	U	100	U	100	U	100	U	200	U	200	U	200	U
8270W	SAFROLE	10	U	10	U	10	U	10	U	9.6	U	9.6	U	9.5	U	9.6	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8270W	TINUVIN 327	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	100	U	100	U	100	U	100	U	NA		NA		NA	
8270W	*TINUVIN 328*	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U
8270W	TOFRANIL	51	U	48	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	100	U	100	U	100	U
8270W	TRCDD	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		0	U	0	U	0	U
8270W	TRCDF	20	U	19	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		0	U	0	U	0	U
SOWZW	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.002	U	0.0019	U	0.0014	U
SOWZW	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00098	U	0.0008	U	0.0008	U
SOWZW	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0015	U	0.0012	U	0.0012	U
SOWZW	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0015	U	0.0013	U	0.0016	U
SOWZW	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00072	U	0.0006	U	0.00084	U
SOWZW	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0016	U	0.0014	U	0.0017	U
SOWZW	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00076	U	0.00063	U	0.00088	U
SOWZW	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0011	U	0.00094	U	0.0012	U
SOWZW	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00078	U	0.00065	U	0.0009	U
SOWZW	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00063	U	0.00061	U	0.00074	U
SOWZW	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00039	U	0.00037	U	0.00043	U
SOWZW	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00064	U	0.00054	U	0.00075	U
SOWZW	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00084	U	0.00078	U	0.00092	U
SOWZW	2,3,7,8-TCDD	R		R		R		R		R		R		R		R		R		R		R		R		0.00072	U	0.00047	U	0.00058	U
SOWZW	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.00048	U	0.00031	U	0.00055	U
SOWZW	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.002	U	0.0019	U	0.0014	U
SOWZW	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0015	U	0.0012	U	0.0012	U
SOWZW	HXCDD	R		R		R		R		R		R		R		R		R		R		R		R		0.0016	U	0.0014	U	0.0017	U
SOWZW	HXCDF	R		R		R		R		R		R		R		R		R		R		R		R		0.00078	U	0.00065	U	0.0009	U
SOWZW	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0036	U	0.0034	U	0.003	
SOWZW	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		0.0031	U	0.0026	U	0.0018	U
SOWZW	PECDD	R		R		R		R		R		R		R		R		R		R		R		R		0.00063	U	0.00061	U	0.00074	U
SOWZW	PECDF	R		R		R		R		R		R		R		R		R		R		R		R		0.00084	U	0.00078	U	0.00092	U
SOWZW	TCDD	R		R		R		R		R		R		R		R		R		R		R		R		0.00072	U	0.00047	U	0.00058	U
SOWZW	TCDF	R		R		R		R		R		R		R		R		R		R		R		R		0.00048	U	0.00031	U	0.00055	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCT[illegible]REA
BEDROCK GROUNDWATER
ORGANIC DATA

	SAMPLE ID	IB-1		IB-2		IB-3	
	DUPLICATE ID	AOC13		AOC13		AOC13	
	DEPTH RANGE (FT)	RW-1*IB-1		RW-1*IB-2		RW-1*IB-3	
	COLLECT DATE	1/15/91		4/23/91		9/17/91	
		Result	Q	Result	Q	Result	Q
8080W	4,4'-DDD	0.0095	U	0.0095	U	0.1	U
8080W	4,4'-DDE	0.0095	U	0.0095	U	0.1	U
8080W	4,4'-DDT	0.019	U	0.019	U	0.1	U
8080W	ALDRIN	0.0095	U	0.0095	U	0.05	U
8080W	ALPHA-BHC	0.0095	U	0.017		0.05	U
8080W	ALPHA-CHLORDANE	0.0095	U	0.0095	U	0.1	U
8080W	BETA-BHC	0.0095	U	0.0095	U	0.05	U
8080W	CHLOROBENZILATE	NA		NA		0.5	U
8080W	DELTA-BHC	0.014		0.0095	U	0.05	U
8080W	DIELDRIN	0.0095	U	0.0095	U	0.1	U
8080W	ENDOSULFAN I	0.0095	U	0.0095	U	0.05	U
8080W	ENDOSULFAN II	0.029	U	0.0016	J	0.1	U
8080W	ENDOSULFAN SULFATE	0.048	U	0.048	U	0.1	U
8080W	ENDRIN	0.0095	U	0.0095	U	0.1	U
8080W	ENDRIN ALDEHYDE	0.019	U	0.02		0.1	U
8080W	GAMMA-BHC	0.0095	U	0.0095	U	0.05	U
8080W	GAMMA-CHLORDANE	0.0095	U	0.0095	U	0.1	U
8080W	HEPTACHLOR	0.0095	U	0.0095	U	0.05	U
8080W	HEPTACHLOR EPOXIDE	0.0095	U	0.0095	U	0.05	U
8080W	ISODRIN	0.0095	U	0.0095	U	0.02	U
8080W	KEPONE	0.0095	U	0.0095	U	0.05	U
8080W	METHOXYCHLOR	0.048	U	0.048	U	0.5	U
8080W	PCB-1016	0.095	U	0.095	U	0.5	U
8080W	PCB-1221	0.19	U	0.19	U	0.5	U
8080W	PCB-1232	0.19	U	0.19	U	0.5	U
8080W	PCB-1242	0.095	U	0.095	U	0.5	U
8080W	PCB-1248	0.095	U	0.095	U	0.5	U
8080W	PCB-1254	0.19	U	0.19	U	1	U
8080W	PCB-1260	0.19	U	0.19	U	1	U
8080W	TOXAPHENE	0.48	U	0.48	U	1	U
814ZW	DIMETHOATE	0.95	U	0.19	J	4	U
814ZW	DISULFOTON	0.95	U	0.95	U	1.5	U
814ZW	ETHYL PARATHION	0.71	U	0.37	J	0.6	U
814ZW	FAMPHUR	2.4	U	0.27	J	1.5	U
814ZW	METHYL PARATHION	0.14	U	0.22		0.5	U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.8	U	4.8	U	NA	
814ZW	PHORATE	0.71	U	0.064	J	0.6	U
814ZW	SULFOTEPP	0.48	U	0.096	J	0.6	U
814ZW	THIONAZIN	4.8	U	0.058	J	0.5	U
815ZW	2,4,5-T	0.19	U	0.19	U	0.3	U
815ZW	2,4,5-TP (SILVEX)	0.16	U	0.16	U	0.1	U
815ZW	2,4-D	1.1	U	1.1	U	0.5	U
815ZW	DINOSEB	0.14	U	0.14	U	NA	
8240W	1,1,1,2-TETRACHLOROETHANE	5	U	5	U	5	U
8240W	1,1,1-TRICHLOROETHANE	5	U	5	U	5	U
8240W	1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U
8240W	1,1,2-TRICHLOROETHANE	5	U	5	U	5	U
8240W	1,1-DICHLOROETHANE	5	U	5	U	5	U
8240W	1,1-DICHLOROETHENE	5	U	5	U	5	U
8240W	1,2,3-TRICHLOROPROPANE	5	U	5	U	5	U
8240W	1,2-DIBROMO-3-CHLOROPROPANE	20	U	20	U	10	U
8240W	1,2-DIBROMOETHANE	5	U	5	U	5	U
8240W	1,2-DICHLOROETHANE	5	U	5	U	5	U
8240W	1,2-DICHLOROPROPANE	5	U	5	U	5	U
8240W	2-BUTANONE	10	U	10	U	100	U
8240W	2-CHLORO-1,3-BUTADIENE	25	U	25	U	5	U
8240W	2-HEXANONE	10	U	10	U	50	U
8240W	3-CHLOROPROPENE	5	U	5	U	10	U
8240W	4-METHYL-2-PENTANONE	10	U	10	U	50	U
8240W	ACETONE	10	U	10	U	100	U
8240W	ACETONITRILE	20	U	20	U	500	U
8240W	ACROLEIN	R		R		100	U
8240W	ACRYLONITRILE	50	U	50	U	100	U
8240W	BENZENE	5	U	5	U	5	U
8240W	BROMODICHLOROMETHANE	5	U	5	U	10	U
8240W	BROMOFORM	5	U	5	U	5	U
8240W	BROMOMETHANE	10	U	10	U	5	U
8240W	CARBON DISULFIDE	5	U	5	U	5	U
8240W	CARBON TETRACHLORIDE	5	U	5	U	5	U
8240W	CHLOROBENZENE	1	J	2	J	4.2	J
8240W	CHLOROETHANE	10	U	10	U	10	U
8240W	CHLOROFORM	5	U	5	U	5	U
8240W	CHLOROMETHANE	10	U	10	U	10	U
8240W	CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U
8240W	DIBROMOCHLOROMETHANE	5	U	5	U	5	U
8240W	DIBROMOMETHANE	5	U	5	U	5	U
8240W	DICHLORODIFLUOROMETHANE	20	U	20	U	50	U
8240W	ETHYL METHACRYLATE	10	U	10	U	5	U
8240W	ETHYLBENZENE	5	U	5	U	5	U
8240W	IODOMETHANE	5	U	5	U	5	U
8240W	ISOBUTANOL	NA		NA		1000	U
8240W	M&P-XYLENE	5	U	5	U	5	U
8240W	METHACRYLONITRILE	NA		NA		100	U
8240W	METHYL METHACRYLATE	10	U	10	U	5	U
8240W	METHYLENE CHLORIDE	3	U	6	U	5	U
8240W	O-XYLENE	5	U	5	U	5	U
8240W	PENTACHLOROETHANE	NA		NA		10	U
8240W	PROPANENITRILE	100	U	100	U	100	U
8240W	STYRENE	5	U	5	U	5	U
8240W	TETRACHLOROETHENE	5	U	5	U	5	U
8240W	TOLUENE	5	U	5	U	5	U
8240W	TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U
8240W	TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U
8240W	TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	U	10	U
8240W	TRICHLOROETHENE	5	U	5	U	5	U
8240W	TRICHLOROFLUOROMETHANE	10	U	10	U	10	U
8240W	VINYL ACETATE	5	U	5	U	10	U
8240W	VINYL CHLORIDE	10	U	10	U	10	U
824DW	1,4-DIOXANE	10000	U	10000	U	NA	
824DW	ISOBUTANOL	10000	U	10000	U	NA	
824DW	METHACRYLONITRILE	10000	U	10000	U	NA	
8270W	1,2,4,5-TETRACHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	1,2,4-TRICHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	1,2-DICHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	1,3,5-TRINITROBENZENE	NA		NA		50	U
8270W	1,3-DICHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	1,3-DINITROBENZENE	9.5	U	9.6	U	50	U
8270W	1,4-DICHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	1,4-DIOXANE	NA		NA		10	U
8270W	1,4-NAPHTHOQUINONE	9.5	U	9.6	U	10	U
8270W	1-NAPHTHYLAMINE	9.5	U	9.6	U	10	U
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)	9.5	U	9.6	U	10	U
8270W	2,3,4,6-TETRACHLOROPHENOL	19	U	19	U	10	U
8270W	2,4,5-TRICHLOROPHENOL	9.5	U	9.6	U	50	U
8270W	2,4,6-TRICHLOROPHENOL	9.5	U	9.6	U	10	U
8270W	2,4-DICHLOROPHENOL	9.5	U	9.6	U	10	U
8270W	2,4-DIMETHYLPHENOL	9.5	U	9.6	U	10	U
8270W	2,4-DINITROPHENOL	48	U	48	U	50	U
8270W	2,4-DINITROTOLUENE	9.5	U	9.6	U	10	U
8270W	2,6-DICHLOROPHENOL	9.5	U	9.6	U	10	U
8270W	2,6-DINITROTOLUENE	9.5	U	9.6	U	10	U
8270W	2-ACETYLAMINOFLUORENE	48	U	48	U	20	U
8270W	2-CHLORONAPHTHALENE	9.5	U	9.6	U	10	U
8270W	2-CHLOROPHENOL	9.5	U	9.6	U	10	U
8270W	2-METHYLNAPHTHALENE	9.5	U	9.6	U	10	U
8270W	2-METHYLPHENOL	9.5	U	9.6	U	10	U
8270W	2-NAPHTHYLAMINE	9.5	U	9.6	U	10	U
8270W	2-NITROANILINE	48	U	48	U	50	U
8270W	2-NITROPHENOL	9.5	U	9.6	U	10	U

All results in ug/l (ppb)
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

PRODUCTION AREA
BEDROCK GROUNDWATER
ORGANIC DATA

	SAMPLE ID	IB-1		IB-2		IB-3	
	DUPLICATE ID	AOC13		AOC13		AOC13	
	DEPTH RANGE (FT)	RW-1*IB-1		RW-1*IB-2		RW-1*IB-3	
	COLLECT DATE	1/15/91		4/23/91		9/17/91	
		Result	Q	Result	Q	Result	Q
8270W	2-PICOLINE	9.5	U	9.6	U	10	U
8270W	3&4-METHYLPHENOL	NA		NA		10	U
8270W	3,3'-DICHLOROBENZIDINE	19	U	19	U	20	U
8270W	3,3'-DIMETHYLBENZIDINE	19	U	19	U	10	U
8270W	3-METHYLCHOLANTHRENE	9.5	U	9.6	U	10	U
8270W	3-METHYLPHENOL	9.5	U	9.6	U	NA	
8270W	3-NITROANILINE	48	U	48	U	50	U
8270W	4,6-DINITRO-2-METHYLPHENOL	48	U	48	U	50	U
8270W	4-AMINOBIPHENYL	9.5	U	9.6	U	20	U
8270W	4-BROMOPHENYL-PHENYLETHER	9.5	U	9.6	U	10	U
8270W	4-CHLORO-3-METHYLPHENOL	9.5	U	9.6	U	10	U
8270W	4-CHLOROANILINE	9.5	U	9.6	U	10	U
8270W	4-CHLOROPHENYL-PHENYLETHER	9.5	U	9.6	U	10	U
8270W	4-METHYLPHENOL	9.5	U	9.6	U	NA	
8270W	4-NITROANILINE	48	U	48	U	50	U
8270W	4-NITROPHENOL	48	U	48	U	50	U
8270W	4-NITROQUINOLINE-N-OXIDE	95	U	R		100	U
8270W	5-NITRO-O-TOLUIDINE	9.5	U	9.6	U	10	U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE	48	U	48	U	10	U
8270W	ACENAPHTHENE	9.5	U	9.6	U	10	U
8270W	ACENAPHTHYLENE	9.5	U	9.6	U	10	U
8270W	ACETOPHENONE	9.5	U	9.6	U	10	U
8270W	ANILINE	9.5	U	9.6	U	50	U
8270W	ANTHRACENE	9.5	U	9.6	U	10	U
8270W	ARAMITE	95	U	96	U	100	U
8270W	BENZO(A)ANTHRACENE	9.5	U	9.6	U	10	U
8270W	BENZO(A)PYRENE	9.5	U	9.6	U	10	U
8270W	BENZO(B)FLUORANTHENE	9.5	U	9.6	U	10	U
8270W	BENZO(G,H,I)PERYLENE	3	J	9.6	U	10	U
8270W	BENZO(K)FLUORANTHENE	9.5	U	9.6	U	10	U
8270W	BENZYL ALCOHOL	9.5	U	9.6	U	10	U
8270W	BIS(2-CHLOROETHOXY)METHANE	9.5	U	9.6	U	10	U
8270W	BIS(2-CHLOROETHYL)ETHER	9.5	U	9.6	U	10	U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE	9.5	U	9.6	U	8.6	U
8270W	BUTAZOLIDIN	48	U	48	U	500	U
8270W	BUTYLBENZYLPHTHALATE	9.5	U	9.6	U	10	U
8270W	CHLOROBENZILATE	9.5	U	9.6	U	NA	
8270W	CHRYSENE	9.5	U	9.6	U	10	U
8270W	DCDD	19	U	19	U	NA	
8270W	DCDF	19	U	19	U	NA	
8270W	DI-N-BUTYLPHTHALATE	9.5	U	9.6	U	10	U
8270W	DI-N-OCTYLPHTHALATE	9.5	U	9.6	U	10	U
8270W	DIALLATE	9.5	U	9.6	U	10	U
8270W	DIBENZ(A,H)ANTHRACENE	9.5	U	9.6	U	10	U
8270W	DIBENZOFURAN	9.5	U	9.6	U	10	U
8270W	DIETHYLPHTHALATE	9.5	U	9.6	U	10	U
8270W	DIMETHYLPHENETHYLAMINE	9.5	U	9.6	U	1000	U
8270W	DIMETHYLPHTHALATE	9.5	U	9.6	U	10	U
8270W	DINOSEB	NA		NA		50	U
8270W	DIPHENYLAMINE	9.5	U	9.6	U	10	U
8270W	ETHYL METHANESULFONATE	9.5	U	9.6	U	20	U
8270W	FLUORANTHENE	9.5	U	9.6	U	10	U
8270W	FLUORENE	9.5	U	9.6	U	10	U
8270W	HEXACHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	HEXACHLOROBUTADIENE	9.5	U	9.6	U	10	U
8270W	HEXACHLOROCYCLOPENTADIENE	9.5	U	9.6	U	10	U
8270W	HEXACHLOROETHANE	9.5	U	9.6	U	10	U
8270W	HEXACHLOROPHENE	NA		1900	U	NA	
8270W	HEXACHLOROPROPENE	9.5	U	9.6	U	10	U
8270W	INDENO(1,2,3-CD)PYRENE	9.5	U	9.6	U	10	U
8270W	IRGASAN DP-300	48	U	48	U	100	U
8270W	ISOPHORONE	9.5	U	9.6	U	10	U
8270W	ISOSAFROLE	9.5	U	9.6	U	10	U
8270W	METHAPYRILENE	9.5	U	9.6	U	1000	U
8270W	METHYL METHANESULFONATE	9.5	U	9.6	U	10	U
8270W	N-NITROSO-DI-N-BUTYLAMINE	9.5	U	9.6	U	10	U
8270W	N-NITROSO-DI-N-PROPYLAMINE	9.5	U	9.6	U	10	U
8270W	N-NITROSODIETHYLAMINE	9.5	U	9.6	U	20	U
8270W	N-NITROSODIMETHYLAMINE	9.5	U	9.6	U	10	U
8270W	N-NITROSODIPHENYLAMINE	9.5	U	9.6	U	NA	
8270W	N-NITROSOMETHYLETHYLAMINE	NA		NA		10	U
8270W	N-NITROSOMORPHOLINE	9.5	U	9.6	U	10	U
8270W	N-NITROSOPIPERIDINE	9.5	U	9.6	U	20	U
8270W	N-NITROSOPYRROLIDINE	9.5	U	9.6	U	40	U
8270W	NAPHTHALENE	9.5	U	9.6	U	10	U
8270W	NITROBENZENE	9.5	U	9.6	U	10	U
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		10	U
8270W	O-TOLUIDINE	9.5	U	9.6	U	10	U
8270W	P-DIMETHYLAMINOAZOBENZENE	9.5	U	9.6	U	10	U
8270W	P-PHENYLENEDIAMINE	48	U	48	U	1000	U
8270W	PENTACHLOROBENZENE	9.5	U	9.6	U	10	U
8270W	PENTACHLOROETHANE	9.5	U	9.6	U	NA	
8270W	PENTACHLORONITROBENZENE	9.5	U	9.6	U	100	U
8270W	PENTACHLOROPHENOL	48	U	48	U	50	U
8270W	PHENACETIN	9.5	U	9.6	U	20	U
8270W	PHENANTHRENE	9.5	U	9.6	U	10	U
8270W	PHENOL	9.5	U	9.6	U	10	U
8270W	PRONAMIDE	9.5	U	9.6	U	10	U
8270W	PROPAZINE	48	U	48	U	200	U
8270W	PYRENE	9.5	U	9.6	U	10	U
8270W	PYRIDINE	9.5	U	9.6	U	100	U
8270W	SAFROLE	9.5	U	9.6	U	10	U
8270W	TINUVIN 327	48	U	48	U	100	U
8270W	TOFRANIL	48	U	48	U	50	U
8270W	TRCDD	19	U	19	U	NA	
8270W	TRCDF	19	U	19	U	NA	
SOWZW	1,2,3,4,6,7,8-HPCDD	NA		NA		R	
SOWZW	1,2,3,4,6,7,8-HPCDF	NA		NA		R	
SOWZW	1,2,3,4,7,8,9-HPCDF	NA		NA		R	
SOWZW	1,2,3,4,7,8-HXCDD	NA		NA		R	
SOWZW	1,2,3,4,7,8-HXCDF	NA		NA		R	
SOWZW	1,2,3,6,7,8-HXCDD	NA		NA		R	
SOWZW	1,2,3,6,7,8-HXCDF	NA		NA		R	
SOWZW	1,2,3,7,8,9-HXCDD	NA		NA		R	
SOWZW	1,2,3,7,8,9-HXCDF	NA		NA		R	
SOWZW	1,2,3,7,8-PECDD	NA		NA		R	
SOWZW	1,2,3,7,8-PECDF	NA		NA		R	
SOWZW	2,3,4,6,7,8-HXCDF	NA		NA		R	
SOWZW	2,3,4,7,8-PECDF	NA		NA		R	
SOWZW	2,3,7,8-TCDD	NA		R		R	
SOWZW	2,3,7,8-TCDF	NA		NA		R	
SOWZW	HPCDD	NA		NA		R	
SOWZW	HPCDF	NA		NA		R	
SOWZW	HXCDD	NA		R		R	
SOWZW	HXCDF	NA		R		R	
SOWZW	OCDD	NA		NA		R	
SOWZW	OCDF	NA		NA		R	
SOWZW	PECDD	NA		R		R	
SOWZW	PECDF	NA		R		R	
SOWZW	TCDD	NA		R		R	
SOWZW	TCDF	NA		R		R	

All results in ug/l (ppb)
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
E - Estimated maximum concentration.

PRODUCTION AREA
SHALLOW GROUNDWATER
INORGANIC DATA

	SITE	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1
	LOCATOR	AOC13	AOC13	AOC13	AOC13	AOC13	AOC13	AOI15	AOI15	AOI15	AOI15	SMU11	SMU11	SMU11	SMU11	SMU2	SMU2	SMU7	SMU7	SMU8	SMU8	
	SAMPLE NUMBER	MW-1S [D]	MW-1S [T]	MW-2S*IB-1 [D]	MW-2S*IB-1 [T]	MW-3S*IB-1 [D]	MW-3S*IB-1 [T]	MW-16S*IB-1 [D]	MW-16S*IB-1 [T]	MW-5S*IB-1 [D]	MW-5S*IB-1 [T]	MW-14S*IB-1 [D]	MW-14S*IB-1 [T]	MW-4S*IB-1 [D]	MW-4S*IB-1 [T]	MW-10S*IB-1 [D]	MW-10S*IB-1 [T]	MW-12S*IB-1 [D]	MW-12S*IB-1 [T]	MW-13S*IB-1 [D]	MW-13S*IB-1 [T]	
	COLLECT DATE	12/6/90	33213	1/15/91	33253	1/11/91	33249	1/14/91	33252	1/15/91	33253	1/14/91	33252	1/14/91	33252	1/10/91	33248	1/15/91	33253	1/10/91	33248	
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	
6010W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6010W	BARIUM	121	74	201	262	33	52	27	67	33	65	37	60	41	43	16	82	17	24	76	362	
6010W	BERYLLIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3.3	
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
6010W	CALCIUM	74600	73500	68600	65900	23000	22400	47600	48700	17200	19200	52700	50400	50900	51600	55700	61800	59200	58500	96800	107000	
6010W	CHROMIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	22	10 U	10 U	10 U	14	10 U	10 U	10 U	58	10 U	10 U	10 U	125	
6010W	COBALT	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	16	10 U	10 U	10 U	47	
6010W	COPPER	20 U	20 U	20 U	23	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	46	20 U	20 U	20 U	134	
6010W	IRON	867	2170	1470	6560	9160	40500	368	12600	40 U	4620	4930	11200	18000	17700	358	31300	18600	23200	9950	94400	
6010W	MAGNESIUM	5590	5600	3460	3320	3250	3360	2220	3900	2100	2490	4320	5080	5670	5700	3130	6280	5590	5810	6660	14200	
6010W	MANGANESE	1320	1320	156	157	1370	1320	468	647	10 U	913	3050	2880	2690	2460	626	878	3990	3920	4740	6270	
6010W	NICKEL	20 U	20 U	20 U	20 U	20 U	20 U	20 U	25	20 U	20 U	20 U	20 U	20 U	20 U	25	77	20 U	20 U	20 U	115	
6010W	POTASSIUM	10100 J	10700 J	12700	12200	3700	3330	4960	6780	3000 U	3000 U	5590	5410	6320	6200	3330	4240	5930	5700	26500	30700	
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
6010W	SODIUM	101000	101000	21400	20400	23800	23200	23500	24100	14800	18200	54500	51500	58700	58100	21200	22000	32000	32800	146000	140000	
6010W	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6010W	VANADIUM	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	77	
6010W	ZINC	20 U	20 U	20 U	340	20 U	20 U	20 U	44	20 U	27	20 U	25	20 U	20 U	20 U	76 U	20 U	20 U	20 U	717	
7041W	ANTIMONY	7 U	7 U	13.4 J	23 J	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	
7060W	ARSENIC	4.1	6	6.2	12.7	5.2 J	68.2 J	4 U	8.6	4 U	4.1	14.9	16.9	5	6	4 U	6.7	4 U	4 U	9.4	45.6	
7421W	LEAD	4.7 U	7 U	8.5	26.6	3 U	12.9 U	3 U	5.6	4.7	12.3	3 U	7.5	3 U	3 U	3 U	38.7	3 U	11.8	3 U	154	
7477W	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.3	
7740W	SELENIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
7841W	THALLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	
9010W	CYANIDE	NA	10 U	NA	22.1	NA	10 U	NA	15.6	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	11.7	NA	10 U	
SNZZW	TIN	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	

PRODUCTION AREA
SHALLOW GROUNDWATER
INORGANIC DATA

	SITE	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2
	LOCATOR	AOC13	AOC13	AOC13	AOC13	AOC13	AOC13	AOI15	AOI15	AOI15	AOI15	SMU11	SMU11	SMU11	SMU11	SMU2	SMU2	SMU7	SMU7	SMU8	SMU8	
	SAMPLE NUMBER	MW-1S*IB-2 (D)	MW-1S*IB-2 (T)	MW-2S*IB-2 (D)	MW-2S*IB-2 (T)	MW-3S*IB-2 (D)	MW-3S*IB-2 (T)	MW-16S*IB-2 (D)	MW-16S*IB-2 (T)	MW-5S*IB-2 (D)	MW-5S*IB-2 (T)	MW-14S*IB-2 (D)	MW-14S*IB-2 (T)	MW-4S*IB-2 (D)	MW-4S*IB-2 (T)	MW-10S*IB-2 (D)	MW-10S*IB-2 (T)	MW-12S*IB-2 (D)	MW-12S*IB-2 (T)	MW-13S*IB-2 (D)	MW-13S*IB-2 (T)	
	COLLECT DATE	4/23/91	33351	4/23/91	33351	4/19/91	33347	4/22/91	33350	4/22/91	33350	4/18/91	33346	4/19/91	33347	4/17/91	33345	4/22/91	33350	4/22/91	33350	
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	
6010W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010W	BARIUM	70.3	87.4	268	402	29.1	58.2	21.7	49.8	53.2	90.3	55.4	67	34.8	39.6	12.4	72.5	16.3	35.6	80.5	99.9	
6010W	BERYLLIUM	2 U	2 U	2 U	2 U	2 U	2.7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8.1 J	9.4 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5
6010W	CALCIUM	82400	86100	61300	61600	23200	23200	49200	43500	32700	21500	52900	48800	46600	43300	32900	34600	52000	48400	94700	79700	
6010W	CHROMIUM	10 U	16.6	10 U	12.4	10 U	25.8	10 U	26.6	10 U	17.9	10 U	17.1 J	10 U	10 U	10 U	60 J	10 U	17.3	10 U	51.5	
6010W	COBALT	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	13.2 J	12.8	10 U	10 U	10 U	10.5	10 U	10 U	10 U	10	
6010W	COPPER	20 U	20 U	20 U	38.8	20 U	27.3	20 U	20 U	20 U	20 U	20 U	25	20 U	20 U	20 U	50.4	20 U	24.9	20 U	20	
6010W	IRON	2100	5880	2110	11100	9420	47500	2260	10200	40 U	6900	4640	8990	17900	20300	166	21300	15100	32400	5450	15600	
6010W	MAGNESIUM	4900	5170	2970	3120	3560	4040	2070	3110	3470	3600	4980	5350	5610	5480	2170	4420	4280	5270	6100	5930	
6010W	MANGANESE	1550	1570	135	1520	1460	1450	7340	6470	10 U	1230	4420	3980	2930	2680	30.3	314	3540	3470	3970	3490	
6010W	NICKEL	20 U	20 U	20 U	22.9	20 U	20 U	22.5	24.3	20 U	20 U	20 U	20.2 J	20 U	20 U	20 U	51.3 J	20 U	26.4	20 U	40.2	
6010W	POTASSIUM	9400	9570	13600	14000	3260	3400	3430 U	4420 U	3180 J	3000 U	7130	6830	5930	5520	3000 U	3000 U	5620 J	5140 J	37700 J	31100	
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	26 J	25.8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	
6010W	SODIUM	54000	55000	21200	21100	22900	22600	16200	14200	18700	16900	113000	104000	43500	41600	20400	21800	40500	36200	111000	95500	
6010W	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010W	VANADIUM	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20	
6010W	ZINC	20 U	20 U	38.6	99.3	20 U	24.9	28.2	46	20 U	41.3	29.1 J	47.9	20 U	20 U	20 U	44.7	20 U	64	20 U	89.2	
7041W	ANTIMONY	7 U	7 U	7 U	25	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7	
7060W	ARSENIC	4 U	4.5 J	6.6	16.8 J	4 U	57.6	4.2	5.9	4 U	4 U	11	11.8 J	6.5	8.6	4 U	10.4	4 U	5.6	4.8	9.1	
7421W	LEAD	7.7 U	9.4 U	9.4 U	40	3 U	27.1	9.1 U	18.4 U	6.3 U	36.4 U	3 U	5.6 J	3 U	3 U	7	40.2 J	3.3 U	23.1 U	14 U	25.5	
747ZW	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	
7740W	SELENIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5	5 U	5 U	5 U	5	
7841W	THALLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5	
9010W	CYANIDE	NA	10 U	NA	19.8	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	38.7	
SNZZW	TIN	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100	

PRODUCTION AREA
SHALLOW GROUNDWATER
INORGANIC DATA

SITE	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	II-S	II-S
LOCATOR	AOC13	AOC13	AOC13	AOC13	AOC13	AOC13	AOI15	AOI15	SMU11	SMU11	SMU11	SMU11	SMU2	SMU2	SMU7	SMU7	SMU8	SMU8	AOC13	AOC13
SAMPLE NUMBER	MW-1S*IB-3[D]	MW-1S*IB-3[T]	MW-2S*IB-3[D]	MW-2S*IB-3[T]	MW-3S*IB-3[D]	MW-3S*IB-3[T]	MW-16S*IB-3[D]	MW-16S*IB-3[T]	MW-14S*IB-3[D]	MW-14S*IB-3[T]	MW-4S*IB-3[D]	MW-4S*IB-3[T]	MW-10S*IB-3[D]	MW-10S*IB-3[T]	MW-12S*IB-3[D]	MW-12S*IB-3[T]	MW-13S*IB-3[D]	MW-13S*IB-3[T]	MW-20S*II-S[D]	MW-20S*II-S[T]
COLLECT DATE	9/12/91	33493	9/17/91	33498	9/17/91	33498	9/16/91	33497	9/11/91	33492	9/16/91	33497	9/13/91	33494	9/16/91	33497	9/13/91	33494	8/4/92	33820
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010W ANTIMONY	25 U	25 U	25 U	31	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	50 U
6010W BARIUM	110	110	220	280	34	56	18	64	47	170	40	47	16	62	15	23	68	120	27.1 J	44.9 J
6010W BERYLLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W CALCIUM	93000	110000	67000	66000	21000	22000	36000	37000	44000	50000	52000	51000	26000	26000	52000	56000	86000	90000	35000	35000
6010W CHROMIUM	10 U	11	10 U	10 U	10 U	36	10 U	150	10 U	58	10 U	10 U	10 U	37	10 U	10 U	10 U	19	10 U	16.4
6010W COBALT	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	27	10 U	10 U	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U
6010W COPPER	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	52	25 U	25 U	25 U	32	25 U	25 U	25 U	25 U	25 U	25 U
6010W IRON	2600	6200	2100	7200	9000	18000	6.5 U	4900	4300	15000	9700	12000	6.5 U	16000	11000	20000	2600	20000	21	14000
6010W MAGNESIUM	6200	6500	3500	3500	3200	3600	2100	2300	4400	5500	5500	5400	1900	3300	3900	5400	6400	6700	2800	5300
6010W MANGANESE	3700	3500	220	220	1200	1300	68	840	4700	4400	2400	2200	14	280	3400	3400	3400	3400	110	275
6010W NICKEL	40 U	40 U	40 U	40 U	40 U	40 U	40 U	90	40 U	65	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
6010W POTASSIUM	15000	15000	16000	16000	4000	4100	6600	6600	7700	7400	7900	7300	3200	3000	6700	6700	21000	21000	2900	3800
6010W SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
6010W SODIUM	79000	74000	18000	17000	23000	21000	23000	22000	85000	76000	52000	46000	25000	22000	28000	24000	170000	160000	15000	15000
6010W TIN	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
6010W VANADIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	65	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
6010W ZINC	20 U	160 U	20 U	820	20 U	42 U	20 U	59 U	20 U	150 U	20 U	20 U	20 U	190 U	20 U	20 U	20 U	140 U	30.1 U	52.5 U
7041W ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7060W ARSENIC	10 U	6.5	32	21	32	37	5 U	6	15	23	13	5 U	5 U	6.8	15	9.6	29	36	10 U	10 U
7421W LEAD	5 U	4.5 J	5 U	16	5 U	32	5 U	5 U	5 U	33	5 U	5 U	5 U	29	5 U	5 U	5 U	12	5 U	14
7472W MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7740W SELENIUM	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	R
7841W THALLIUM	10 U	50 U	10 U	50 U	10 U	50 U	10 U	50 U	10 U	10 U	10 U	50 U	10 U	50 U	10 U	50 U	10 U	50 U	10 U	10 U
9010W CYANIDE	NA	10 U	NA	33	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	11	NA	120	NA	10 U
SNZZW TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

PRODUCTION AREA
SHALLOW GROUNDWATER
INORGANIC DATA

	SITE	II-S		II-S		II-S		II-S		II-S		II-S		II-S		II-S		II-S		II-S		II-S		II-S	
	LOCATOR	AOC13		AOC13		AOC13		AOC13		AOC13		AOC13		AOC13		AOC13		AOC13		SMU11		SMU11		SMU11	
	SAMPLE NUMBER	MW-22S*II-S[D]		MW-22S*II-S[T]		MW-23S*II-S[D]		MW-23S*II-S[T]		MW-24S*II-S[D]		MW-24S*II-S[T]		MW-29S*II-S[D]		MW-29S*II-S[T]		MW-30S*II-S[D]		MW-30S*II-S[T]		MW-31S*II-S[D]		MW-31S*II-S[T]		MW-21S*II-S[D]		MW-21S*II-S[T]		MW-21SDUP*II-S[D]		MW-21SDUP*II-S[T]	
	COLLECT DATE	8/4/92		33820		8/4/92		33820		8/4/92		33820		8/5/92		33822		8/5/92		33822		8/5/92		33822		8/5/92		33821		8/5/92		33821	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	86.1		50	U	50	U	50	U	50	U
6010W	BARIUM	132	J	144	J	17.5	J	31.3	J	43.8	J	178	J	11.2	J	51.5	J	14.6	J	32.1	J	39.8	J	1140		56.3	J	197	J	56.8	J	177	J
6010W	BERYLLIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	20.4		5	U	5	U	5	U	5	U
6010W	CADMIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U
6010W	CALCIUM	58000		60000		28000		29000		23000		26000		13000		14000		21000		22000		27000		92000		25000		27000		23000		27000	
6010W	CHROMIUM	10	U	18.3		10	U	129		10	U	40.3		10	U	144		10	U	32.6		10	U	618		10	U	82.9		10	U	67.8	
6010W	COBALT	10	U	10	U	10	U	10	U	10	U	36.4	J	10	U	10	U	10	U	10	U	10	U	338		10	U	25.3	J	10	U	23.4	J
6010W	COPPER	25	U	25	U	25	U	29.6		25	U	87.6		25	U	53.8		25	U	67.8		25	U	551		25	U	50.9		25	U	56.4	
6010W	IRON	57		11000		60		9400		770		110000		25000		57000		8800		17000		6700		68000		2000		40000		1900		38000	
6010W	MAGNESIUM	10000		13000		4500		61000		2400		11000		3400		6700		3300		4400		6600		35000		3100		8900		3000		9500	
6010W	MANGANESE	250		380		290		516		5600		17000		240		450		700		770		1500		5000		760		1200		720		1100	
6010W	NICKEL	40	U	40	U	40	U	40	U	40	U	55.1		44.1		102		40	U	40	U	40	U	549		40	U	77.5		40	U	64.9	
6010W	POTASSIUM	21000		22000		2700		3000		3600		6500		2200		2900		3200		4100		2300		16000		3400		7200		3400		6530	
6010W	SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	SODIUM	22000		23000		24000		25000		19000		20000		23000		22000		21000		21000		29000		30000		160000		160000		170000		170000	
6010W	TIN	50	U	50	U	50	U	50	U	57.1		83.4		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
6010W	VANADIUM	10	U	10	U	10	U	10	U	10	U	24.1	J	10	U	10.8	J	10	U	10	U	10	U	757		10	U	65.4		10	U	60	
6010W	ZINC	41.4	U	49.3	U	40.2	U	51.2	U	31.2	U	117		22.3	U	103	U	23.2	U	382		20	U	1510		22.8	U	212		21.4	U	190	
7041W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7060W	ARSENIC	10	U	10	U	10	U	10	U	10	U	68.1		41.6		56.3		10	U	10	U	20.5		109		10.2		20.6		10	U	23.1	
7421W	LEAD	5	U	5	U	5	U	8.6		5	U	49.5		5	U	28.1		5	U	18		5	U	263		5	U	24.5		5	U	22.9	
747ZW	MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7740W	SELENIUM	10	U		R	10	U		R	10	U		R	50	U		R	10	U		R	10	U		R	10000	U		R	10	U		R
7841W	THALLIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U	20000	U
9010W	CYANIDE	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U
SNZZW	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in ug/l (ppb).
U - Undetected.
J - Estimated Result.
R- Rejected result.
NA- Not analyzed
[D] - Dissolved concentration (filtered sample).
[T] - Total concentration (unfiltered sample).

PRODUCTION AREA
DEEP AND BEDROCK GROUNDWATER
INORGANIC DATA

	PHASE-ROUND	IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		II-S		II-S		II-S		II-S		II-S	
	LOCATOR	AOC13		AOC13		AOC13		AOC13		AOI15		AOI15		SMU2		SMU2		SMU7		SMU7		AOC13		AOC13		AOC13		AOC13		AOC13	
	SAMPLE NUMBER	MW-1D*IB-3[D]		MW-1D*IB-3[T]		RW-1*IB-3[D]		RW-1*IB-3[T]		MW-16D*IB-3[D]		MW-16D*IB-3[T]		MW-10D*IB-3[D]		MW-10D*IB-3[T]		MW-12D*IB-3[D]		MW-12D*IB-3[T]		MW-29D*II-S[D]		MW-29D*II-S[T]		MW-30D*II-S[D]		MW-30D*II-S[T]		MW-31D*II-S[D]		MW-31D*II-S[T]	
	COLLECT DATE	9/11/91		9/11/91		9/17/91		9/17/91		9/12/91		9/12/91		9/12/91		9/12/91		9/11/91		9/11/91		8/6/92		8/6/92		8/6/92		8/6/92		8/6/92		8/6/92	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	50	U	50	U	50	U	50	U	50	U	50	U
7041W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7060W	ARSENIC	6.5		8.9		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25.9		54.9		61.7		120		25.3		42.8	
6010W	BARIUM	16		17		15		48		92		69		26		63		38		39		15.2	J	51.1	J	23.8	J	173	J	20.3	J	96.6	J
6010W	BERYLLIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	CADMIUM	5	U	5	U	5	U	5	U	6.5		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	CALCIUM	13000		14000		12000		39000		110000		110000		29000		32000		23000		24000		76000		80000		12000		22000		25000		30000	
6010W	CHROMIUM	50	U	10	U	10	U	10	U	12		12		10	U	35		10	U	10	U	10	U	112		10	U	115		10	U	53.9	
6010W	COBALT	10	U	15		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	12.3	J	10	U	55.5		10	U	18.5	J
6010W	COPPER	25	U	25	U	25	U	25	U	25	U	25	U	25	U	26		25	U	25	U	25	U	42.7		25	U	212		25	U	90	
6010W	IRON	27000		27000		6.5	U	230		33		670		180		9300		4200		6300		13000		43000		23000		135000		9100		47000	
7421W	LEAD	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	13.3		5	U	45.1		5	U	28.3	
6010W	MAGNESIUM	3500		3800		5000		6000		33		1700		5400		6600		5000		5000		19000		25000		3600		22000		6200		14000	
6010W	MANGANESE	4500		4200		1.5	U	180		5		63		2600		2600		570		590		2500		3000		2100		3500		1500000		2100	
747ZW	MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
6010W	NICKEL	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	73.4		45.2		184		40	U	46	
6010W	POTASSIUM	1700		1700		20000		20000		4400		4300		2700		3000		3500		3700		2900		6100		3800		10000		2200		4200	
7740W	SELENIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U		R	50	U		R	10	U		R
6010W	SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	SODIUM	27000		27000		24000		22000		30000		31000		22000		21000		30000		29000		100000		100000		26000		27000		30000		30000	
7841W	THALLIUM	10	U	10	U	10	U	50	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	TIN	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
SNZZW	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010W	VANADIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	17.2	J	10	U	80.2		10	U	35.4	J
6010W	ZINC	23		28	U	20	U	56	U	20	U	110	U	20	U	42	U	20	U	20	U	20	U	73.5	U	48.3	U	435		20	U	242	
9010W	CYANIDE	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U

All results in ug/l (ppb).
U - Undetected
J- Estimated Result.
R - Rejected Result.
NA - Not analyzed.
F - Estimated maximum concentration
[D] - Dissolved concentration (filtered sample).
[T] - Total concentration (unfiltered sample).

PRODUCTION AREA
DEEP AND BEDROCK GROUNDWATER
INORGANIC DATA

	PHASE-ROUND	IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-2		IB-2	
	LOCATOR	AOC13		AOC13		AOC13		AOC13		AOI15		AOI15		SMU2		SMU2		SMU7		SMU7		AOC13		AOC13		AOC13		AOI15		SMU2	
	SAMPLE NUMBER	MW-1D [D]		MW-1D [T]		RW-1*IB-1 [D]		RW-1*IB-1 [T]		MW-16D*IB-1 [D]		MW-16D*IB-1 [T]		MW-10D*IB-1 [D]		MW-10D*IB-1 [T]		MW-12D*IB-1 [D]		MW-12D*IB-1 [T]		MW-1D*IB-2 [D]		MW-1D*IB-2 [T]		RW-1*IB-2 [D]		RW-1*IB-2 [T]		MW-16D*IB-2 [D]		MW-10D*IB-2 [D]	
	COLLECT DATE	12/6/90		12/6/90		1/15/91		1/15/91		1/14/91		1/14/91		1/10/91		1/10/91		1/11/91		1/11/91		4/23/91		4/23/91		4/23/91		4/23/91		4/22/91		4/17/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7041W	ANTIMONY	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U	7	U
7060W	ARSENIC	5.3		7		4	U	4	U	4	U	4	U	4	U	4.3		4	U	4	U	4	U	5	J	4	U	4	U	4	U	4	U	4	U
6010W	BARIUM	14		23		17		48		245		251		35		65		23		41		17.8		19.5		21.4		33		135		137		30.2		131		31.2		43.9	
6010W	BERYLLIUM	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
6010W	CADMIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	CALCIUM	11700		13200		15200		49200		309000		317000		38100		38400		24900		23500		17000		18300		24400		33600		195000		201000		32300		35000		22800		22600	
6010W	CHROMIUM	10	U	10	U	10	U	10	U	24		32		10	U	30		10	U	15		10	U	10	U	10	U	10	U	24.6		25.5		10	U	95.3	J	10	U	10	U
6010W	COBALT	18		19		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	11.4		10	U	10	U	10	U	10	U	10	U	25.3		10	U	10	U
6010W	COPPER	20	U	54		20	U	20	U	20	U	20	U	20	U	21		20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	58.2		20	U	20	U
6010W	IRON	13800		16000		40	U	601		40	U	739		189	U	13700		979		12200		26700		31800		40	U	251		40	U	138		153		42400		3210		9540	
7421W	LEAD	4.2	U	6	U	51.9		14.9		3	U	4.8		3	U	10.5	U	3	U	9.3	U	4.1	U	7.9	U	6.8	U	7.4	U	15.1	U	14.4	U	4.4		31.9	J	11.8	U	19.7	U
6010W	MAGNESIUM	2610		3420		6410		7730		1000	U	1000	U	6990		8660		4540		5680		4340		4870		7280		7400		1000	U	1000	U	5790		12300		4860		5640	
6010W	MANGANESE	3810		3710		10		280		10	U	15		4380		4340		573		640		4030		4150		212		291		10	U	10	U	3320		3880		455		526	
7472W	MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
6010W	NICKEL	20	U	20	U	20	U	20	U	20	U	20	U	20	U	41		20	U	32		20	U	20	U	20	U	20	U	20	U	20	U	20	U	103	J	20	U	21.4	
6010W	POTASSIUM	3000	U	3000	U	12300		10300		10300		10600		3770		4830		9460		8590		3000	U	3000	U	5190		6200		5720	J	5850	U	3000	U	4420		4320	J	3160	U
7740W	SELENIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	SODIUM	25800		28100		19400		18200		29000		29100		24500		26100		37500		34000		27200		27000		15100		15700		30500		31200		22300		24400		31100		30200	
7841W	THALLIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SNZZW	TIN	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
6010W	VANADIUM	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	27.2		20	U	20	U	20	U
6010W	ZINC	20	U	27	U	20	U	20		20	U	20	U	20	U	39	U	20	U	29		20	U	23.9		20	U	20	U	20	U	20	U	96.3		20	U	52.7	
9010W	CYANIDE	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U	NA		10	U

WARW[illegible]EA
GROUNDWATER
ORGANIC DATA

PM7/26/95

	SITE	IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-3		IB-3		IB-3		IB-3	
	LOCATOR	AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5	
	SAMPLE NUMBER	MW-17D*IB-1		MW-17S*IB-1		MW-11S*IB-1		MW-6S*IB-1		RW-3*IB-1		MW-17D*IB-2		MW-17S*IB-2		MW-11S*IB-2		MW-6S*IB-2		RW-3*IB-2		MW-17D*IB-3		MW-17S*IB-3		MW-11S*IB-3		MW-6S*IB-3		RW-3*IB-3	
	COLLECT DATE	1/8/91		1/8/91		1/8/91		1/7/91		1/7/91		4/15/91		4/15/91		4/16/91		4/15/91		4/16/91		9/10/91		9/10/91		9/10/91		9/10/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
W	2,4-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2,6-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2,6-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-ACETYLAMINOFLUORENE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	20	U	20	U	20	U	20	U	20	U
W	2-CHLORONAPHTHALENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-CHLOROPHENOL	10	U	10	U	11	J	10	U	10	U	9.5	U	9.5	U	6	J	9.5	U	9.5	U	10	U	10	U	1.7	J	10	U	10	U
W	2-METHYLNAPHTHALENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-NITROANILINE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	2-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	2-PICOLINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U
W	3,3'-DICHLOROBENZIDINE	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	20	U	20	U	20	U	20	U	20	U
W	3,3'-DIMETHYLBENZIDINE	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	10	U	10	U	10	U	10	U	10	U
W	3-METHYLCHOLANTHRENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	3-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	NA		NA		NA		NA		NA	
W	3-NITROANILINE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	4,6-DINITRO-2-METHYLPHENOL	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	4-AMINOBIPHENYL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	20	U	20	U	20	U	20	U	20	U
W	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	4-CHLORO-3-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	4-CHLOROANILINE	10	U	10	U	21		10	U	10	U	9.5	U	9.5	U	5	J	9.5	U	9.5	U	10	U	10	U	0.9	J	10	U	10	U
W	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	4-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	NA		NA		NA		NA		NA	
W	4-NITROANILINE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	4-NITROPHENOL	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R		R		R		R		R		100	U	100	U	100	U	100	U
W	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	7,12-DIMETHYLBENZ(A)ANTHRACENE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	10	U	10	U	10	U	10	U	10	U
W	ACENAPHTHENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ACENAPHTHYLENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ACETOPHENONE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ANILINE	10	U	10	U	7	J	10	U	10	U	9.5	U	9.5	U	2	J	9.5	U	9.5	U	50	U	50	U	50	U	50	U	50	U
W	ANTHRACENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ARAMITE	98	U	95	U	100	U	100	U	100	U	95	U	95	U	96	U	95	U	95	U	100	U	100	U	100	U	100	U	100	U
W	BENZO(A)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(A)PYRENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(B)FLUORANTHENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(K)FLUORANTHENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BENZYL ALCOHOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	2	J	9.5	U	9.5	U	10	U	10	U	0.7	J	10	U	10	U
W	BIS(2-ETHYLHEXYL)PHTHALATE	3	U	2	U	2	U	7	U	4	U	12	U	9.5	U	9.6	U	9.5	U	26	U	0.3	U	0.7	U	1.8	U	0.9	U	0.7	U
W	BUTAZOLIDIN	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	500	U	500	U	500	U	500	U	500	U
W	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	CHLOROBENZILATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	NA		NA		NA		NA		NA	
W	CHRYSENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DCDD	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA	
W	DCDF	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA	
W	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	0.7	J	10	U	10	U	10	U	10	U
W	*DI-N-OCTYLPHTHALATE*	10	U	10	U	1	J	10	U	1	J	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DIALLATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DIBENZA,H)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DIBENZOFURAN	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DIETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	2.3	J	0.7	J	10	U
W	DIMETHYLPHENETHYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	1000	U	1000	U	1000	U	1000	U	1000	U
W	DIMETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		50	U	50	U	50	U	50	U
W	DIPHENYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ETHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	20	U	20	U	20	U	20	U	20	U
W	FLUORANTHENE	10	U	10	U	10	U	10	U	1	J	9.5	U	9.5	U	9.6	U	9.5	U	1	J	10	U	10	U	10	U	10	U	10	U
W	*FLUORENE*	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROBUTADIENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROETHANE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROPHENE	NA		NA		NA		NA		NA		1900	U	1900	U	1900	U	1900	U	1900	U	NA		NA		NA		NA	
W	HEXACHLOROPROPENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	*IRGASAN DP-300*	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	100	U	100	U	100	U	100	U	100	U
W	ISOPHORONE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	ISOSAFROLE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	METHAPYRILENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	1000	U	1000	U	1000	U	1000	U	1000	U
W	METHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	20	U	20	U	20	U	20	U	20	U
W	N-NITROSODIMETHYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIPHENYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	NA		NA		NA		NA		NA	
W	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U
W	N-NITROSOMORPHOLINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOPIPERIDINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	20	U	20	U	20	U	20	U	20	U
W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	40	U	40	U	40	U	40	U	40	U
W	NAPHTHALENE	10	U	10	U	4	J	10	U	10	U	9.5	U	9.5	U	1	J	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	NITROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U
W	O-TOLUIDINE	10	U	10	U	6	J	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	P-DIMETHYLAMINOAZOBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	P-PHENYLENEDIAMINE	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	1000	U	1000	U	1000	U	1000	U	1000	U
W	PENTACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	PENTACHLOROETHANE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	NA		NA		NA		NA		NA	
W	*PENTACHLORONITROBENZENE*	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	100	U	100	U	100	U	100	U	100	U
W	PENTACHLOROPHENOL	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	PHENACETIN	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	20	U	20	U	20	U	20	U	20	U
W	PHENANTHRENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	PHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	3	J	9.5	U	9.5	U	10	U	10	U	1.5	J	10	U	10	U
W	PRONAMIDE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	PROPAZINE	49	U	48	U	7	J	35	J	50	U	48	U	48	U	48	U	48	U	15	J	48	U	200	U	200	U	200	U	16	J
W	PYRENE	10	U	10	U	10	U	10	U	2	J	9.5	U	9.5	U	9.6	U	9.5	U	0.94	J	10	U	10	U	10	U	10	U	0.6	J
W	PYRIDINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	100	U	100	U	100	U	100	U	100	U
W	SAFROLE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
W	TINUVIN 327	49	U	48	U	4	J	3	J	50	U	48	U	48	U	1	J	48	U	48	U	100	U	100	U	0.8	J	100	U	100	U
W	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	TOFRANIL	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U
W	TRCDD	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA	
W	TRCDF	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	NA		NA		NA		NA		NA	
WZW	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	
WZW	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARW[illegible]EA
GROUN[illegible]TER
ORGANIC DATA

PM7/26/95

	SITE	IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-3		IB-3		IB-3		IB-3		IB-3	
	LOCATOR	AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5		SMU5	
	SAMPLE NUMBER	MW-17D*IB-1		MW-17S*IB-1		MW-11S*IB-1		MW-6S*IB-1		RW-3*IB-1		MW-17D*IB-2		MW-17S*IB-2		MW-11S*IB-2		MW-6S*IB-2		RW-3*IB-2		MW-17D*IB-3		MW-17S*IB-3		MW-11S*IB-3		MW-6S*IB-3		RW-3*IB-3	
	COLLECT DATE	1/8/91		1/8/91		1/8/91		1/7/91		1/7/91		4/15/91		4/15/91		4/18/91		4/15/91		4/16/91		9/10/91		9/10/91		9/10/91		9/10/91		9/10/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
0W	4,4'-DDD	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	4,4'-DDE	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	4,4'-DDT	0.023		0.019	U	0.04	U	0.02	U	0.019	U	0.019	U	0.019	U	0.19	U	0.019	U	0.019	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	ALDRIN	0.025		0.0096	U	0.089		0.028		0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	ALPHA-BHC	0.015		0.0096	U	0.037	J	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	ALPHA-CHLORDANE	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	BETA-BHC	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	DELTA-BHC	0.0095	U	0.0096	U	0.02	U	0.01	U	0.017		0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	DIELDRIN	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	ENDOSULFAN I	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	ENDOSULFAN II	0.029	U	0.029	U	0.06	U	0.031	U	0.029	U	0.029	U	0.028	U	0.29	U	0.029	U	0.028	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	ENDOSULFAN SULFATE	0.048	U	0.048	U	0.1	U	0.051	U	0.048	U	0.049	U	0.047	U	0.48	U	0.049	U	0.047	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	ENDRIN	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	ENDRIN ALDEHYDE	0.019	U	0.019	U	0.04	U	0.02	U	0.019	U	0.019	U	0.019	U	0.19	U	0.019	U	0.019	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	GAMMA-BHC	0.018		0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.14	J	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	GAMMA-CHLORDANE	0.0095	U	0.0096	U	0.02	U	0.016		0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
0W	HEPTACHLOR	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	R		0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	HEPTACHLOR EPOXIDE	0.0095	U	0.0041	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	ISODRIN	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
0W	KEPONE	0.0095	U	0.0096	U	0.02	U	0.01	U	0.0095	U	0.0097	U	0.0095	U	0.095	U	0.0097	U	0.0095	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
0W	METHOXYCHLOR	0.048	U	0.048	U	0.1	U	0.051	U	0.048	U	0.049	U	0.047	U	0.48	U	0.049	U	0.047	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1016	0.095	U	0.096	U	0.2	U	0.1	U	0.095	U	0.097	U	0.095	U	0.95	U	0.097	U	0.095	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1221	0.19	U	0.19	U	0.4	U	0.2	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1232	0.19	U	0.19	U	0.4	U	0.2	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1242	0.095	U	0.096	U	0.2	U	0.1	U	0.095	U	0.097	U	0.095	U	0.95	U	0.097	U	0.095	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1248	0.095	U	0.096	U	0.2	U	0.1	U	0.095	U	0.097	U	0.095	U	0.95	U	0.097	U	0.095	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
0W	PCB-1254	0.19	U	0.19	U	0.4	U	0.2	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	1	U	1	U	1	U	1	U	1	U
0W	PCB-1260	0.19	U	0.19	U	0.4	U	0.2	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	1	U	1	U	1	U	1	U	1	U
0W	TOXAPHENE	0.48	U	0.48	U	1	U	0.51	U	0.48	U	0.49	U	0.47	U	4.8	U	0.49	U	0.47	U	1	U	1	U	1	U	1	U	1	U
ZW	DIMETHOATE	0.96	U	0.96	U	1	U	0.44	J	1	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	4	U	4	U	4	U	4	U	4	U
ZW	DISULFOTON	0.96	U	0.96	U	1	U	0.95	U	1	U	0.95	U	0.95	U	0.95	U	0.95	U	0.95	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
ZW	ETHYL PARATHION	0.72	U	0.72	U	0.77	U	0.71	U	0.75	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
ZW	FAMPHUR	2.4	U	2.4	U	2.6	U	2.4	U	2.5	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
ZW	METHYL PARATHION	0.14	U	0.14	U	0.15	U	0.14	U	0.15	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.8	U	4.8	U	5.2	U	4.8	U	5	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	NA		NA		NA		NA		NA	
ZW	PHORATE	0.72	U	0.72	U	0.77	U	0.71	U	0.75	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
ZW	SULPOTEPP	0.48	U	0.48	U	0.52	U	0.48	U	0.5	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
ZW	THIONAZIN	4.8	U	4.8	U	5.2	U	4.8	U	5	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ZW	2,4,5-T	0.19	U	0.19	U	0.11	J	0.2	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
ZW	2,4,5-TP (SILVEX)	0.16	U	0.16	U	0.17	U	0.17	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16	U	0.16	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ZW	2,4-D	1.1	U	1.1	U	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
ZW	DINOSEB	0.14	U	0.14	U	R		0.15	U	0.15	U	0.15	U	0.14	U	0.04	J	0.14	U	0.14	U	NA		NA		NA		NA		NA	
0W	1,1,1,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,1,1-TRICHLOROETHANE	5	U	34		5	U	5	U	5	U	5	U	23		5	U	5	U	5	U	5	U	2.9	J	25	U	5	U	5	U
0W	1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,1,2-TRICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,1-DICHLOROETHANE	5	U	4.1	J	2.1	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,1-DICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,2,3-TRICHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,2-DIBROMO-3-CHLOROPROPANE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U	10	U	50	U	10	U	10	U
0W	1,2-DIBROMOETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,2-DICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	1,2-DICHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	2-BUTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	R		R		R		R		R	
0W	2-CHLORO-1,3-BUTADIENE	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	5	U	5	U	25	U	5	U	5	U
0W	2-HEXANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	50	U	250	U	50	U	50	U
0W	3-CHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	10	U	50	U	10	U	10	U
0W	4-METHYL-2-PENTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	50	U	250	U	50	U	50	U
0W	ACETONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	100	U	100	U	500	U	100	U	100	U
0W	ACETONITRILE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	R		R		R		R		R	
0W	ACROLEIN	R		R		R		R		R		R		R		R		R		R		R		R		R		R	
0W	ACRYLONITRILE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	100	U	100	U	500	U	100	U	100	U
0W	BENZENE	5	U	5	U	35		5	U	5	U	5	U	5	U	13	J	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	BROMODICHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	BROMOFORM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	BROMOMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
0W	CARBON DISULFIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	CARBON TETRACHLORIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	CHLOROBENZENE	5	U	5	U	3500		1.8	J	5	U	5	U	5	U	780	J	1.1	J	5	U	5	U	5	U	390		5	U	5	U
0W	CHLOROETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
0W	CHLOROFORM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	CHLOROMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
0W	CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	DIBROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	DIBROMOMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	DICHLORODIFLUOROMETHANE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	50	U	50	U	250	U	50	U	50	U
0W	ETHYL METHACRYLATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	5	U	5	U	25	U	5	U	5	U
0W	ETHYLBENZENE	5	U	5	U	2.7	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	IODOMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	15	U	5	U	5	U
0W	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
0W	M&P-XYLENE	5	U	5	U	1.8	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25000	U	5	U	5	U
0W	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		100	U	100	U	500	U	100	U	100	U
0W	METHYL METHACRYLATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	5	U	5	U	25	U	5	U	5	U
0W	METHYLENE CHLORIDE	12	U	4	U	5	U	5	U	5	U	5	U	5	U	110	U	5	U	7.3	U	5	U	5	U	25	U	5	U	5	U
0W	O-XYLENE	5	U	5	U	0.8	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	R		10	U	10	U
0W	PROPANENITRILE	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	500	U	100	U	100	U
0W	STYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TETRACHLOROETHENE	5	U	5	U	8.4		5	U	5	U	5	U	5	U	4	J	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TOLUENE	2	J	5	U	31		5	U	5	U	5	U	5	U	50	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
0W	TRICHLOROETHENE	5	U	2.1	J	2	J	5	U	5	U	5	U	1.3	J	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
0W	TRICHLOROFLUOROMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
0W	VINYL ACETATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	10	U	50	U	10	U	10	U
0W	VINYL CHLORIDE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
DW	1,4-DIOXANE	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	NA		NA		NA		NA		NA	
DW	ISOBUTANOL	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	NA		NA		NA		NA		NA	
DW	*METHACRYLONITRILE*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	*10000*	*U*	NA		NA		NA		NA		NA	
0W	1,2,4,5-TETRACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1,2,4-TRICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1,2-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		50	U	50	U	50	U	50	U	50	U
0W	1,3-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1,3-DINITROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	50	U	50	U	50	U	50	U	50	U
0W	1,4-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U
0W	1,4-NAPHTHOQUINONE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	1-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	2,2'-OXYBIS(1-CHLOROPROPANE)	10	U	10	U	28		10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	2,3,4,6-TETRACHLOROPHENOL	20	U	19	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	10	U	10	U	10	U	10	U	10	U
0W	2,4,5-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	50	U	50	U	50	U	50	U	50	U
0W	2,4,6-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	2,4-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	9.5	U	9.5	U	9.6	U	9.5	U	9.5	U	10	U	10	U	10	U	10	U	10	U
0W	*2,4-DIMETHYLPHENOL*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*9.5*	*U*	*9.5*	*U*	*9.6*	*U*	*9.5*	*U*	*9.5*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*	*10*	*U*
0W	2,4-DINITROPHENOL	49	U	48	U	51	U	51	U	50	U	48	U	48	U	48	U	48	U	48	U	50	U	50	U	50	U	50	U	50	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARW[illegible]EA
GROU[illegible]TER
ORGANIC DATA

SITE	IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-3		IB-3		IB-3		IB-3		IB-3	
LOCATOR	AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5		SMU5		AOI16		AOI16		SMU5		SMU5		SMU5	
SAMPLE NUMBER	MW-17D*IB-1		MW-17S*IB-1		MW-11S*IB-1		MW-6S*IB-1		RW-3*IB-1		MW-17D*IB-2		MW-17S*IB-2		MW-11S*IB-2		MW-6S*IB-2		RW-3*IB-2		MW-17D*IB-3		MW-17S*IB-3		MW-11S*IB-3		MW-6S*IB-3		RW-3*IB-3	
COLLECT DATE	1/8/91		1/8/91		1/8/91		1/7/91		1/7/91		4/15/91		4/15/91		4/18/91		4/15/91		4/16/91		9/10/91		9/10/91		9/10/91		9/10/91		9/10/91	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
ZW 1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW 1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW 2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW 2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW 2,3,7,8-TCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW 2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW HXCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW HXCDF	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R	
ZW PECDD	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW PECDF	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW TCDD	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
ZW TCDF	R		R		R		R		R		R		R		R		R		R		R		R		R		R		R	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
E - Estimated maximum concentration.

WARW[illegible]REA
GROUNDWATER
ORGANIC DATA

SITE	II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-2		II-2		II-2		II-2	
LOCATOR	SMU16		SMU16		SMU5		SMU5		SMU5		SMU5		SMU5		SMU-16		SMU-5		SMU-5		SMU-5	
SAMPLE NUMBER	MW-17S*II-1		MW-32S*II-1		FB082593*II-1		MW-11D*II-1		MW-11S*II-1		MW-26S*II-1		MW-6S*II-1		MW-DUP1*II-1		MW-32S*II-2		MW-11D*II-2		MW-26S*II-2		MW-DUP1*II-2	
COLLECT DATE	8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/25/93		5/2/94		5/3/94		5/3/94		5/3/94	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
CHLOROBENZILATE	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
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
GAMMA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.052	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ISODRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
KEPONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
METHOXYCHLOR	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
PCB-1016	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
PCB-1221	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
PCB-1232	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
PCB-1242	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
PCB-1248	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
PCB-1254	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
PCB-1260	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIMETHOATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
DISULFOTON	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
ETHYL PARATHION	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
FAMPHUR	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
METHYL PARATHION	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
O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
PHORATE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
SULPOTEPP	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
THIONAZIN	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4,5-T	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
2,4,5-TP (SILVEX)	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
2,4-D	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
DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,1,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-TRICHLOROETHANE	5	U	5.4		5	U	5	U	25	U	5	U	5	U	5	U	11		5	U	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-TRICHLOROPROPANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DIBROMOETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-BUTANONE	25	U	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
2-CHLORO-1,3-BUTADIENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-HEXANONE	25	U	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
3-CHLOROPROPENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	25	U	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
ACETONE	25	U	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
ACETONITRILE	1000	U	1000	U	1000	U	1000	U	5000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U	1000	U
ACROLEIN	100	U	100	U	100	U	100	U	500	U	100	U	100	U	100	U	R		R		R		R	
ACRYLONITRILE	100	U	100	U	100	U	100	U	500	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
BENZENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOFORM	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOMETHANE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	5	U	5	U	5	U	5	U	920		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROBENZENE	5	U	5	U	5	U	5	U	590		5	U	5	U	670		5	U	5	U	5	U	5	U
CHLOROETHANE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROFORM	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROMETHANE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBROMOMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYL METHACRYLATE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYLBENZENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
IODOMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOBUTANOL	1000	U	1000	U	1000	U	1000	U	5000	U	1000	U	1000	U	1000	U	R		R		R		R	
M&P-XYLENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHACRYLONITRILE	100	U	100	U	100	U	100	U	500	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
METHYL METHACRYLATE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYLENE CHLORIDE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-XYLENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PENTACHLOROETHANE	25	U	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
PROPANENITRILE	100	U	100	U	100	U	100	U	500	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
STYRENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TOLUENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	R		R		R		R	
TRICHLOROETHENE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRICHLOROFLUOROMETHANE	5	U	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
VINYL ACETATE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	10	U	10	U	10	U	10	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4,5-TETRACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-TRICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-TRINITROBENZENE	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
1,3-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,3-DINITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-DIOXANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,4-NAPHTHOQUINONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-OXYBIS(1-CHLOROPROPANE)	10	U	10	U	10	U	10	U	7	J	10	U	10	U	7.3	J	10	U	10	U	10	U	10	U
2,3,4,6-TETRACHLOROPHENOL	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
2,4,5-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DIMETHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROPHENOL	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	R		R		R		R	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
P - Estimated maximum concentration.

WARWIC[illegible]
GROUND[illegible]R
ORGANIC DATA

	SITE	II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-2		II-2		II-2		II-2	
	LOCATOR	SMU16		SMU16		SMU5		SMU5		SMU5		SMU5		SMU5		SMU-16		SMU-5		SMU-5		SMU-5	
	SAMPLE NUMBER	MW-17S*II-1		MW-32S*II-1		FB082593*II-1		MW-11D*II-1		MW-11S*II-1		MW-26S*II-1		MW-6S*II-1		MW-DUP1*II-1		MW-32S*II-2		MW-11D*II-2		MW-26S*II-2		MW-DUP1*II-2	
	COLLECT DATE	8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/25/93		5/2/94		5/3/94		5/3/94		5/3/94	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
/	2,4-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2,6-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2,6-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-ACETYLAMINOFLUORENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-CHLORONAPHTHALENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-CHLOROPHENOL	10	U	10	U	10	U	10	U	4	J	10	U	10	U	3.9	J	10	U	10	U	10	U	10	U
/	2-METHYLNAPHTHALENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-NITROANILINE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
/	2-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	2-PICOLINE	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
/	3&4-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	3,3'-DICHLOROBENZIDINE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
/	3,3'-DIMETHYLBENZIDINE	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
/	3-METHYLCHOLANTHRENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
/	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
/	3-NITROANILINE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
/	4,6-DINITRO-2-METHYLPHENOL	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
/	4-AMINOBIPHENYL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	4-CHLORO-3-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	4-CHLOROANILINE	20	U	20	U	20	U	20	U	1.8	J	20	U	20	U	20	U	20	U	20	U	20	U	20	U
V	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
V	4-NITROANILINE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
V	4-NITROPHENOL	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
V	4-NITROQUINOLINE-N-OXIDE	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	R		R		R		R	
V	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	7,12-DIMETHYLBENZ(A)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ACENAPHTHENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ACENAPHTHYLENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ACETOPHENONE	10	U	10	U	1.4	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ANILINE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
V	ANTHRACENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ARAMITE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	R		R		R		R	
V	BENZO(A)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BENZO(A)PYRENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BENZO(B)FLUORANTHENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BENZO(K)FLUORANTHENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BENZYL ALCOHOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U	10	U	1.4	J	10	U	10	U	1.6	J	10	U	10	U	10	U	10	U
V	BIS(2-ETHYLHEXYL)PHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	BUTAZOLIDIN	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
V	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
V	CHRYSENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DCDD	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
V	DCDF	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
V	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DI-N-OCTYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIALLATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIBENZ(A,H)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIBENZOFURAN	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIMETHYLPHENETHYLAMINE	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
V	DIMETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DINOSEB	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	DIPHENYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	ETHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	FLUORANTHENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	FLUORENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	HEXACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	HEXACHLOROBUTADIENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
V	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	HEXACHLOROPROPENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	IRGASAN DP-300	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ISOPHORONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ISOSAFROLE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	METHAPYRILENE	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
W	METHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIMETHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	N-NITROSOMETHYLETHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOMORPHOLINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOPIPERIDINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	NAPHTHALENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	NITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	O-TOLUIDINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	P-DIMETHYLAMINOAZOBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	P-PHENYLENEDIAMINE	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
W	PENTACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	PENTACHLORONITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PENTACHLOROPHENOL	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	PHENACETIN	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PHENANTHRENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PRONAMIDE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PROPAZINE	20	U	20	U	20	U	20	U	19	J	20	U	20	U	22		20	U	20	U	20	U	20	U
W	PYRENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PYRIDINE	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U	200	U
W	SAFROLE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	TINUVIN 328	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	TOFRANIL	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
W	TRCDD	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
W	TRCDF	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
ZW	1,2,3,4,6,7,8-HPCDD	0.00055	U	0.00062	U	NA		0.00057	U	0.00051	U	0.0016	U	0.00066	U	0.00056	U	0.00039	U	0.00052	U	0.00054	U	0.00049	U
ZW	1,2,3,4,6,7,8-HPCDF	0.00029	U	0.00035	U	NA		0.00028	U	0.00034	U	0.0015	U	0.00033	U	0.00029	U	0.00069	U	0.00082	U	0.00065	U	0.00069	U
ZW	1,2,3,4,7,8,9-HPCDF	0.00036	U	0.00044	U	NA		0.00037	U	0.00042	U	0.002	U	0.00041	U	0.00037	U	0.00077	U	0.00093	U	0.00073	U	0.00078	U
ZW	1,2,3,4,7,8-HXCDD	0.00033	U	0.00036	U	NA		0.00034	U	0.00035	U	0.0017	U	0.00039	U	0.00033	U	0.0011	U	0.0011	U	0.0011	U	0.0012	U
ZW	1,2,3,4,7,8-HXCDF	0.00019	U	0.00025	U	NA		0.00021	U	0.00026	U	0.0015	U	0.00021	U	0.0002	U	0.00067	U	0.00097	U	0.00082	U	0.00094	U
ZW	1,2,3,6,7,8-HXCDD	0.00033	U	0.00037	U	NA		0.00035	U	0.00036	U	0.0017	U	0.0004	U	0.00034	U	0.001	U	0.0011	U	0.00095	U	0.0011	U
ZW	1,2,3,6,7,8-HXCDF	0.00017	U	0.00023	U	NA		0.0002	U	0.00024	U	0.0013	U	0.00019	U	0.00018	U	0.00059	U	0.00088	U	0.00072	U	0.00084	U
ZW	1,2,3,7,8,9-HXCDD	0.0003	U	0.00034	U	NA		0.00032	U	0.00033	U	0.0017	U	0.00037	U	0.00031	U	0.001	U	0.0011	U	0.00095	U	0.0011	U
ZW	1,2,3,7,8,9-HXCDF	0.00022	U	0.00029	U	NA		0.00024	U	0.00031	U	0.0018	U	0.00025	U	0.00023	U	0.00076	U	0.0011	U	0.00093	U	0.0011	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
P - Estimated maximum concentration.

WARW[illegible]A
GROUND[illegible]ER
ORGANIC DATA

SITE	II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-2		II-2		II-2		II-2	
LOCATOR	SMU16		SMU16		SMU5		SMU5		SMU5		SMU5		SMU5		SMU-16		SMU-5		SMU-5		SMU-5	
SAMPLE NUMBER	MW-17S*II-1		MW-32S*II-1		FB082593*II-1		MW-11D*II-1		MW-11S*II-1		MW-26S*II-1		MW-6S*II-1		MW-DUP1*II-1		MW-32S*II-2		MW-11D*II-2		MW-26S*II-2		MW-DUP1*II-2	
COLLECT DATE	8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/24/93		8/25/93		8/25/93		5/2/94		5/3/94		5/3/94		5/3/94	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2,3,7,8-PECDD	0.00028	U	0.00028	U	NA		0.00026	U	0.00031	U	0.0014	U	0.00034	U	0.0003	U	0.0011	U	0.0014	U	0.0011	U	0.0012	U
2,3,7,8-PECDF	0.00016	U	0.00017	U	NA		0.00019	U	0.00021	U	0.0011	U	0.00019	U	0.00018	U	0.00083	U	0.0012	U	0.0008	U	0.00089	U
1,4,6,7,8-HXCDF	0.00019	U	0.00026	U	NA		0.00022	U	0.00028	U	0.0015	U	0.00022	U	0.0002	U	0.00068	U	0.00097	U	0.00083	U	0.00094	U
1,4,7,8-PECDF	0.00017	U	0.00018	U	NA		0.0002	U	0.00023	U	0.0011	U	0.0002	U	0.00019	U	0.00092	U	0.0013	U	0.00089	U	0.00097	U
2,7,8-TCDD	0.00022	U	0.00023	U	NA		0.00025	U	0.00023	U	0.00084	U	0.00027	U	0.00031	U	0.00054	U	0.00062	U	0.00065	U	0.00043	U
2,7,8-TCDF	0.00023	U	0.00029	U	NA		0.00026	U	0.0003	U	0.00082	U	0.00025	U	0.00029	U	0.0012	U	0.0016	U	0.0015	U	0.0013	U
PCDD	0.00055	U	0.00062	U	NA		0.00057	U	0.00051	U	0.0016	U	0.00066	U	0.00056	U	0.00039	U	0.00052	U	0.00054	U	0.00049	U
PCDF	0.00029	U	0.00035	U	NA		0.00028	U	0.00034	U	0.0015	U	0.00033	U	0.00029	U	0.00069	U	0.00082	U	0.00065	U	0.00069	U
XCDD	0.0003	U	0.00034	U	NA		0.00032	U	0.00033	U	0.0017	U	0.00037	U	0.00031	U	0.001	U	0.0011	U	0.00095	U	0.0011	U
XCDF	0.00017	U	0.00023	U	NA		0.0002	U	0.00024	U	0.0013	U	0.00019	U	0.00018	U	0.00059	U	0.00088	U	0.00072	U	0.00084	U
CDD	0.001	U	0.0034	U	NA		0.0021	U	0.0016	U	0.0046	U	0.0012	J	0.0014	U	0.001	U	0.0014	U	0.0014	U	0.0015	U
CDF	0.00093	U	0.00081	U	NA		0.00082	U	0.00082	U	0.0029	U	0.00084	U	0.001	U	0.00069	U	0.00096	U	0.0008	U	0.001	U
ECDD	0.00028	U	0.00028	U	NA		0.00026	U	0.00031	U	0.0014	U	0.00034	U	0.0003	U	0.0011	U	0.0014	U	0.0011	U	0.0012	U
ECDF	0.00016	U	0.00017	U	NA		0.00019	U	0.00021	U	0.0011	U	0.00019	U	0.00018	U	0.00083	U	0.0012	U	0.0008	U	0.00089	U
CDD	0.00022	U	0.00023	U	NA		0.00025	U	0.00023	U	0.00084	U	0.00027	U	0.00031	U	0.00054	U	0.00062	U	0.00065	U	0.00043	U
CDF	0.00023	U	0.00029	U	NA		0.00026	U	0.0003	U	0.00082	U	0.00025	U	0.00029	U	0.0012	U	0.0016	U	0.0015	U	0.0013	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
E - Estimated maximum concentration.

WARWICK AREA
GROUNDWATER INORGANIC DATA

	SITE	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-1	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-2	IB-3
	LOCATOR	AOI16/MW17D	AOI16/MW17D	AOI16/MW17S	AOI16/MW17S	SMU5/MW11S	SMU5/MW11S	SMU5/MW6S	SMU5/MW6S	SMU5/RW3	SMU5/RW3	AOI16/MW17D	AOI16/MW17D	AOI16/MW17S	AOI16/MW17S	SMU5/MW11S	SMU5/MW11S	SMU5/MW6S	SMU5/MW6S	SMU5/RW3	SMU5/RW3	AOI16/MW17D
	SAMPLE NUMBER	MW-17D [D]	MW-17D [T]	MW-17S [D]	MW-17S [T]	MW-11S [D]	MW-11S [T]	MW-6S*IB-1 [D]	MW-6S*IB-1 [T]	RW-3*IB-1 [D]	RW-3*IB-1 [T]	MW-17D*IB-2 []	MW-17D*IB-2 [T]	MW-17S*IB-2 []	MW-17S*IB-2 [T]	MW-11S*IB-2 []	MW-11S*IB-2 [T]	MW-6S*IB-2 []	MW-6S*IB-2 [T]	RW-3*IB-2 []	RW-3*IB-2 [T]	MW-17D*IB-3[D]
	COLLECT DATE	1/8/91	1/8/91	1/8/91	1/8/91	1/8/91	1/8/91	1/7/91	1/7/91	1/7/91	1/7/91	4/15/91	4/15/91	4/15/91	4/15/91	4/18/91	4/18/91	4/15/91	4/15/91	4/16/91	4/16/91	9/10/91
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25 U
6010W	BARIUM	34	44	58	138	20	31	39	81	190	200	39.9	75.7	37.6	70.2	18.6	33.5	34.6	45.6	306	298	45
6010W	BERYLLIUM	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	3.5	2.8	2 U	2.4	2 U	2 U	5 U
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	11.6 J	17.8 J	5 U	5 U	5 U	5 U	5 U
6010W	CALCIUM	33500 J	35100 J	16700 J	20600 J	30300 J	30700 J	34300 J	34400 J	190000 J	203000 J	42600	45500	17000	17700	24900	23700	31300	33000	332000	328000	42000
6010W	CHROMIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	32 U	10 U	12.8	10 U	19.2	12.3	41.4 J	10 U	10 U	10 U	10.8	10 U
6010W	COBALT	10 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.7	10 U	10 U	10 U	10 U	10 U
6010W	COPPER	20 U	20 U	20 U	43	20 U	20 U	20 U	20 U	20 U	20 U	20 U	23	20 U	20 U	20 U	49.6	20 U	20 U	20 U	20 U	25 U
6010W	IRON	40 U	4530 J	40 U	52400 J	5380 J	14600 J	5040 J	20600 J	43 U	698 J	53.8	14600	52.8	22400	3100	26500	5700	9650	40 U	200	6.5 U
6010W	MAGNESIUM	3550	4510	2250	5740	2960	3310	2520	3600	1000 U	1000 U	5970	8710	2440	3820	3050	3500	2170	2310	1000 U	1000 U	6000
6010W	MANGANESE	149	273	581	1330	456	475	343	427	10 U	15	600	902	417	720	281	302	424	449	10 U	10 U	750
6010W	NICKEL	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	40 U
6010W	POTASSIUM	17100	15400	13800	17000	3250	3380	5590	6230	11100	11000	3000 U	3290	5550 J	6720	3140	3060	4970 J	5280	11800 J	11700	2200
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	14.1 J	10.5 J	10 U	10 U	10 U	10 U	10 U
6010W	SODIUM	16900	18100	21900	24500	9900	11700	14200	14900	61300	61800	13400	15100	19100	19800	11700	12300	12700	13000	34600	34500	15000
6010W	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50 U
6010W	VANADIUM	20 U	20 U	20 U	22	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U
6010W	ZINC	20 U	31 J	20 U	82 J	1520 J	1960 J	93 J	291 J	20 U	20 U	20 U	358	20 U	125	1530 J	2160	144 J	185	20 U	20 U	20 U
7041W	ANTIMONY	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	NA
7060W	ARSENIC	4 U	11.2	4 U	44.9	4 U	10.6	4 U	5.7	4 U	4.4	10.3	16.5	4 U	23.6	4 U	24.6 J	4 U	4 U	4 U	4.6	20
7421W	LEAD	3.8 U	8.2 U	3.2 U	18 U	3 U	13.5 U	3.7 U	29.8 U	3.7 U	6.8 U	3 U	7.9	3 U	8.3	3 U	17 J	3 U	3 U	3.4	5.7	5 U
747ZW	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7610W	POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7740W	SELENIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
7841W	THALLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
9010W	CYANIDE	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	NA	NA
SN2ZW	TIN	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	NA

WARWICK AREA
GROUNDWATER INORGANIC DATA

	SITE	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	II-1	II-1	II-1	II-1	II-1	II-1	II-1	II-1
	LOCATOR	AOI16/MW17D	AOI16/MW17S	AOI16/MW17S	SMU5/MW11S	SMU5/MW11S	SMU6/MW6S	SMU6/MW6S	SMU5/RW3	SMU5/RW3	SMU5/RW3	SMU5/RW3	SMU16/MW17S	SMU16/MW17S	SMU16/MW32S	SMU16/MW32S	SMU5/MW11D	SMU5/MW11D	SMU6/MW11S	SMU5/MW11S
	SAMPLE NUMBER	MW-17D*IB-3[T]	MW-17S*IB-3[D]	MW-17S*IB-3[T]	MW-11S*IB-3[D]	MW-11S*IB-3[T]	MW-6S*IB-3[D]	MW-6S*IB-3[T]	RW-3*IB-3[D]	RW-3*IB-3[D]	RW-3*IB-3[T]	RW-3*IB-3[T]	MW-17S*II-1[D]	MW-17S*II-1[T]	MW-32S*II-1[D]	MW-32S*II-1[T]	MW-11D*II-1[D]	MW-11D*II-1[T]	FB082593*II-1[D]	FB082593*II-1[T]
	COLLECT DATE	9/10/91	9/10/91	9/10/91	9/10/91	9/10/91	9/10/91	9/10/91	9/10/91	9/11/91	9/10/91	9/11/91	8/25/93	8/25/93	8/24/93	8/24/93	8/24/93	8/24/93	8/25/93	8/25/93
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010W	ANTIMONY	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
6010W	BARIUM	96	38	99	13	17	44	46	260	NA	260	NA	33	160	30	280	24	55	10 U	10 U
6010W	BERYLLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	17	NA	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
6010W	CALCIUM	48000	17000	18000	19000	20000	31000	33000	NA	430000	NA	390000	17000	18000	19000	22000	44000	47000	NA	NA
6010W	CHROMIUM	17	10 U	25	10 U	11	10 U	10 U	10 U	NA	51	NA	10 U	38	10 U	39	10 U	12	10 U	10 U
6010W	COBALT	11	10 U	11	10 U	10 U	10 U	10 U	10 U	NA	10 U	NA	10 U	22	10 U	33	10 U	10 U	10 U	10 U
6010W	COPPER	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U	NA	25 U	30	25 U	30	25 U	25 U	25 U	25 U
6010W	IRON	4300	6.5 U	22000	1600	12000	NA	4800	NA	6.5 U	NA	3800	35	7800	8.4	46000	10	3500	NA	NA
6010W	MAGNESIUM	7000	2400	3600	2700	2900	2300	2500	NA	24 U	NA	10000	2200	3000	4200	8100	6400	7300	NA	NA
6010W	MANGANESE	930	390	820	230	240	NA	230	NA	1.5 U	NA	280	260	640	450	5700	310	430	NA	NA
6010W	NICKEL	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	NA	40 U	NA	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
6010W	POTASSIUM	2600	6400	6600	3400	3300	NA	8300	NA	10000	NA	9800	4300	5200	3500	7700	2600	3000	NA	NA
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
6010W	SODIUM	14000	22000	20000	10000	8700	NA	12000	NA	27000	NA	37000	21000	22000	22000	23000	18000	19000	NA	NA
6010W	TIN	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
6010W	VANADIUM	22	10 U	14	10 U	10 U	10 U	10 U	10 U	NA	10 U	NA	10 U	36	10 U	39	10 U	10 U	10 U	10 U
6010W	ZINC	77 U	20 U	110 U	490	700 J	93	100 U	20 U	NA	62 U	NA	20 U	110 J	20 U	210 J	20 U	64 J	20 U	20 U
7041W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7060W	ARSENIC	22	5 U	38	5 U	13	5 U	5 U	5 U	NA	5 U	NA	10 U	100	10 U	39	16	17	10 U	10 U
7421W	LEAD	7.2	5 U	8.6	5 U	5	5 U	5 U	5 U	NA	5 U	NA	5 U	20	5 U	21	5 U	8.5	5 U	5 U
747ZW	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
7610W	POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7740W	SELENIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7841W	THALLIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9010W	CYANIDE	10 U	NA	10 U	NA	10 U	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	10 U	NA	10 U	NA	NA
SNZZW	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WARWICK AREA
GROUNDWATER INORGANIC DATA

SITE		II-1	II-1	II-1	II-1	II-1	II-1	II-1	II-2	II-2	II-2	II-2	II-2	II-2	II-2	II-2	II-2
LOCATOR		SMU5/MW11S	SMU5/MW11S	SMU5/MW11S	SMU5/MW26S	SMU5/MW26S	SMU5/MW6S	SMU5/MW6S	SMU-16/MW32S	SMU-16/MW32S	SMU-5/MW11D	SMU-5/MW11D	SMU-5/MW26S	SMU-5/MW26S	SMU-5/MW26S	SMU-5/MW26S	SMU-5/MW26S
SAMPLE NUMBER		MW-11S*II-1[T]	MW-DUP1*II-1[D]	MW-DUP1*II-1[T]	MW-26S*II-1[D]	MW-26S*II-1[T]	MW-6S*II-1[D]	MW-6S*II-1[T]	MW-32S*II-2[D]	MW-32S*II-2[T]	MW-11D*II-2[D]	MW-11D*II-2[T]	MW-26S*II-2[D]	MW-26S*II-2[T]	MW-DUP1*II-2[D]	MW-DUP1*II-2[T]	
COLLECT DATE		8/25/93	8/25/93	8/25/93	8/24/93	8/24/93	8/25/93	8/25/93	5/2/94	5/2/94	5/3/94	5/3/94	5/3/94	5/3/94	5/3/94	5/3/94	
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	
6010W	ANTIMONY	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
6010W	BARIUM	39	14	38	18	82	56	68	10 U	51.6	32.9	50.1	10 U	191	13.6	144	
6010W	BERYLLIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	21 J	5 U	7.3 J	
6010W	CADMIUM	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8 J	5 U	5 U	
6010W	CALCIUM	24000	NA	NA	19000	19000	27000	28000	13000	14000	43000	46000	16000	19000	16000	19000	
6010W	CHROMIUM	18	10 U	18	10 U	37	10 U	12	10 U	10 U	10 U	58.9 J	10 U	62.3 J	10 U	36.7 J	
6010W	COBALT	10 U	10 U	10 U	10 U	20	10 U	10 U	10 U	10 U	10 U	10 U	10 U	61.7	10 U	32.3	
6010W	COPPER	25 U	25 U	25 U	25 U	26	25 U	25 U	25 U	25 U	25 U	25 U	25 U	53.5	25 U	27.4	
6010W	IRON	35000	NA	NA	23	11000	4700	11000	19 U	11000	20	2800	19 U	4500	19 U	3600	
6010W	MAGNESIUM	4200	NA	NA	3700	4500	1900	2000	960	1800	6600	7400	2500	3100	2500	3100	
6010W	MANGANESE	400	NA	NA	120	570	630	650	3.1	1000	340	460	16	600	16	540	
6010W	NICKEL	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	61.3	40 U	40 U	
6010W	POTASSIUM	3800	NA	NA	3500	5500	5300	5500	NA	NA	NA	NA	NA	NA	NA	NA	
6010W	SILVER	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
6010W	SODIUM	11000	NA	NA	11000	11000	9900	10000	8600	9100	17000	18000	9300	8600	8200	8600	
6010W	TIN	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
6010W	VANADIUM	10 U	10 U	10 U	10 U	28	10 U	10 U	10 U	10 U	10 U	10 U	10 U	88.7	10 U	46.3	
6010W	ZINC	1200 J	840	1300 J	31	180 J	140	170 J	83.6 J	112	20 U	47.4	20 U	416	61.2 J	318	
7041W	ANTIMONY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
7060W	ARSENIC	50	10 U	54	10 U	27	10 U	10 U	10 U	10 U	16.1	19.4 J	10 U	70 J	10 U	49.2 J	
7421W	LEAD	9.9	5 U	10	5 U	18	5 U	5 U	5 U	5.4 J	5 U	7.6 J	5 U	60.7 J	5 U	35.9 J	
747ZW	MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
7610W	POTASSIUM	NA	NA	NA	NA	NA	NA	NA	2300	4200	2200	2800	2700	17000	2600	5900	
7740W	SELENIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	
7841W	THALLIUM	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
9010W	CYANIDE	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	
SNZZW	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

All results in ug/l (ppb).
U - Undetected
J - Estimated Result.
R - Rejected Result.
NA - Not analyzed.
F - Estimated maximum concentration.
[D] - Dissolved concentration (filtered sample)
[T] - Total concentration (undissolved sample).

WASTE WATER T[illegible]MENT AREA
GROUNDWATER
ORGANIC DATA

	PHASE / ROUND	IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-3	
	SUB AREA	SMU10		SMU10		SMU10		SMU10		SMU12		SMU12		SMU10		SMU10		SMU10		SMU12		SMU12		SMU10	
	SAMPLE ID	MW-7S*IB-1		MW-8S*IB-1		MW-9S*IB-1		RW-2*IB-1		MW-15D*IB-1		MW-15S*IB-1		MW-7S*IB-2		MW-8S*IB-2		MW-9S*IB-2		RW-2*IB-2		MW-15D*IB-2		MW-15S*IB-2		MW-7S*IB-3	
	COLLECT DATE	1/9/91		1/8/91		1/9/91		1/10/91		1/9/91		1/9/91		4/17/91		4/17/91		4/19/91		4/17/91		4/16/91		4/18/91		9/11/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080W	4,4'-DDD	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	4,4'-DDE	0.0097	U	0.012		0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	4,4'-DDT	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.19	U	0.007	J	0.019	U	0.019	U	0.019	U	0.019	U	1.9	U	0.1	U
8080W	ALDRIN	0.0097	U	0.0054	J	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.011		0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	ALPHA-BHC	0.0097	U	0.012		0.0095	U	0.0096	U	0.015		0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	ALPHA-CHLORDANE	0.0031	J	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	BETA-BHC	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.5	
8080W	DELTA-BHC	0.012		0.0095	U	0.0095	U	0.012		0.0095	U	0.4		0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	DIELDRIN	0.0097	U	0.022		0.0095	U	0.0096	U	0.016		0.47		0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	ENDOSULFAN I	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	ENDOSULFAN II	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.29	U	0.028	U	0.029	U	0.029	U	0.028	U	0.028	U	2.9	U	0.1	U
8080W	ENDOSULFAN SULFATE	0.049	U	0.048	U	0.048	U	0.048	U	0.048	U	0.48	U	0.047	U	0.048	U	0.048	U	0.047	U	0.047	U	4.8	U	0.1	U
8080W	ENDRIN	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	ENDRIN ALDEHYDE	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.19	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	1.6	J	0.1	U
8080W	GAMMA-BHC	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	GAMMA-CHLORDANE	0.0062	J	0.0095	U	0.0095	U	0.074		0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.1	U
8080W	HEPTACHLOR	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.045		0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	HEPTACHLOR EPOXIDE	0.0097	U	0.0095	U	0.0052	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	ISODRIN	0.0097	U	0.0086	J	0.0095	U	0.0096	U	0.014		0.14		0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.02	U
8080W	KEPONE	0.0097	U	0.0095	U	0.0095	U	0.0096	U	0.0095	U	0.096	U	0.0094	U	0.0095	U	0.0095	U	0.0094	U	0.0095	U	0.95	U	0.05	U
8080W	METHOXYCHLOR	0.049	U	0.048	U	0.048	U	0.048	U	0.048	U	0.48	U	0.047	U	0.048	U	0.048	U	0.047	U	0.047	U	4.8	U	0.5	U
8080W	PCB-1016	0.097	U	0.095	U	0.095	U	0.096	U	0.095	U	0.96	U	0.094	U	0.095	U	0.095	U	0.094	U	0.095	U	9.5	U	0.5	U
8080W	PCB-1221	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	19	U	0.5	U
8080W	PCB-1232	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	19	U	0.5	U
8080W	PCB-1242	0.097	U	0.095	U	0.095	U	0.096	U	0.095	U	0.96	U	0.094	U	0.095	U	0.095	U	0.094	U	0.095	U	9.5	U	0.5	U
8080W	PCB-1248	0.097	U	0.095	U	0.095	U	0.096	U	0.095	U	0.96	U	0.094	U	0.095	U	0.095	U	0.094	U	0.095	U	9.5	U	0.5	U
8080W	PCB-1254	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	19	U	1	U
8080W	PCB-1260	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.9	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	19	U	1	U
8080W	TOXAPHENE	0.49	U	0.48	U	0.48	U	0.48	U	0.48	U	4.8	U	0.47	U	0.48	U	0.48	U	0.47	U	0.47	U	48	U	1	U
815ZW	PHORATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
814ZW	DIMETHOATE	0.95	U	0.95	U	0.95	U	0.96	U	0.95	U	0.97	U	0.94	U	0.96	U	0.95	U	0.94	U	0.95	U	0.95	U	4	U
814ZW	DISULFOTON	0.95	U	0.95	U	0.95	U	0.96	U	0.95	U	0.97	U	0.94	U	0.96	U	0.95	U	0.94	U	0.95	U	0.95	U	1.5	U
814ZW	ETHYL PARATHION	0.71	U	0.71	U	0.71	U	0.72	U	0.71	U	0.72	U	0.71	U	0.72	U	0.71	U	0.71	U	0.71	U	0.71	U	0.6	U
814ZW	FAMPHUR	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	1.5	U
814ZW	METHYL PARATHION	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.5	U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.7	U	4.8	U	4.8	U	4.7	U	4.8	U	4.8	U	NA	
814ZW	PHORATE	0.71	U	0.71	U	0.71	U	0.72	U	0.71	U	0.72	U	0.71	U	0.72	U	0.71	U	0.71	U	0.71	U	0.71	U	0.6	U
814ZW	SULFOTEPP	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.47	U	0.48	U	0.48	U	0.47	U	0.48	U	0.48	U	0.6	U
814ZW	THIONAZIN	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.8	U	4.7	U	4.8	U	4.8	U	4.7	U	4.8	U	4.8	U	0.5	U
815ZW	2,4,5-T	0.19	U	0.19	U	0.19	U	0.2	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.3	U
815ZW	2,4,5-TP (SILVEX)	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.1	U
815ZW	2,4-D	1.2	U	1.1	U	1.1	U	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.5	U
815ZW	DINOSEB	0.14	U	0.14	U	0.14	U	0.038	J	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	NA	
8240W	1,1,1,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,1,1-TRICHLOROETHANE	5	U	5	U	5	U	5	U	4.2	J	5	U	5	U	1.7	J	5	U	5	U	5	U	5	U	5	U
8240W	1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,1,2-TRICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,1-DICHLOROETHANE	5	U	1	J	5	U	5	U	5	U	1.4	J	5	U	2.4	J	5	U	5	U	5	U	5	U	5	U
8240W	1,1-DICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,2,3-TRICHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,2-DIBROMO-3-CHLOROPROPANE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	10	U
8240W	1,2-DIBROMOETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,2-DICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	1,2-DICHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	2-BUTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	R	
8240W	2-CHLORO-1,3-BUTADIENE	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	5	U
8240W	2-HEXANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U
8240W	3-CHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
8240W	4-METHYL-2-PENTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	50	U
8240W	ACETONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	100	U
8240W	ACETONITRILE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	R	
8240W	ACROLEIN	R		R		R		R		R		R		R		R		R		R		R		R		R	
8240W	ACRYLONITRILE	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	100	U
8240W	BENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	BROMODICHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	BROMOFORM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	BROMOMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8240W	CARBON DISULFIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	CARBON TETRACHLORIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	CHLOROBENZENE	5	U	2.4	J	5	U	5	U	5	U	14		5	U	5	U	5	U	5	U	5	U	11		5	U
8240W	CHLOROETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8240W	CHLOROFORM	5	U	5	U	4.6	J	5	U	5	U	5	U	5	U	5	U	3.8	J	5	U	5	U	5	U	5	U
8240W	CHLOROMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8240W	CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	DIBROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	DIBROMOMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	DICHLORODIFLUOROMETHANE	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	50	U
8240W	ETHYL METHACRYLATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	5	U
8240W	ETHYLBENZENE	5	U	5	U	5	U	5	U	5	U	4.9	J	5	U	5	U	5	U	5	U	5	U	3	J	5	U
8240W	IODOMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1.9	U
8240W	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R	
8240W	M&P-XYLENE	5	U	5	U	5	U	5	U	5	U	23		5	U	5	U	5	U	5	U	5	U	13		5	U
8240W	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		100	U
8240W	METHYL METHACRYLATE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	5	U
8240W	METHYLENE CHLORIDE	5	U	5	U	5	U	5.5	U	5	U	5	U	5	U	5	U	18	U	5	U	5	U	22	U	5	U
8240W	O-XYLENE	5	U	5	U	5	U	5	U	5	U	11		5	U	5	U	5	U	5	U	5	U	6		5	U
8240W	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		R	
8240W	PROPANENITRILE	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
8240W	STYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	TETRACHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	TOLUENE	5	U	5	U	5	U	5	U	5	U	30		5	U	5	U	1.7	J	5	U	5	U	7	U	5	U
8240W	TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8240W	TRICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
8240W	TRICHLOROFLUOROMETHANE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
8240W	VINYL ACETATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
8240W	VINYL CHLORIDE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
824DW	1,4-DIOXANE	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	NA	
824DW	ISOBUTANOL	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	NA	
824DW	METHACRYLONITRILE	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	10000	U	NA	
8270G	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	1,2,4,5-TETRACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	1,2,4-TRICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	1,2-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	2	J	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	1	J	10	U
8270W	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		50	U
8270W	1,3-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	1,3-DINITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	50	U
8270W	1,4-DICHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U
8270W	1,4-NAPHTHOQUINONE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	1-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,3,4,6-TETRACHLOROPHENOL	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	10	U
8270W	2,4,5-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	50	U
8270W	2,4,6-TRICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,4-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10		9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	29		10	U
8270W	2,4-DIMETHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,4-DINITROPHENOL	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	2,4-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,6-DICHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2,6-DINITROTOLUENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-ACETYLAMINOFLUORENE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	20	U
8270W	2-CHLORONAPHTHALENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-CHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-METHYLNAPHTHALENE	4	J	10	U	4	J	10	U	4	J	6	J	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-NAPHTHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-NITROANILINE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER TREATMENT AREA
GROUNDWATER
ORGANIC DATA

	PHASE / ROUND	IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-3	
	SUB AREA	SMU10		SMU10		SMU10		SMU10		SMU12		SMU12		SMU10		SMU10		SMU10		SMU12		SMU12		SMU10	
	SAMPLE ID	MW-7S*IB-1		MW-8S*IB-1		MW-9S*IB-1		RW-2*IB-1		MW-15D*IB-1		MW-15S*IB-1		MW-7S*IB-2		MW-8S*IB-2		MW-9S*IB-2		RW-2*IB-2		MW-15D*IB-2		MW-15S*IB-2		MW-7S*IB-3	
	COLLECT DATE	1/9/91		1/8/91		1/9/91		1/10/91		1/9/91		1/9/91		4/17/91		4/17/91		4/19/91		4/17/91		4/16/91		4/18/91		9/11/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270W	2-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	2-PICOLINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U
8270W	3',4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	3,3'-DICHLOROBENZIDINE	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	20	U
8270W	3,3'-DIMETHYLBENZIDINE	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	10	U
8270W	3-METHYLCHOLANTHRENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	3-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	NA	
8270W	3-NITROANILINE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	4,6-DINITRO-2-METHYLPHENOL	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	4-AMINOBIPHENYL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	20	U
8270W	4-BROMOPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	4-CHLORO-3-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	4-CHLOROANILINE	10	U	10	U	10	U	10	U	10	U	4	J	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	6	J	10	U
8270W	4-CHLOROPHENYL-PHENYLETHER	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	4-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	67		9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	41		NA	
8270W	4-NITROANILINE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	4-NITROPHENOL	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	4-NITROQUINOLINE-N-OXIDE	R		R		R		97	U	R		R		R		R		R		R		R		R		100	U
8270W	5-NITRO-O-TOLUIDINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	10	U
8270W	ACENAPHTHENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	ACENAPHTHYLENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	ACETOPHENONE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	3	J	10	U
8270W	ANILINE	10	U	10	U	10	U	10	U	10	U	76		9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	86		50	U
8270W	ANTHRACENE	10	U	1	J	10	U	10	U	10	U	10	U	9.6	U	0.62	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	ARAMITE	100	U	100	U	100	U	97	U	100	U	100	U	96	U	94	U	96	U	95	U	95	U	96	U	100	U
8270W	BENZO(A)ANTHRACENE	10	U	1	J	10	U	10	U	10	U	10	U	9.6	U	1.8	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BENZO(A)PYRENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	1.4	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BENZO(B)FLUORANTHENE	10	U	1	J	10	U	10	U	10	U	10	U	9.6	U	2.3	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BENZO(G,H,I)PERYLENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BENZO(K)FLUORANTHENE	10	U	2	J	10	U	10	U	10	U	10	U	9.6	U	2.9	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BENZYL ALCOHOL	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BIS(2-CHLOROETHOXY)METHANE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BIS(2-CHLOROETHYL)ETHER	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE	10	U	6	U	10	U	2	U	10	U	10	U	9.6	U	9.4	U	9.6	U	36		130		9.6	U	1.2	U
8270W	BUTAZOLIDIN	51	U	50	U	51	U	49	U	50	U	20	J	48	U	47	U	48	U	48	U	48	U	7	J	500	U
8270W	BUTYLBENZYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	CHLOROBENZILATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	NA	
8270W	CHRYSENE	10	U	1	J	10	U	10	U	10	U	10	U	9.6	U	1.9	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	DCDD	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	NA	
8270W	DCDF	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	NA	
8270W	DI-N-BUTYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	1	J	10	U
8270W	DI-N-OCTYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	1.1	J	9.5	U	9.6	U	10	U
8270W	DIALLATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	DIBENZ(A,H)ANTHRACENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	DIBENZOFURAN	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	DIETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	1	J	10	U
8270W	DIMETHYLPHENETHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	1000	U
8270W	DIMETHYLPHTHALATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		50	U
8270W	DIPHENYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	ETHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	20	U
8270W	FLUORANTHENE	10	U	3	J	10	U	10	U	10	U	10	U	9.6	U	4.2	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	FLUORENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	HEXACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	HEXACHLOROBUTADIENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	HEXACHLOROCYCLOPENTADIENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	HEXACHLOROETHANE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		1900	U	1900	U	1900	U	1900	U	1900	U	1900	U	NA	
8270W	HEXACHLOROPROPENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	INDENO(1,2,3-CD)PYRENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	IRGASAN DP-300	51	U	50	U	51	U	49	U	26	J	670		48	U	47	U	48	U	48	U	48	U	230		100	U
8270W	ISOPHORONE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	ISOSAFROLE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	METHAPYRILENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	1000	U
8270W	METHYL METHANESULFONATE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	N-NITROSO-DI-N-BUTYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	N-NITROSO-DI-N-PROPYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	N-NITROSODIETHYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	20	U
8270W	N-NITROSODIMETHYLAMINE	10	U	10	U	10	U	10	U	10	U	6	J	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	N-NITROSODIPHENYLAMINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	NA	
8270W	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U
8270W	N-NITROSOMORPHOLINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	40	U
8270W	N-NITROSOPIPERIDINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	20	U
8270W	N-NITROSOPYRROLIDINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	40	U
8270W	NAPHTHALENE	13		10	U	14		10	U	12		14		9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	2	J	10	U
8270W	NITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U
8270W	O-TOLUIDINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	P-DIMETHYLAMINOAZOBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	P-PHENYLENEDIAMINE	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	1000	U
8270W	PENTACHLOROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	PENTACHLOROETHANE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	NA	
8270W	PENTACHLORONITROBENZENE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	100	U
8270W	PENTACHLOROPHENOL	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	50	U
8270W	PHENACETIN	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	20	U
8270W	PHENANTHRENE	10	U	1	J	10	U	10	U	10	U	10	U	9.6	U	1.1	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	PHENOL	10	U	10	U	10	U	10	U	10	U	61		9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	49		10	U
8270W	PRONAMIDE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	PROPAZINE	51	U	50	U	51	U	49	U	50	U	170		48	U	47	U	48	U	48	U	48	U	78		200	U
8270W	PYRENE	10	U	3	J	10	U	10	U	10	U	10	U	9.6	U	2.2	J	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	PYRIDINE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	100	U
8270W	SAFROLE	10	U	10	U	10	U	10	U	10	U	10	U	9.6	U	9.4	U	9.6	U	9.5	U	9.5	U	9.6	U	10	U
8270W	TINUVIN 327	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	48	U	100	U
8270W	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270W	TOFRANIL	51	U	50	U	51	U	49	U	50	U	51	U	48	U	47	U	48	U	48	U	48	U	5	J	50	U
8270W	TRCDD	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	NA	
8270W	TRCDF	20	U	20	U	20	U	19	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U	19	U	NA	
SOWZW	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00020756	U
SOWZW	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00015498	U
SOWZW	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00020299	U
SOWZW	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.0003358	U
SOWZW	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00014186	U
SOWZW	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00032092	U
SOWZW	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00012892	U
SOWZW	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00031249	U
SOWZW	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00017391	U
SOWZW	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00057155	U
SOWZW	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000307	U
SOWZW	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00014894	U
SOWZW	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.0002976	U
SOWZW	2,3,7,8-TCDD	0.0019	U	0.0016	U	0.0016	U	0.002	U	0.0021	U	0.0021	U	0.0024	U	0.0017	U	0.0023	U	0.0022	U	0.0019	U	0.0022	U	0.000229	U
SOWZW	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00015008	U
SOWZW	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00020756	U
SOWZW	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00020299	U
SOWZW	HXCDD	0.0042	U	0.0037	U	0.0035	U	0.0037	U	0.0044	U	0.0046	U	0.0031	U	0.0028	U	0.0033	U	0.0032	U	0.0031	U	0.0029	U	0.0003358	U
SOWZW	HXCDF	0.0024	U	0.0022	U	0.0021	U	0.0023	U	0.0026	U	0.0027	U	0.002	U	0.0017	U	0.0021	U	0.002	U	0.0019	U	0.0017	U	0.00017391	U
SOWZW	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00032021	J
SOWZW	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00020234	U
SOWZW	PECDD	0.0022	U	0.002	U	0.0019	U	0.0022	U	0.0024	U	0.0024	U	0.002	U	0.0017	U	0.0023	U	0.0019	U	0.0019	U	0.0018	U	0.0001846	U
SOWZW	PECDF	0.0013	U	0.0011	U	0.0011	U	0.0013	U	0.0014	U	0.0014	U	0.0014	U	0.0011	U	0.0014	U	0.0014	U	0.0012	U	0.0012	U	0.000307	U
SOWZW	TCDD	0.0019	U	0.0016	U	0.0016	U	0.002	U	0.0021	U	0.0021	U	0.0024	U	0.0017	U	0.0023	U	0.0022	U	0.0019	U	0.0022	U	0.0000648	J
SOWZW	TCDF	0.0013	U	0.0011	U	0.0012	U	0.0015	U	0.0014	U	0.0014	U	0.0019	U	0.0012	U	0.0017	U	0.0023	U	0.0014	U	0.0016	U	0.00004243	J

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER TR[illegible]MENT AREA
GROUNDWATER
ORGANIC DATA

PHASE / ROUND	IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		II-1		II-1		II-1		II-1		II-1		II-2	
SUB AREA	SMU10		SMU10		SMU10		SMU12		SMU12		SMU12		SMU12		SMU10		SMU10		SMU10		SMU12		SMU12	
SAMPLE ID	MW-8S*IB-3		MW-9S*IB-3		RW-2*IB-3		MW-15D*IB-3		MW-15S*IB-3		MW-15S*IB3		MW-8S*IB-3		MW-7S*II-1		MW-8S*II-1		MW-9S*II-1		MW-15S*II-1		MW-25S*II-1		MW-25S*II-2	
COLLECT DATE	9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		8/23/93		8/23/93		8/23/93		8/23/93		8/24/93		5/4/94	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDD	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U	0.1	U
4,4'-DDE	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U	0.1	U
4,4'-DDT	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U	0.1	U
ALDRIN	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U	0.05	U
ALPHA-BHC	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U	0.05	U
ALPHA-CHLORDANE	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
BETA-BHC	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
CHLOROBENZILATE	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U	0.5	U
DELTA-BHC	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
DIELDRIN	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
ENDOSULFAN I	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
ENDOSULFAN II	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
ENDOSULFAN SULFATE	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
ENDRIN	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
ENDRIN ALDEHYDE	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
GAMMA-BHC	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
GAMMA-CHLORDANE	NA		0.1	U	NA		0.1	U	NA		0.5	U	0.1	U	0.1	U	0.05	U	0.05	U	0.05	U	1.2	J	0.05	U
HEPTACHLOR	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
HEPTACHLOR EPOXIDE	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
ISODRIN	NA		0.02	U	NA		0.02	U	NA		0.1	U	0.02	U	0.02	U	0.05	U	0.05	U	0.05	U	1	U	0.05	U
KEPONE	NA		0.05	U	NA		0.05	U	NA		0.25	U	0.05	U	0.05	U	0.1	U	0.1	U	0.1	U	2	U	0.1	U
METHOXYCHLOR	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U	0.5	U
PCB-1016	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	1	U	1	U	1	U	20	U	1	U
PCB-1221	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	2	U	2	U	2	U	40	U	2	U
PCB-1232	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	1	U	1	U	1	U	20	U	1	U
PCB-1242	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	1	U	1	U	1	U	20	U	1	U
PCB-1248	NA		0.5	U	NA		0.5	U	NA		2.5	U	0.5	U	0.5	U	1	U	1	U	1	U	20	U	1	U
PCB-1254	NA		1	U	NA		1	U	NA		5	U	1	U	1	U	1	U	1	U	1	U	20	U	1	U
PCB-1260	NA		1	U	NA		1	U	NA		5	U	1	U	1	U	1	U	1	U	1	U	20	U	1	U
TOXAPHENE	NA		1	U	NA		1	U	NA		5	U	1	U	1	U	5	U	5	U	5	U	100	U	5	U
PHORATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIMETHOATE	NA		4	U	NA		4	U	NA		4	U	4	U	4	U	10	U	10	U	10	U	10	U	10	U
DISULFOTON	NA		1.5	U	NA		1.5	U	NA		1.5	U	1.5	U	1.5	U	2	U	2	U	2	U	2	U	2	U
ETHYL PARATHION	NA		0.6	U	NA		0.6	U	NA		0.6	U	0.6	U	0.6	U	1	U	1	U	1	U	1	U	1	U
FAMPHUR	NA		1.5	U	NA		1.5	U	NA		1.5	U	1.5	U	1.5	U	2	U	2	U	2	U	2	U	2	U
METHYL PARATHION	NA		0.5	U	NA		0.5	U	NA		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
PHORATE	NA		0.6	U	NA		0.6	U	NA		0.6	U	0.6	U	0.6	U	1	U	1	U	1	U	1	U	1	U
SULFOTEPP	NA		0.6	U	NA		0.6	U	NA		0.6	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
THIONAZIN	NA		0.5	U	NA		0.5	U	NA		0.5	U	0.5	U	0.5	U	1	U	1	U	1	U	1	U	1	U
2,4,5-T	NA		0.3	U	NA		0.3	U	NA		0.3	U	0.3	U	0.3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-TP (SILVEX)	NA		0.1	U	NA		0.1	U	NA		0.1	U	0.1	U	0.1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-D	NA		0.5	U	NA		0.5	U	NA		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,1,2-TETRACHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,1-TRICHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	7.2		5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-TRICHLOROPROPANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DIBROMOETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-BUTANONE	NA		R		NA		R		NA		R		R		R		25	U	25	U	25	U	25	U	25	U
2-CHLORO-1,3-BUTADIENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-HEXANONE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	25	U	25	U	25	U	25	U	25	U
3-CHLOROPROPENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	25	U	25	U	25	U	25	U	25	U
ACETONE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	25	U	25	U	25	U	25	U	25	U
ACETONITRILE	NA		R		NA		R		NA		R		R		R		1000	U	1000	U	1000	U	1000	U	1000	U
ACROLEIN	NA		R		NA		R		NA		R		R		R		100	U	100	U	100	U	100	U	100	U
ACRYLONITRILE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
BENZENE	NA		5	J	NA		5	J	NA		5	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOFORM	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOMETHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROBENZENE	NA		5	J	NA		5	J	NA		4.2	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
CHLOROETHANE	NA		10	U	NA		10	U	NA		10	U	17		10	U	10	U	10	U	10	U	10	U	10	U
CHLOROFORM	NA		7.1		NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROMETHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
CIS-1,3-DICHLOROPROPENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBROMOCHLOROMETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBROMOMETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	5	U	5	U	5	U	5	U	5	U
ETHYL METHACRYLATE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYLBENZENE	NA		5	J	NA		5	J	NA		5	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
IODOMETHANE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOBUTANOL	NA		R		NA		R		NA		R		R		R		1000	U	1000	U	1000	U	1000	U	R	
M&P-XYLENE	NA		5	J	NA		5	J	NA		5	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
METHACRYLONITRILE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
METHYL METHACRYLATE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYLENE CHLORIDE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-XYLENE	NA		5	J	NA		5	J	NA		5	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
PENTACHLOROETHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	25	U	25	U	25	U	25	U	25	U
PROPANENITRILE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U
STYRENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TOLUENE	NA		5	J	NA		5	J	NA		2.4	J	5	J	5	J	5	U	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	NA		5	U	NA		5	U	NA		5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,4-DICHLORO-2-BUTENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	R	
TRICHLOROETHENE	NA		5	U	NA		5	U	NA		5	U	5	U	2.9	J	5	U	5	U	5	U	5	U	5	U
TRICHLOROFLUOROMETHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	5	U	5	U	5	U	5	U	5	U
VINYL ACETATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
24DW 1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
24DW ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
24DW METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
270G PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
270W 1,2,4,5-TETRACHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,2,4-TRICHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,2-DICHLOROBENZENE	NA		10	U	NA		10	U	NA		0.5	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,3,5-TRINITROBENZENE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	200	U	200	U	200	U	200	U	200	U
270W 1,3-DICHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,3-DINITROBENZENE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	10	U	10	U	10	U	10	U	10	U
270W 1,4-DICHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,4-DIOXANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1,4-NAPHTHOQUINONE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 1-NAPHTHYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,2'-OXYBIS(1-CHLOROPROPANE)	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,3,4,6-TETRACHLOROPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	50	U	50	U	50	U	50	U	50	U
270W 2,4,5-TRICHLOROPHENOL	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	10	U	10	U	10	U	10	U	10	U
270W 2,4,6-TRICHLOROPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,4-DICHLOROPHENOL	NA		10	U	NA		10	U	NA		4.5	J	10	U	10	U	10	U	10	U	10	U	4.4	J	10	U
270W 2,4-DIMETHYLPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,4-DINITROPHENOL	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
270W 2,4-DINITROTOLUENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,6-DICHLOROPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2,6-DINITROTOLUENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-ACETYLAMINOFLUORENE	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U
270W 2-CHLORONAPHTHALENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-CHLOROPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-METHYLNAPHTHALENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-METHYLPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-NAPHTHYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
270W 2-NITROANILINE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER T[illegible]MENT AREA
GROUNDWATER
ORGANIC DATA

	PHASE / ROUND	IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		IB-3		II-1		II-1		II-1		II-1		II-1		II-2	
	SUB AREA	SMU10		SMU10		SMU10		SMU12		SMU12		SMU12		SMU12		SMU10		SMU10		SMU10		SMU12		SMU12		SMU-12	
	SAMPLE ID	MW-8S*IB-3		MW-9S*IB-3		RW-2*IB-3		MW-15D*IB-3		MW-15S*IB-3		MW-15S*IB3		MW-8S*IB-3		RW-2*IB-3		MW-7S*II-1		MW-8S*II-1		MW-9S*II-1		MW-15S*II-1		MW-25S*II-1		MW-25S*II-2	
	COLLECT DATE	9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		9/9/91		8/23/93		8/23/93		8/23/93		8/23/93		8/24/93		5/4/94	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
W	2-NITROPHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	2-PICOLINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	200	U	200	U	200	U	200	U	200	U	200	U
W	3&4-METHYLPHENOL	NA		10	U	NA		10	U	NA		0.5	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	3',4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U
W	3,3'-DICHLOROBENZIDINE	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
W	3,3'-DIMETHYLBENZIDINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	200	U	200	U	200	U	200	U	200	U	200	U
W	3-METHYLCHOLANTHRENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	3-NITROANILINE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	4,6-DINITRO-2-METHYLPHENOL	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	4-AMINOBIPHENYL	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U	10	U
W	4-BROMOPHENYL-PHENYLETHER	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	4-CHLORO-3-METHYLPHENOL	NA		10	U	NA		10	U	NA		0.6	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	4-CHLOROANILINE	NA		10	U	NA		10	U	NA		20	U	10	U	10	U	20	U	20	U	20	U	20	U	20	U	20	U
W	4-CHLOROPHENYL-PHENYLETHER	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	4-NITROANILINE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	4-NITROPHENOL	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	4-NITROQUINOLINE-N-OXIDE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	R	
W	5-NITRO-O-TOLUIDINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ACENAPHTHENE	NA		10	U	NA		10	U	NA		10	U	1.1	J	10	U	10	U	0.63	J	10	U	10	U	10	U	10	U
W	ACENAPHTHYLENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ACETOPHENONE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ANILINE	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	ANTHRACENE	NA		10	U	NA		10	U	NA		1	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ARAMITE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	10	U	10	U	10	U	10	U	10	U	R	
W	BENZO(A)ANTHRACENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(A)PYRENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	1.3	J	10	U	10	U	10	U	10	U
W	BENZO(B)FLUORANTHENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	1.8	J	10	U	10	U	10	U	10	U
W	BENZO(G,H,I)PERYLENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BENZO(K)FLUORANTHENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BENZYL ALCOHOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BIS(2-CHLOROETHOXY)METHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BIS(2-CHLOROETHYL)ETHER	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BIS(2-ETHYLHEXYL)PHTHALATE	NA		0.4	U	NA		10	U	NA		0.7	U	0.8	U	0.7	U	10	U	10	U	10	U	10	U	10	U	10	U
W	BUTAZOLIDIN	NA		500	U	NA		500	U	NA		7.6	J	500	U	500	U	50	U	50	U	50	U	50	U	50	U	50	U
W	BUTYLBENZYLPHTHALATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	CHRYSENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	1.9	J	10	U	10	U	10	U	10	U
W	DCDD	NA		NA		NA		NA		NA		NA		NA		NA		U		U		U		U		U		U	
W	DCDF	NA		NA		NA		NA		NA		NA		NA		NA		U		U		U		U		U		U	
W	DI-N-BUTYLPHTHALATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	0.76	J	10	U	10	U	10	U	10	U
W	DI-N-OCTYLPHTHALATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIALLATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIBENZ(A,H)ANTHRACENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIBENZOFURAN	NA		10	U	NA		10	U	NA		10	U	0.4	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIETHYLPHTHALATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIMETHYLPHENETHYLAMINE	NA		1000	U	NA		1000	U	NA		1000	U	1000	U	1000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
W	DIMETHYLPHTHALATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DINOSEB	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	10	U	10	U	10	U	10	U	10	U	10	U
W	DIPHENYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ETHYL METHANESULFONATE	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U	10	U
W	FLUORANTHENE	NA		10	U	NA		10	U	NA		10	U	1.9	J	10	U	10	U	3.4	J	10	U	10	U	10	U	10	U
W	FLUORENE	NA		10	U	NA		10	U	NA		10	U	0.5	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROBUTADIENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROCYCLOPENTADIENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROETHANE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	HEXACHLOROPROPENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	INDENO(1,2,3-CD)PYRENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	IRGASAN DP-300	NA		100	U	NA		100	U	NA		190	D	100	U	100	U	10	U	10	U	10	U	300	D	10	U	10	U
W	ISOPHORONE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	ISOSAFROLE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	METHAPYRILENE	NA		1000	U	NA		1000	U	NA		1000	U	1000	U	1000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
W	METHYL METHANESULFONATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-BUTYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSO-DI-N-PROPYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIETHYLAMINE	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIMETHYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	N-NITROSOMETHYLETHYLAMINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOMORPHOLINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOPIPERIDINE	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U	10	U
W	N-NITROSOPYRROLIDINE	NA		40	U	NA		40	U	NA		40	U	40	U	40	U	10	U	10	U	10	U	10	U	10	U	10	U
W	NAPHTHALENE	NA		10	U	NA		10	U	NA		1	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	NITROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	10	U	10	U	10	U
W	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	NA		NA		NA		NA		NA		NA	
W	O-TOLUIDINE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	P-DIMETHYLAMINOAZOBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	P-PHENYLENEDIAMINE	NA		1000	U	NA		1000	U	NA		1000	U	1000	U	1000	U	2000	U	2000	U	2000	U	2000	U	2000	U	2000	U
W	PENTACHLOROBENZENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
W	PENTACHLORONITROBENZENE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PENTACHLOROPHENOL	NA		50	U	NA		50	U	NA		50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
W	PHENACETIN	NA		20	U	NA		20	U	NA		20	U	20	U	20	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PHENANTHRENE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PHENOL	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PRONAMIDE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	PROPAZINE	NA		200	U	NA		200	U	NA		43	J	200	U	200	U	20	U	20	U	20	U	20	U	20	U	20	U
W	PYRENE	NA		10	U	NA		10	U	NA		10	U	1.5	J	10	U	10	U	3.2	J	10	U	10	U	10	U	10	U
W	PYRIDINE	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	200	U	200	U	200	U	200	U	200	U	200	U
W	SAFROLE	NA		10	U	NA		10	U	NA		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
W	TINUVIN 327	NA		100	U	NA		100	U	NA		100	U	100	U	100	U	NA		NA		NA		NA		NA		NA	
W	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		10	U	10	U	10	U	100		10	U	10	U
W	TOFRANIL	NA		50	U	NA		50	U	NA		67		50	U	50	U	100	U	100	U	100	U	2.5	J	100	U	100	U
W	TRCDD	NA		NA		NA		NA		NA		NA		NA		NA		U		U		U		U		U		U	
W	TRCDF	NA		NA		NA		NA		NA		NA		NA		NA		U		U		U		9.1	J	U		U	
WZW	1,2,3,4,6,7,8-HPCDD	0.0002397	U	0.00017298	U	0.00005367	U	0.00015139	U	0.00029306	U	NA		NA		NA		0.00081	U	0.00082	U	0.0005	U	0.00056	U	0.00053	U	0.00046	U
WZW	1,2,3,4,6,7,8-HPCDF	0.00020391	U	0.00011874	U	0.000062	J	0.00007848	J	0.00021788	U	NA		NA		NA		0.00048	U	0.00044	U	0.00028	U	0.00036	U	0.00035	U	0.00059	U
WZW	1,2,3,4,7,8,9-HPCDF	0.00026707	U	0.00016376	U	0.00009368	U	0.00013023	U	0.00021932	U	NA		NA		NA		0.00063	U	0.00057	U	0.00036	U	0.00047	U	0.00046	U	0.00066	U
WZW	1,2,3,4,7,8-HXCDD	0.00035612	U	0.000232	U	0.00009542	U	0.00020391	U	0.00030536	U	NA		NA		NA		0.00054	U	0.00052	U	0.00035	U	0.00036	U	0.00035	U	0.0012	U
WZW	1,2,3,4,7,8-HXCDF	0.00021851	U	0.00010471	U	0.00008623	U	0.00008952	U	0.00022938	U	NA		NA		NA		0.00038	U	0.00035	U	0.00023	U	0.00027	U	0.00026	U	0.00066	U
WZW	1,2,3,6,7,8-HXCDD	0.00034034	U	0.00025864	U	0.00009108	U	0.00018653	U	0.00026761	U	NA		NA		NA		0.00056	U	0.00054	U	0.00036	U	0.00038	U	0.00037	U	0.0011	U
WZW	1,2,3,6,7,8-HXCDF	0.00019857	U	0.00010058	U	0.00007984	U	0.00008599	U	0.00021161	U	NA		NA		NA		0.00035	U	0.00033	U	0.00021	U	0.00025	U	0.00024	U	0.0006	U
WZW	1,2,3,7,8,9-HXCDD	0.0003314	U	0.00025766	U	0.00008615	U	0.00018583	U	0.00026859	U	NA		NA		NA		0.00051	U	0.00049	U	0.00033	U	0.00034	U	0.00033	U	0.0011	U
WZW	1,2,3,7,8,9-HXCDF	0.00026787	U	0.00013477	U	0.00010485	U	0.00011523	U	0.00027781	U	NA		NA		NA		0.00044	U	0.00041	U	0.00027	U	0.00031	U	0.0003	U	0.00077	U
WZW	1,2,3,7,8-PECDD	0.00037127	U	0.00016082	U	0.0001909	U	0.00024361	U	0.000279	U	NA		NA		NA		0.00035	U	0.00032	U	0.00023	U	0.00028	U	0.00026	U	0.0012	U
WZW	1,2,3,7,8-PECDF	0.00024541	U	0.00010358	U	0.00011315	U	0.00012481	U	0.00019308	U	NA		NA		NA		0.00026	U	0.00024	U	0.00016	U	0.0002	U	0.00019	U	0.00084	U
WZW	2,3,4,6,7,8-HXCDF	0.00022942	U	0.00011601	U	0.00008937	U	0.00009919	U	0.00023935	U	NA		NA		NA		0.00039	U	0.00036	U	0.00024	U	0.00028	U	0.00027	U	0.00066	U
WZW	2,3,4,7,8-PECDF	0.00023789	U	0.00010175	U	0.00011161	U	0.0001226	U	0.00019638	U	NA		NA		NA		0.00028	U	0.00025	U	0.00017	U	0.00021	U	0.0002	U	0.00091	U
WZW	2,3,7,8-TCDD	0.0001268	U	0.00004813	U	0.00003527	U	0.000053	U	0.00011258	U	NA		NA		NA		0.00034	U	0.00031	U	0.00021	U	0.00026	U	0.00026	U	0.00056	U
WZW	2,3,7,8-TCDF	0.00010911	U	0.00003578	U	0.00012712	U	0.00004817	U	0.00007452	U	NA		NA		NA		0.00034	U	0.00029	U	0.00024	U	0.00029	U	0.00029	U	0.0011	U
WZW	HPCDD	0.0002397	U	0.00017298	U	0.00005367	U	0.00015139	U	0.00029306	U	NA		NA		NA		0.00081	U	0.00082	U	0.0005	U	0.00056	U	0.00053	U	0.00046	U
WZW	HPCDF	0.00026707	U	0.00016376	U	0.00062	J	0.00007848	J	0.006168	U	NA		NA		NA		0.00048	U	0.00044	U	0.00028	U	0.00036	U	0.00035	U	0.00059	U
WZW	HXCDD	0.00035612	U	0.000232	U	0.00009542	U	0.00020391	U	0.00030536	U	NA		NA		NA		0.00051	U	0.00049	U	0.00033	U	0.00034	U	0.00033	U	0.0011	U
WZW	HXCDF	0.00026787	U	0.00013477	U	0.00014926	U	0.00011523	U	0.00027781	U	NA		NA		NA		0.00035	U	0.00033	U	0.00021	U	0.00025	U	0.00024	U	0.0006	U
WZW	OCDD	0.001693	J	0.0002218	U	0.00098559	J	0.00017076	U	0.00030294	J	NA		NA		NA		0.003	U	0.0032	U	0.0019	U	0.0019	U	0.0027	U	0.0018	U
WZW	OCDF	0.00032255	U	0.00013617	U	0.00013806	J	0.00010811	U	0.00020115	J	NA		NA		NA		0.0011	U	0.0012	U	0.00072	U	0.00094	U	0.00082	U	0.00069	U
WZW	PECDD	0.00037127	U	0.00016082	U	0.00019838	U	0.00024361	U	0.00030664	U	NA		NA		NA		0.00035	U	0.00032	U	0.00023	U	0.00028	U	0.00026	U	0.0012	U
WZW	PECDF	0.00024541	U	0.00010358	U	0.00029519	U	0.00012481	U	0.00019638	U	NA		NA		NA		0.00026	U	0.00024	U	0.00016	U	0.0002	U	0.00019	U	0.00084	U
WZW	TCDD	0.0181006	U	0.019207	U	0.01954359	U	0.01944134	U	0.01850327	U	NA		NA		NA		0.00034	U	0.00031	U	0.00021	U	0.00026	U	0.00026	U	0.00056	U
WZW	TCDF	0.00050854	U	0.00068567	U	0.00117668	U	0.00011908	J	0.00343883	J	NA		NA		NA		0.00034	U	0.00029	U	0.00024	U	0.00029	U	0.00029	U	0.0011	U

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER TREATMENT AREA
GROUNDWATER
INORGANIC DATA

	SITE	IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-1		IB-2		IB-2		IB-2		IB-2		IB-2		IB-2		IB-2	
	LOCATOR	SMU10/MW7S		SMU10/MW7S		SMU10/MW8S		SMU10/MW8S		SMU10/MW9S		SMU10/MW9S		SMU10/RW2		SMU10/RW2		SMU12/MW15D		SMU12/MW15D		SMU12/MW15S		SMU12/MW15S		SMU10/MW7S		SMU10/MW7S		SMU10/MW8S		SMU10/MW8S		SMU10/MW9S		SMU10/MW9S		SMU10/RW2		SMU10/RW2	
	SAMPLE NUMBER	MW-7S*IB-1 [D]		MW-7S*IB-1 [T]		MW-8S [D]		MW-8S [T]		MW-9S*IB-1 [D]		MW-9S*IB-1 [T]		RW-2*IB-1 [D]		RW-2*IB-1 [T]		MW-15D*IB-1 [D]		MW-15D*IB-1 [T]		MW-15S [D]		MW-15S [T]		MW-7S*IB-2 [D]		MW-7S*IB-2 [T]		MW-8S*IB-2 [D]		MW-8S*IB-2 [T]		MW-9S*IB-2 [D]		MW-9S*IB-2 [T]		RW-2*IB-2 [D]		RW-2*IB-2 [T]	
	COLLECT DATE	1/9/91		1/9/91		1/8/91		1/8/91		1/9/91		1/9/91		1/10/91		1/10/91		1/9/91		1/9/91		1/9/91		1/9/91		4/17/91		4/17/91		4/17/91		4/17/91		4/19/91		4/19/91		4/17/91		4/17/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010W	BARIUM	48		95		45		94		18		28		163		56		19		38		64		111		48.2		83.8		33.4		46.7		18.1		28		215		93.1	
6010W	BERYLLIUM	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
6010W	CADMIUM	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
6010W	CALCIUM	17600		18200		33400	J	37400	J	10500		10600		17500		24500		40400		47400		53400		53800		18700		18800		33500		33300		10200		11300		24000		33300	
6010W	CHROMIUM	5	U	25		5	U	14	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	31		5	U	18.3	J	5	U	35.7	J	5	U	5	U	5	U	5	U
6010W	COBALT	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	COPPER	10	U	10	U	10	U	29		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	IRON	9550		70500		8480	J	24600	J	63.5	U	1390		2660		9880		37.5	U	4950		2730		27400		5850		63000		7480		12200		20	U	2500		4620		19200	
6010W	MAGNESIUM	4680		5700		5280		5800		1610		1680		2980		4290		3080		3680		3640		7210		4790		4970		6290		6690		1560		1970		4090		7670	
6010W	MANGANESE	879		993		1310		1340		405		625		537		732		24		328		1370		1660		871		890		1340		1410		206		534		724		1160	
6010W	NICKEL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	43		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	POTASSIUM	1500	U	1500	U	7580		8240		3750		3850		6580		6140		1500	U	1500	U	13600		13800		1500	U	1500	U	6180	J	6160		3560		3790		1500	U	1500	U
6010W	SILVER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
6010W	SODIUM	11100		12900		18700		22100		16700		16400		21800		23300		11400		11500		30600		30300		11000		11700		16500		16900		15800		17100		20600		19600	
6010W	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010W	VANADIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
6010W	ZINC	10	U	10	U	25	J	102	J	21.5	U	10	U	33.5	U	14.5	U	10	U	10	U	10	U	49.5	U	10	U	30.3		10	U	67.6		10	U	10	U	90.8	J	52.1	
7041W	ANTIMONY	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.6	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U
7060W	ARSENIC	2	U	33.9		2	U	5.5		2	U	2	U	5.2		8.5		2	U	7.2		14.7		28.7		2	U	52.4		2	U	2	U	2	U	2	U	6.5		17.8	
7421W	LEAD	1.5	U	8.75	U	1.7	U	12.5	U	1.5	U	2.45	U	1.5	U	6.3	U	2.5	U	2.7	U	1.5	U	6.15	U	1.5	U	8.9	J	1.5	U	19.5	J	1.5	U	1.5	U	1.5	U	33.8	J
7472W	MERCURY	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7610W	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7740W	SELENIUM	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
7841W	THALLIUM	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
9010W	CYANIDE	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U
SNZZW	TIN	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U

WASTE WATER TREATMENT AREA
GROUNDWATER
INORGANIC DATA

	SITE	IB-2	IB-2	IB-2	IB-2	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3	IB-3
	LOCATOR	SMU12/MW15D	SMU12/MW15D	SMU12/MW15S	SMU12/MW15S	SMU10/MW7S	SMU10/MW7S	SMU10/MW8S	SMU10/MW8S	SMU10/MW9S	SMU10/MW9S	SMU10/RW2	SMU10/RW2	SMU12/MW15D	SMU12/MW15D	SMU12/MW15S	SMU12/MW15S	SMU12/MW15S	SMU12/MW15S	SMU12/MW8S	SMU12/MW8S
	SAMPLE NUMBER	MW-15D*IB-2 [D]	MW-15D*IB-2 [T]	MW-15S*IB-2 [D]	MW-15S*IB-2 [T]	MW-7S*IB-3[D]	MW-7S*IB-3[T]	MW-8S*IB-3[D]	MW-8S*IB-3[T]	MW-9S*IB-3[D]	MW-9S*IB-3[T]	RW-2*IB-3[D]	RW-2*IB-3[T]	MW-15D*IB-3[D]	MW-15D*IB-3[T]	MW-15S*IB-3[D]	MW-15S*IB-3[T]	MW-15S*IB3[D]	MW-15S*IB3[T]	MW-8S*IB-3[D]	MW-8S*IB-3[T]
	COLLECT DATE	4/16/91	4/16/91	4/18/91	4/18/91	9/11/91	9/11/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91	9/9/91
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010W	ANTIMONY	NA	NA	NA	NA	12.5 U	12.5 U	NA	NA	12.5 U	12.5 U	NA	NA	12.5 U	12.5 U	NA	NA	12.5 U	12.5 U	12.5 U	12.5 U
6010W	BARIUM	47.2	71.5	103	137	55	67	NA	NA	14	20	NA	NA	58	75	NA	NA	63	150	53	110
6010W	BERYLLIUM	1 U	2.7	1 U	1 U	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	2.5 U	2.5 U
6010W	CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	2.5 U	2.5 U
6010W	CALCIUM	32200	37600	49900	51700	18000	20000	30000	27000	8600	8700	26000	30000	29000	29000	33000	35000	NA	NA	NA	NA
6010W	CHROMIUM	5 U	15.5	5 U	69.7 J	5 U	15	NA	NA	5 U	11	NA	NA	5 U	10	NA	NA	5 U	38	5 U	68
6010W	COBALT	5 U	5 U	10.8 J	19.5	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	19	5 U	5 U
6010W	COPPER	10 U	10 U	10 U	26.8	12.5 U	12.5 U	NA	NA	12.5 U	12.5 U	NA	NA	12.5 U	12.5 U	NA	NA	12.5 U	26	12.5 U	36
6010W	IRON	6420	23100	11400	36100	13000	26000	9800	10000	3.25 U	1100	8400	21000	12000	19000	5000	24000	NA	NA	NA	NA
6010W	MAGNESIUM	4560	6380	4700	6690	4900	5100	5100	4800	1200	1300	5000	7100	5100	5400	4300	4900	NA	NA	NA	NA
6010W	MANGANESE	614	858	1790	1970	1000	1000	1200	1100	98	280	1100	1400	970	980	1500	1700	NA	NA	NA	NA
6010W	NICKEL	10 U	30.9	44.8	81.1 J	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	20 U	NA	NA	20 U	68	20 U	20 U
6010W	POTASSIUM	1500 U	1500 U	14200	14300	1600	1700	6700	5200	4000	4000	1500	1800	1800	1900	6900	7100	NA	NA	NA	NA
6010W	SILVER	5 U	5 U	10.4 J	15.4 J	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	5 U	5 U
6010W	SODIUM	11000	12600	29000	29000	12000	12000	19000	18000	15000	14000	13000	12000	12000	11000	20000	19000	NA	NA	NA	NA
6010W	TIN	NA	NA	NA	NA	25 U	25 U	NA	NA	25 U	25 U	NA	NA	25 U	25 U	NA	NA	25 U	25 U	25 U	25 U
6010W	VANADIUM	10 U	10 U	10 U	10 U	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	31	5 U	5 U
6010W	ZINC	10 U	170	10 U	119	10 U	13.5 U	NA	NA	10 U	22 U	NA	NA	10 U	27.5 U	NA	NA	10 U	290 J	10 U	220 J
7041W	ANTIMONY	3.5 U	3.5 U	3.5 U	3.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7060W	ARSENIC	2 U	8.9	12.7	36.5 J	7.8	26	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	10	NA	NA	16	29	2.5 U	2.5 U
7421W	LEAD	1.5 U	6.5	1.5 U	8.5 J	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	2.5 U	NA	NA	2.5 U	18	2.5 U	33
747ZW	MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	NA	NA	0.1 U	0.1 U	NA	NA	0.1 U	0.1 U	NA	NA	0.1 U	0.1 U	0.1 U	0.1 U
7610W	POTASSIUM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7740W	SELENIUM	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	5 U	5 U
7841W	THALLIUM	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	NA	NA	5 U	5 U	5 U	5 U
9010W	CYANIDE	NA	5 U	NA	5 U	NA	5 U	NA	NA	NA	5 U	NA	NA	NA	5 U	NA	NA	NA	5 U	NA	5 U
SNZZW	TIN	50 U	50 U	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WASTE WATER TREATMENT AREA
GROUNDWATER
INORGANIC DATA

	SITE	IB-3		IB-3		II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-1		II-2		II-2	
	LOCATOR	SMU12/RW2		SMU12/RW2		SMU10/MW7S		SMU10/MW7S		SMU10/MW8S		SMU10/MW8S		SMU10/MW9S		SMU10/MW9S		SMU12/MW15S		SMU12/MW15S		SMU12/MW25S		SMU12/MW25S		SMU-12/MW25S		SMU-12/MW25S	
	SAMPLE NUMBER	RW-2*IB-3[D]		RW-2*IB-3[T]		MW-7S*II-1[D]		MW-7S*II-1[T]		MW-8S*II-1[D]		MW-8S*II-1[T]		MW-9S*II-1[D]		MW-9S*II-1[T]		MW-15S*II-1[D]		MW-15S*II-1[T]		MW-25S*II-1[D]		MW-25S*II-1[T]		MW-25S*II-2[D]		MW-25S*II-2[T]	
	COLLECT DATE	9/9/91		9/9/91		8/23/93		8/23/93		8/23/93		8/23/93		8/23/93		8/23/93		8/23/93		8/23/93		8/24/93		8/24/93		5/4/94		5/4/94	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010W	ANTIMONY	12.5	U	12.5	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
6010W	BARIUM	53		79		52		200		35		59		22		31		46		84		43		97		49.6		204	
6010W	BERYLLIUM	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
6010W	CADMIUM	2.5	U	2.5	U	2.5	U	7.7		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
6010W	CALCIUM	NA		NA		20000		22000		19000		21000		17000		17000		23000		24000		20000		21000		17000		20000	
6010W	CHROMIUM	5	U	5	U	5	U	28		5	U	45		5	U	16		5	U	20		5	U	32		5	U	48.7	J
6010W	COBALT	5	U	10		5	U	13		5	U	5	U	5	U	5	U	5	U	17		5	U	11		5	U	19.8			
6010W	COPPER	12.5	U	12.5	U	12.5	U	28		12.5	U	31		12.5	U	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U	64			
6010W	IRON	NA		NA		3600		260000		5700		13000		29		1800		11000		27000		9300		14000		11000		110000	
6010W	MAGNESIUM	NA		NA		5200		5500		5200		5600		2500		2700		4900		5400		3700		4000		4400		7300	
6010W	MANGANESE	NA		NA		930		1200		1200		1300		240		620		1100		1200		2400		2600		2000		2500	
6010W	NICKEL	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	54		20	U	20	U	20	U	44.6			
6010W	POTASSIUM	NA		NA		1600		1900		2900		3800		5700		6500		4000		4600		3800		5400		NA		NA	
6010W	SILVER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U		
6010W	SODIUM	NA		NA		12000		13000		18000		19000		28000		27000		16000		16000		17000		18000		18000		19000	
6010W	TIN	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U		
6010W	VANADIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	12		5	U	19		5	U	45.7	
6010W	ZINC	24		21.5	U	10	U	52	J	10	U	74	J	10	U	10	U	10	U	10	U	120	J	10	U	43	J	10	U	108	
7041W	ANTIMONY	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
7060W	ARSENIC	17		22		5	U	360		5	U	5	U	5	U	5	U	5	U	24		32		41		5	U	167	J		
7421W	LEAD	2.5	U	13		2.5	U	6.4		2.5	U	22		2.5	U	2.5	U	2.5	U	7.1		2.5	U	6.8		2.5	U	18.6	J		
7472W	MERCURY	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U		
7610W	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2700		4200	
7740W	SELENIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U		
7841W	THALLIUM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U		
9010W	CYANIDE	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U	NA		5	U		
SNZZW	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in ug/l (ppb).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.
[D] - Dissolved concentration (filtered sample).
[T] - Total concentration (unfiltered sample).

Statistical Analysis Methodology for Background versus Off-Site Soil Data

In order to determine if results from the analysis of background soil samples were significantly different from the results from the analysis of off-site soil samples, Student t-tests were run. The Student t-test is used to analyze differences between means from different sets of data. Analytes detected in approximately half or more of the samples in each group were selected for analysis. The t-test tool for data sets with unequal variances in Microsoft Excel 5 Analysis ToolPak was used to perform the calculations. The test statistic value (t) was then compared to critical t-values based on the degrees of freedom and desired confidence level.

As shown on the attached table, all of the t statistics were within the critical t-values based on 95% confidence for two-tailed distributions. This implies that the two data sets are not statistically significantly different.

TABLE 4-_
CRANSTON SITE
BACKGROUND versus OFF SITE
SHALLOW SOIL ORGANIC DATA -
t-TEST RESULTS

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND 4,4'-DDE	*OFF SITE 4,4'-DDE*
Mean	0.097062308	0.061118
Variance	0.056619606	0.016732054
Observations	13	30
Hypothesized Mean Difference	0	
df	15	
t Stat	0.512805636	
P(T<=t) one-tail	0.307777935	
t Critical one-tail	1.753051038	
P(T<=t) two-tail	0.61555587	
t Critical two-tail	2.131450856	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND 4,4'-DDT	*OFF SITE 4,4'-DDT*
Mean	0.722888462	0.095987833
Variance	6.641532583	0.04381443
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	0.87582301	
P(T<=t) one-tail	0.199159402	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.398318805	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND ANTHRACENE	*OFF SITE ANTHRACENE*
Mean	2.002153846	0.300033333
Variance	30.49849397	0.335970033
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.108635244	
P(T<=t) one-tail	0.144656311	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.289312622	
t Critical two-tail	2.178812792	

TABLE 4-_
CRANSTON SITE
BACKGROUND versus OFF SITE
SHALLOW SOIL ORGANIC DATA -
t-TEST RESULTS

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND BENZO(A)ANTHRACENE	*OFF SITE BENZO(A)ANTHRACENE*
Mean	2.961153846	0.7055
Variance	59.62888814	2.817711086
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.042591568	
P(T<=t) one-tail	0.158843591	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.317687182	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND BENZO(G,H,I)PERYLENE	*OFF SITE BENZO(G,H,I)PERYLENE*
Mean	1.464230769	0.477433333
Variance	10.92259519	0.51422784
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.065740151	
P(T<=t) one-tail	0.153757458	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.307514915	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND INDENO(1,2,3-CD)PYRENE	*OFF SITE INDENO(1,2,3-CD)PYRENE*
Mean	1.695615385	0.469166667
Variance	15.11365076	0.585585523
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.128030412	
P(T<=t) one-tail	0.140677975	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.28135595	
t Critical two-tail	2.178812792	

TABLE 4-_
CRANSTON SITE
BACKGROUND versus OFF SITE
SHALLOW SOIL ORGANIC DATA -
t-TEST RESULTS

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND BENZO(A)PYRENE	*OFF SITE BENZO(A)PYRENE*
Mean	2.377692308	0.7263
Variance	36.45056506	2.106404838
Observations	13	30
Hypothesized Mean Difference	0	
df	13	
t Stat	0.974089999	
P(T<=t) one-tail	0.173894808	
t Critical one-tail	1.770931704	
P(T<=t) two-tail	0.347789617	
t Critical two-tail	2.16036824	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND BENZO(K)FLUORANTHENOFF SITE BENZO(K)FLUORANTHENE	
Mean	4.343384615	0.632466667
Variance	140.1514289	0.873574878
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.128674047	
P(T<=t) one-tail	0.140547402	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.281094804	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND BENZO(B)FLUORANTHENOFF SITE BENZO(B)FLUORANTHENE	
Mean	3.851230769	0.968666667
Variance	97.98347553	3.347148299
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.042277588	
P(T<=t) one-tail	0.158913425	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.317826849	
t Critical two-tail	2.178812792	

TABLE 4-_
CRANSTON SITE
BACKGROUND versus OFF SITE
SHALLOW SOIL ORGANIC DATA -
t-TEST RESULTS

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND CHRYSENE	*OFF SITE CHRYSENE*
Mean	3.194230769	0.7903
Variance	67.57264103	2.262978769
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.046838195	
P(T<=t) one-tail	0.157901313	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.315802626	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND PHENANTHRENE	*OFF SITE PHENANTHRENE*
Mean	6.668692308	1.230033333
Variance	361.0926102	11.87845555
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.024662049	
P(T<=t) one-tail	0.16286778	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.32573556	
t Critical two-tail	2.178812792	

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND FLUORANTHENE	*OFF SITE FLUORANTHENE*
Mean	6.106846154	0.976733333
Variance	247.7111796	1.428290064
Observations	13	30
Hypothesized Mean Difference	0	
df	12	
t Stat	1.173772434	
P(T<=t) one-tail	0.131628205	
t Critical one-tail	1.782286745	
P(T<=t) two-tail	0.263256409	
t Critical two-tail	2.178812792	

TABLE 4-_
CRANSTON SITE
BACKGROUND versus OFF SITE
SHALLOW SOIL ORGANIC DATA -
t-TEST RESULTS

t-Test: Two-Sample Assuming Unequal Variances

	BACKGROUND PYRENE	*OFF SITE PYRENE*
Mean	5.822153846	1.588933333
Variance	237.487347	14.67359986
Observations	13	30
Hypothesized Mean Difference	0	
df	13	
t Stat	0.977428128	
P(T<=t) one-tail	0.173098292	
t Critical one-tail	1.770931704	
P(T<=t) two-tail	0.346196584	
t Critical two-tail	2.16036824	

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

M7/27/95

		SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		LOCATOR	BG/BGBP		BG/BGDGA		BG/BGWBGC		BG/BGWS		BG/BP		BG/BP		BG/BP		BG/ND		BG/ND		BG/PH		BG/PH		BG/WS	
		SAMPLE NUMBER	SF-BG-BP*II-1		SF-BG-DGA*II-1		SF-BG-WBGC*II-1		SF-BG-WS*II-1		B-DUP6*II-1		SF-BG-BP*IB-1		SF-BG-BP*IB-2		SF-BG-ND*IB-1		SF-BG-ND*IB-2		SF-BG-PH*IB-1		SF-BG-PH*IB-2		SF-BG-WS*IB-1	
		COLLECT DATE	8/9/93		7/27/93		7/28/93		8/9/93		8/9/93		12/3/90		3/21/91		12/3/90		3/21/91		12/3/90		3/21/91		12/3/90	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD		0.0038	U	1.1		0.0036	U	0.0034	U	0.0039	U	0.0011	U	0.0021	U	0.0012	U	0.00078		0.00099	U	0.0035		0.0011	U
8080S	4,4'-DDE		0.0038	U	0.81		0.0036	U	0.0034	U	0.0039	U	0.0011	U	0.38		0.0012	U	0.00042	U	0.0011		0.012		0.025	J
8080S	4,4'-DDT		0.013	J	9.3		0.0036	U	0.0034	U	0.0065	J	0.0022	U	0.0043	U	0.0024	U	0.0041		0.002	U	0.013		0.028	J
8080S	ALDRIN		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	ALPHA-BHC		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	ALPHA-CHLORDANE		0.0032	J	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	BETA-BHC		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.26	J	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	CHLOROBENZILATE		0.02	U	0.088	U	0.018	U	0.018	U	0.02	U	NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	DIELDRIN		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0011	U	0.0021	U	0.0012	U	0.0041		0.00099	U	0.0014		0.0011	U
8080S	ENDOSULFAN I		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	ENDOSULFAN II		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0034	U	0.0064	U	0.0036	U	0.0013	U	0.003	U	0.0012	U	0.0033	U
8080S	ENDOSULFAN SULFATE		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0056	U	0.011	U	0.0061	J	0.0021	U	0.005	U	0.002	U	0.0055	U
8080S	ENDRIN		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	ENDRIN ALDEHYDE		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0022	U	0.0043	U	0.0024	U	0.00084	U	0.002	U	0.00079	U	0.0022	U
8080S	GAMMA-BHC		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	GAMMA-CHLORDANE		0.005	J	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	HEPTACHLOR		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	HEPTACHLOR EPOXIDE		0.002	U	0.0088	U	0.0018	U	0.0018	U	0.002	U	0.0011	U	0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	ISODRIN		0.0038	U	0.017	U	0.0036	U	0.0034	U	0.0039	U	0.0032		0.0021	U	0.0012	U	0.00042	U	0.00099	U	0.0004	U	0.0011	U
8080S	KEPONE		0.02	U	0.18	J	0.018	U	0.018	U	0.02	U	0.0011	U	0.0021	U	0.0012	U	0.055		0.00099	U	0.0004	U	0.0011	U
8080S	METHOXYCHLOR		0.02	U	0.088	U	0.018	U	0.018	U	0.02	U	0.0056	U	0.011	U	0.006	U	0.0021	U	0.005	U	0.002	U	0.0055	U
8080S	PCB-1016		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.011	U	0.021	U	0.012	U	0.0042	U	0.0099	U	0.004	U	0.011	U
8080S	PCB-1221		0.077	U	0.35	U	0.073	U	0.07	U	0.079	U	0.022	U	0.043	U	0.024	U	0.0084	U	0.02	U	0.0079	U	0.022	U
8080S	PCB-1232		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.022	U	0.043	U	0.024	U	0.0084	U	0.02	U	0.0079	U	0.022	U
8080S	PCB-1242		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.011	U	0.021	U	0.012	U	0.0042	U	0.0099	U	0.004	U	0.011	U
8080S	PCB-1248		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.011	U	0.021	U	0.012	U	0.0042	U	0.0099	U	0.004	U	0.011	U
8080S	PCB-1254		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.022	U	0.043	U	0.024	U	0.0084	U	0.02	U	0.0079	U	0.022	U
8080S	PCB-1260		0.038	U	0.17	U	0.036	U	0.034	U	0.039	U	0.022	U	0.043	U	0.024	U	0.0084	U	0.02	U	0.0079	U	0.022	U
8080S	TOXAPHENE		0.2	U	0.88	U	0.18	U	0.18	U	0.2	U	0.056	U	0.11	U	0.06	U	0.021	U	0.05	U	0.02	U	0.055	U
8145S	DIMETHOATE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	0.11	U	0.043	U	0.12	U	0.042	U	0.1	U	0.04	U	0.11	U
8145S	DISULFOTON		0.15	U	0.14	U	0.14	U	0.14	U	0.15	U	0.11	U	0.043	U	0.0024	J	0.042	U	0.1	U	0.04	U	0.11	U
8145S	ETHYL PARATHION		0.038	U	0.034	U	0.036	U	0.034	U	0.039	U	0.086	U	0.032	U	0.0041	J	0.032	U	0.076	U	0.03	U	0.0034	J
8145S	FAMPHUR		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	0.29	U	0.11	U	0.3	U	0.11	U	0.25	U	0.099	U	0.28	U
8145S	METHYL PARATHION		0.02	U	0.018	U	0.018	U	0.018	U	0.02	U	0.0046	J	0.0064	U	0.0028	J	0.0063	U	0.0039	J	0.006	U	0.0044	J
8145S	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA		NA		NA		NA		NA		0.57	U	0.21	U	0.6	U	0.21	U	0.51	U	0.2	U	0.56	U
8145S	PHORATE		0.038	U	0.034	U	0.036	U	0.034	U	0.039	U	0.086	U	0.032	U	0.091	U	0.032	U	0.076	U	0.03	U	0.084	U
8145S	SULPOTEPP		0.02	U	0.018	U	0.018	U	0.018	U	0.02	U	0.057	U	0.021	U	0.06	U	0.021	U	0.051	U	0.02	U	0.056	U
8145S	THIONAZIN		0.038	U	0.034	U	0.036	U	0.034	U	0.039	U	0.57	U	0.21	U	0.6	U	0.21	U	0.51	U	0.2	U	0.56	U
8151S	2,4,5-T		0.02	U	0.018	U	0.018	U	0.018	U	0.02	U	0.023	U	0.0086	U	0.023	U	0.0084	U	0.02	U	0.0079	U	0.022	U
8151S	2,4,5-TP (SILVEX)		0.02	U	0.018	U	0.018	U	0.018	U	0.02	U	0.02	U	0.0073	U	0.019	U	0.0072	U	0.017	U	0.0067	U	0.019	U
8151S	2,4-D		0.02	U	0.018	U	0.018	U	0.018	U	0.02	U	0.14	U	0.052	U	0.14	U	0.061	U	0.12	U	0.047	U	0.13	U
8151S	DINOSEB		NA		NA		NA		NA		NA		0.017	U	0.0064	U	0.017	U	0.0063	U	0.015	U	0.0027	J	0.017	U
8240S	1,1,1,2-TETRACHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,1,1-TRICHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,1,2,2-TETRACHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,1,2-TRICHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,1-DICHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,1-DICHLOROETHENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,2,3-TRICHLOROPROPANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.46	U	0.51	U	0.49	U	0.51	U	0.42	U	0.48	U	0.46	U
8240S	1,2-DIBROMOETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DICHLOROETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.27	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DICHLOROPROPANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	2-BUTANONE		0.029	U	0.026	U	0.027	U	0.026	U	0.029	U	0.23	U	0.26	U	0.24	U	0.17	J	0.21	U	0.24	U	0.23	U
8240S	2-CHLORO-1,3-BUTADIENE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.58	U	0.64	U	0.61	U	0.63	U	0.53	U	0.6	U	0.58	U
8240S	2-HEXANONE		0.029	U	0.026	U	0.027	U	0.026	U	0.029	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	3-CHLOROPROPENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	4-METHYL-2-PENTANONE		0.029	U	0.026	U	0.027	U	0.026	U	0.029	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	ACETONE		0.029	U	0.026	U	0.027	U	0.026	U	0.029	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	ACETONITRILE		0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	0.46	U	0.51	U	0.49	U	0.51	U	0.42	U	0.48	U	0.46	U
8240S	ACROLEIN		0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	R		R		R		R		R		R		R	
8240S	ACRYLONITRILE		0.11	U	0.1	U	0.11	U	0.1	U	0.12	U	1.2	U	1.3	U	1.2	U	1.3	U	1.1	U	1.2	U	1.1	U
8240S	BENZENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.043	J	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	BROMODICHLOROMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	BROMOFORM		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	BROMOMETHANE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	CARBON DISULFIDE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	CARBON TETRACHLORIDE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	CHLOROBENZENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	CHLOROETHANE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	CHLOROFORM		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.032	J	0.11	U	0.12	U	0.12	U
8240S	CHLOROMETHANE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	CIS-1,3-DICHLOROPROPENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	DIBROMOCHLOROMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	DIBROMOMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	DICHLORODIFLUOROMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.46	U	0.51	U	0.49	U	0.51	U	0.42	U	0.48	U	0.46	U
8240S	ETHYL METHACRYLATE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	ETHYLBENZENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	IODOMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	ISOBUTANOL		R		R		R		R		R		NA		NA		NA		NA		NA		BA		BA	
8240S	M&P-XYLENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	METHACRYLONITRILE		0.11	U	0.1	U	0.11	U	0.1	U	0.12	U	NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	METHYLENE CHLORIDE		0.0057	U	0.01	J	0.0054	U	0.0052	U	0.0059	U	0.12		4.7	U	0.064	J	0.38	U	0.058	J	1.1	U	0.078	J
8240S	O-XYLENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	PENTACHLOROETHANE		0.029	U	0.026	U	R		0.026	U	0.029	U	NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE		0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	2.3	U	2.6	U	2.4	U	2.5	U	2.1	U	2.4	U	2.3	U
8240S	STYRENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	TETRACHLOROETHENE		0.0057	U	0.011	J	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	TOLUENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	1.2	J	0.12	U	0.04	J	0.11	U	0.17	J	0.12	U
8240S	TRANS-1,2-DICHLOROETHENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	TRANS-1,3-DICHLOROPROPENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	TRICHLOROETHENE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	TRICHLOROFLUOROMETHANE		0.0057	U	0.0052	U	0.0054	U	0.0052	U	0.0059	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8240S	VINYL ACETATE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.12	U
8240S	VINYL CHLORIDE		0.011	U	0.01	U	0.011	U	0.01	U	0.012	U	0.23	U	0.26	U	0.24	U	0.25	U	0.21	U	0.24	U	0.23	U
8248S	1,4-DIOXANE		NA		NA		NA		NA		NA		12	U	13	U	12	U	13	U	11	U	12	U	11	U
8248S	ISOBUTANOL		NA		NA		NA		NA		NA		12	U	13	U	12	U	13	U	11	U	12	U	11	U
8248S	METHACRYLONITRILE		NA		NA		NA		NA		NA		12	U	13	U	12	U	13	U	11	U	12	U	11	U
8270S	1,2,4,5-TETRACHLOROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,2,4-TRICHLOROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,2-DICHLOROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,3,5-TRINITROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,3-DINITROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,4-DICHLOROBENZENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1,4-DIOXANE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	1-NAPHTHYLAMINE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,3,4,6-TETRACHLOROPHENOL		2	U	1.8	U	1.9	U	1.8	U	2	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	2,4,5-TRICHLOROPHENOL		2	U	1.8	U	1.9	U	1.8	U	2	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,4,6-TRICHLOROPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,4-DICHLOROPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,4-DIMETHYLPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,4-DINITROPHENOL		2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	2,4-DINITROTOLUENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,6-DICHLOROPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2,6-DINITROTOLUENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-ACETYLAMINOFLUORENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	2-CHLORONAPHTHALENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-CHLOROPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-METHYLNAPHTHALENE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	0.57	J	4.5	J	1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-METHYLPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-NAPHTHYLAMINE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-NITROANILINE		2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	2-NITROPHENOL		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	2-PICOLINE		0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	BG/BGBP		BG/BGDGA		BG/BGWBGC		BG/BGWS		BG/BP		BG/BP		BG/BP		BG/ND		BG/ND		BG/PH		BG/PH		BG/WS	
	SAMPLE NUMBER	SF-BG-BP*II-1		SF-BG-DGA*II-1		SF-BG-WBGC*II-1		SF-BG-WS*II-1		B-DUP6*II-1		SF-BG-BP*IB-1		SF-BG-BP*IB-2		SF-BG-ND*IB-1		SF-BG-ND*IB-2		SF-BG-PH*IB-1		SF-BG-PH*IB-2		SF-BG-WS*IB-1	
	COLLECT DATE	8/8/93		7/27/93		7/28/93		8/9/93		8/9/93		12/3/90		3/21/91		12/3/90		3/21/91		12/3/90		3/21/91		12/3/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	0.76	U	0.69	U	0.72	U	0.69	U	0.78	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	3,3'-DIMETHYLBENZIDINE	0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	3-METHYLCHOLANTHRENE	0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	3-METHYLPHENOL	NA		NA		NA		NA		NA		1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	3-NITROANILINE	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	4,6-DINITRO-2-METHYLPHENOL	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	4-AMINOBIPHENYL	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-BROMOPHENYL-PHENYLETHER	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-CHLORO-3-METHYLPHENOL	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-CHLOROANILINE	0.76	U	0.69	U	0.72	U	0.69	U	0.78	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-METHYLPHENOL	NA		NA		NA		NA		NA		1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	4-NITROANILINE	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	4-NITROPHENOL	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	ACENAPHTHENE	0.38	U	0.031	J	0.36	U	0.34	U	0.39	U	0.82	J	5.4	J	0.063	J	0.051	J	1	U	0.39	U	0.98	U
8270S	ACENAPHTHYLENE	0.044	J	0.078	J	0.36	U	0.34	U	0.39	U	0.28	J	0.61	J	1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	ACETOPHENONE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	ANILINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	ANTHRACENE	0.081	J	0.11	J	0.36	U	0.34	U	0.036	J	4.2		20	J	0.18	J	0.15	J	0.041	J	0.39	U	0.98	U
8270S	ARAMITE	R		R		R		R		R		11	U	R		12	U	4.2	U	10	U	3.9	U	9.8	U
8270S	BENZO(A)ANTHRACENE	0.28	J	0.56		0.25	U	0.24	U	0.12	J	6.6		28	J	0.82	J	0.67		0.32	J	0.39	U	0.98	U
8270S	BENZO(A)PYRENE	0.32	J	0.72	J	0.13	J	0.24	U	0.12	J	5		22	J	0.64	J	0.61		0.37	J	0.39	U	0.98	U
8270S	BENZO(B)FLUORANTHENE	0.4	J	1.3	J	0.2	J	0.026	J	0.15	J	8.2		36	J	1.4		0.91		0.6	J	0.39	U	0.98	U
8270S	BENZO(G,H,I)PERYLENE	0.22	J	0.38	J	0.08	J	0.34	U	0.39	U	3.7		12	J	0.52	J	0.4	J	0.49	J	0.39	U	0.98	U
8270S	BENZO(K)FLUORANTHENE	0.14	J	0.4	J	0.079	J	0.34	U	0.065	J	8.6		43	J	1.4		1.1		0.63	J	0.39	U	0.98	U
8270S	BENZYL ALCOHOL	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.12	J	0.4	U	0.36	U	0.087	J	0.39	U	1.1	U	R		1.3	U	0.42	U	1	U	0.39	U	2.3	U
8270S	BUTAZOLIDIN	R		1.8	U	R		R		R		5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	BUTYLBENZYLPHTHALATE	0.38	U	0.05	J	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	CHLOROBENZILATE	NA		NA		NA		NA		NA		1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	CHRYSENE	0.42	J	0.96		0.16	J	0.34	U	0.19	J	6.3		30	J	1.1	J	0.97		0.43	J	0.39	U	0.98	U
8270S	DCDD	0	U	0	U	0	U	0	U	0	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	DCDF	0	U	0	U	0	U	0	U	0	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	DI-N-BUTYLPHTHALATE	0.38	U	0.37	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DI-N-OCTYLPHTHALATE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DIALLATE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DIBENZ(A,H)ANTHRACENE	0.23	U	0.12	J	0.22	U	0.21	U	0.24	U	1	J	3.7	J	1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DIBENZOFURAN	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.6		9.7	J	0.061	J	0.043	J	1	U	0.39	U	0.98	U
8270S	DIETHYLPHTHALATE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DIMETHYLPHENETHYLAMINE	2	U	1.8	U	1.9	U	1.8	U	2	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DIMETHYLPHTHALATE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	DINOSEB	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	DIPHENYLAMINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	ETHYL METHANESULFONATE	0.034	U	0.031	U	0.033	U	0.031	U	0.035	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	FLUORANTHENE	0.69	J	2		0.42		0.043	J	0.29	J	14		57	J	2.1		1.6		0.74	J	0.23	J	0.096	J
8270S	FLUORENE	0.38	U	0.053	J	0.36	U	0.34	U	0.39	U	1.7		9.4	J	0.1	J	0.088	J	1	U	0.39	U	0.98	U
8270S	HEXACHLOROBENZENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	HEXACHLOROBUTADIENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	HEXACHLOROETHANE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		R		NA		84	U	NA		78	U	NA	
8270S	HEXACHLOROPROPENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	INDENO(1,2,3-CD)PYRENE	0.23	J	0.37	J	0.22	U	0.21	U	0.078	J	4.6		14	J	0.79	J	0.31	J	0.67	J	0.39	U	0.98	U
8270S	IRGASAN DP-300	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	ISOPHORONE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	ISOSAFROLE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	METHAPYRILENE	3.8	U	3.4	U	3.6	U	3.4	U	3.9	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	METHYL METHANESULFONATE	0.034	U	0.031	U	0.033	U	0.031	U	0.035	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.34	U	0.31	U	0.33	U	0.31	U	0.35	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSODIETHYLAMINE	0.015	U	0.014	U	0.014	U	0.014	U	0.015	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSODIMETHYLAMINE	0.056	U	0.051	U	0.053	U	0.051	U	0.058	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSOMETHYLETHYLAMINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSOPIPERIDINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	N-NITROSOPYRROLIDINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	NAPHTHALENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	0.88	J	7.3	J	0.041	J	0.023	J	1	U	0.39	U	0.98	U
8270S	NITROBENZENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	O-TOLUIDINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.034	U	0.031	U	0.033	U	0.031	U	0.035	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	P-PHENYLENEDIAMINE	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	5.9		4.9	U
8270S	PENTACHLOROBENZENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PENTACHLORONITROBENZENE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PENTACHLOROPHENOL	2	U	1.8	U	1.9	U	1.8	U	2	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	PHENACETIN	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PHENANTHRENE	0.4	J	1.1		0.18	J	0.34	U	0.17	J	12		69	J	1.7		1.3		0.42	J	0.12	J	0.052	J
8270S	PHENOL	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PRONAMIDE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	PROPAZINE	0.76	U	0.69	U	0.72	U	0.69	U	0.78	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	PYRENE	0.63	J	1.9	J	0.32	J	0.038	J	0.28	J	12		56	J	1.9		1.5		0.61	J	0.21	J	0.1	J
8270S	PYRIDINE	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	SAFROLE	0.38	U	0.34	U	0.042	J	0.34	U	0.39	U	1.1	U	R		1.2	U	0.42	U	1	U	0.39	U	0.98	U
8270S	TINUVIN 327	NA				NA		NA		NA		5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	TINUVIN 328	0.38	U	0.34	U	0.36	U	0.34	U	0.39	U	NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	3.8	U	3.4	U	3.6	U	3.4	U	3.9	U	5.6	U	R		6	U	2.1	U	5.1	U	2	U	4.9	U
8270S	TRCDD	0	U	0	U	0	U	0	U	0	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
8270S	TRCDF	0	U	0	U	0	U	0	U	0	U	2.3	U	R		2.4	U	0.84	U	2	U	0.78	U	2	U
SOWZS	1,2,3,4,6,7,8-HPCDD	0.00003	U	0.000085	U	0.00016	U	0.000054	U	0.000025	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	0.000028	U	0.00011	F	0.000079	U	0.000061	U	0.000027	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	0.000036	U	0.00012	U	0.00011	U	0.000079	U	0.000034	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	0.000055	U	0.00018	U	0.00016	U	0.00012	U	0.00006	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	0.000032	U	0.000085	U	0.000071	U	0.000065	U	0.000032	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	0.000056	U	0.00018	U	0.00016	U	0.00012	U	0.000062	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	0.000029	U	0.000078	U	0.000066	U	0.000059	U	0.000029	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	0.000061	U	0.00016	U	0.00014	U	0.00011	U	0.000064	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	0.000037	U	0.0001	U	0.000086	U	0.000075	U	0.000037	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	0.000052	U	0.00014	U	0.00013	U	0.00011	U	0.000047	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	0.000034	U	0.000083	U	0.000074	U	0.000064	U	0.000029	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	0.000034	U	0.00009	U	0.000075	U	0.000068	U	0.000033	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	0.000036	U	0.000088	U	0.000078	U	0.000067	U	0.000031	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	0.000029	U	0.000097	U	0.000052	U	0.000045	U	0.000028	U	0.00022	U	0.00011	U	0.00032	U	0.00011	U	0.00027	U	0.000093	U	0.00026	U
SOWZS	2,3,7,8-TCDF	0.000018	U	0.000045	U	0.000024	U	0.000034	U	0.000023	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDD	0.00003	U	0.000085	U	0.00016	U	0.000054	U	0.000025	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDF	0.000028	U	0.00015	F	0.000079	U	0.000061	U	0.000027	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	HXCDD	0.000051	U	0.00016	U	0.00014	U	0.00011	U	0.000054	U	0.0004	U	0.00023	U	0.00051	U	0.00022	U	0.00045	U	0.00018	U	0.00044	U
SOWZS	HXCDF	0.000029	U	0.000078	U	0.000066	U	0.000059	U	0.000029	U	0.00026	U	0.00013	U	0.00033	U	0.00013	U	0.00028	U	0.0001	U	0.00029	U
SOWZS	OCDD	0.00026	U	0.00029	F	0.0012	J	0.00035	J	0.00018	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	OCDF	0.000058	U	0.00019	F	0.00012	U	0.00011	U	0.000052	U	NA		NA		NA		NA		NA		NA		NA	
SOWZS	PECDD	0.000052	U	0.00014	U	0.00013	U	0.00011	U	0.000047	U	0.00024	U	0.00012		0.00032	U	0.00012	U	0.00029	U	0.000092	U	0.00029	U
SOWZS	PECDF	0.000034	U	0.000083	U	0.000074	U	0.000064	U	0.000029	U	0.00015	U	0.000073	U	0.00021	U	0.000072	U	0.00018	U	0.00006	U	0.00018	U
SOWZS	TCDD	0.000029	U	0.000097	U	0.000052	U	0.000045	U	0.000028	U	0.00022	U	0.00011	U	0.00032	U	0.00011	U	0.00027	U	0.000093	U	0.00026	U
SOWZS	TCDF	0.000018	U	0.000045	U	0.000024	U	0.000034	U	0.000023	U	0.00016	U	0.000074	U	0.00022	U	0.000078	U	0.00018	U	0.000064	U	0.00018	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
P - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	BG/WS		OF/APC		OF/BRF		OF/BS		OF/CGH		OF/EHS		OF/FF		OF/HMEH		OF/NAS		OF/PAEH		OF/PIP	
	SAMPLE NUMBER	SF-BG-WS*IB-2		SF-OF-APC*II-1		SF-OF-BRF*II-1		SF-OF-BS*II-1		SF-OF-CGH*II-1		SF-OF-EHS*II-1		SF-OF-FF*II-1		SF-OF-HMEH*II-1		SF-OF-NAS*II-1		SF-OF-PAEH*II-1		SF-OF-PIP*II-1	
	COLLECT DATE	3/21/91		8/4/93		7/28/93		7/28/93		7/28/93		8/4/93		7/27/93		7/29/93		8/4/93		7/28/93		8/4/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0031		0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.023		0.0034	U	0.0036	U	0.0036	U
8080S	4,4'-DDE	0.025		0.0036	U	0.15		0.01	J	0.0041	J	0.34		0.0043	U	0.14	J	0.0042	J	0.014		0.0036	U
8080S	4,4'-DDT	0.024		0.0036	U	0.11		0.14		0.012	J	0.66		0.0043	U	0.18		0.012		0.037	J	0.0036	U
8080S	ALDRIN	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	ALPHA-BHC	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	ALPHA-CHLORDANE	0.00039	U	0.0018	U	0.0017	U	0.0075	J	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	BETA-BHC	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	CHLOROBENZILATE	NA		0.018	U	0.029		0.04		0.019	U	0.18	U	0.022	U	0.018	U	0.043		0.079	J	0.019	U
8080S	DELTA-BHC	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	DIELDRIN	0.00039	U	0.0089	J	0.0034	U	0.0045	J	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0034	U	0.0036	U	0.0036	U
8080S	ENDOSULFAN I	0.00039	U	0.0018	U	0.0017	U	0.0078	J	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	ENDOSULFAN II	0.0012	U	0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0034	U	0.0036	U	0.0036	U
8080S	ENDOSULFAN SULFATE	0.0019	U	0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0058	J	0.0036	U	0.0036	U
8080S	ENDRIN	0.00027	J	0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0034	U	0.0036	U	0.0036	U
8080S	ENDRIN ALDEHYDE	0.001		0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0034	U	0.0036	U	0.0036	U
8080S	GAMMA-BHC	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	GAMMA-CHLORDANE	0.00039	U	0.0018	U	0.0017	U	0.0089	J	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	HEPTACHLOR	0.00039	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	HEPTACHLOR EPOXIDE	0.00039	U	0.0043	J	0.014	J	0.0035	J	0.0019	U	0.018	U	0.0022	U	0.0018	U	0.0018	U	0.0018	U	0.0019	U
8080S	ISODRIN	0.00039	U	0.0036	U	0.0034	U	0.0034	U	0.0036	U	0.034	U	0.0043	U	0.0035	U	0.0034	U	0.0036	U	0.0036	U
8080S	KEPONE	0.00039	U	0.018	U	0.017	U	0.018	U	0.019	U	0.18	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8080S	METHOXYCHLOR	0.0019	U	0.018	U	0.017	U	0.018	U	0.019	U	0.18	U	0.022	U	0.018	U	0.018	U	0.032		0.019	U
8080S	PCB-1016	0.0039	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	PCB-1221	0.0078	U	0.073	U	0.068	U	0.069	U	0.074	U	0.67	U	0.088	U	0.07	U	0.07	U	0.073	U	0.074	U
8080S	PCB-1232	0.0078	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	PCB-1242	0.0039	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	PCB-1248	0.0039	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	PCB-1254	0.0078	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	PCB-1260	0.0078	U	0.036	U	0.034	U	0.034	U	0.036	U	0.34	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8080S	TOXAPHENE	0.019	U	0.18	U	0.17	U	0.18	U	0.19	U	1.8	U	0.22	U	0.18	U	0.18	U	0.18	U	0.19	U
8140S	DIMETHOATE	0.039	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8140S	DISULFOTON	0.039	U	0.14	U	0.13	U	0.13	U	0.14	U	0.13	U	0.17	U	0.14	U	0.14	U	0.14	U	0.14	U
8140S	ETHYL PARATHION	0.029	U	0.036	U	0.034	U	0.034	U	0.036	U	0.034	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8140S	FAMPHUR	0.098	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8140S	METHYL PARATHION	0.0059	U	0.018	U	0.017	U	0.018	U	0.019	U	0.018	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8140S	PHORATE	0.029	U	0.036	U	0.034	U	0.034	U	0.036	U	0.034	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8140S	SULFOTEPP	0.02	U	0.018	U	0.017	U	0.018	U	0.019	U	0.018	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8140S	THIONAZIN	0.2	U	0.036	U	0.034	U	0.034	U	0.036	U	0.034	U	0.043	U	0.035	U	0.034	U	0.036	U	0.036	U
8150S	2,4,5-T	0.0077	U	0.018	U	0.017	U	0.017	U	0.019	U	0.018	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8150S	2,4,5-TP (SILVEX)	0.0066	U	0.018	U	0.017	U	0.017	U	0.019	U	0.018	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8150S	2,4-D	0.046	U	0.018	U	0.017	U	0.017	U	0.019	U	0.018	U	0.022	U	0.018	U	0.018	U	0.018	U	0.019	U
8150S	DINOSEB	0.0058	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,1,1-TRICHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,1,2-TRICHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,1-DICHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,1-DICHLOROETHENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,2,3-TRICHLOROPROPANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.47	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	1,2-DIBROMOETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,2-DICHLOROETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	1,2-DICHLOROPROPANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	2-BUTANONE	0.24	U	0.027	U	0.026	U	0.026	U	0.027	U	0.026	U	0.033	U	0.026	U	0.026	U	0.027	U	0.027	U
8240S	2-CHLORO-1,3-BUTADIENE	0.59	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	2-HEXANONE	0.24	U	0.027	U	0.026	U	0.026	U	0.027	U	0.026	U	0.033	U	0.026	U	0.026	U	0.027	U	0.027	U
8240S	3-CHLOROPROPENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	4-METHYL-2-PENTANONE	0.24	U	0.027	U	0.026	U	0.026	U	0.027	U	0.026	U	0.033	U	0.026	U	0.026	U	0.027	U	0.027	U
8240S	ACETONE	0.24	U	0.027	U	0.026	U	0.026	U	0.027	U	0.026	U	0.14	J	0.026	U	0.026	U	0.027	U	0.027	U
8240S	ACETONITRILE	0.47	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8240S	ACROLEIN	R		0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8240S	ACRYLONITRILE	1.2	U	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U	0.13	U	0.1	U	0.1	U	0.11	U	0.11	U
8240S	BENZENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	BROMODICHLOROMETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	BROMOFORM	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	BROMOMETHANE	0.24	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	CARBON DISULFIDE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	CARBON TETRACHLORIDE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	CHLOROBENZENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	CHLOROETHANE	0.24	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	CHLOROFORM	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	CHLOROMETHANE	0.24	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	CIS-1,3-DICHLOROPROPENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	DIBROMOCHLOROMETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	DIBROMOMETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	DICHLORODIFLUOROMETHANE	0.47	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	ETHYL METHACRYLATE	0.24	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	ETHYLBENZENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	IODOMETHANE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	ISOBUTANOL	NA		R		R		R		R		R		R		R		R		R		R	
8240S	M&P-XYLENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	METHACRYLONITRILE	NA		0.11	U	0.1	U	0.1	U	0.11	U	0.1	U	0.13	U	0.1	U	0.1	U	0.11	U	0.11	U
8240S	METHYL METHACRYLATE	0.24	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	METHYLENE CHLORIDE	0.22	U	0.0054	U	0.017		0.0052	U	0.0055	U	0.0052	U	0.012	J	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	O-XYLENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	PENTACHLOROETHANE	NA		0.027	U	R		R		0.027	U	0.026	U	0.033	U	R		0.026	U	R		0.027	U
8240S	PROPANENITRILE	2.4	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8240S	STYRENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TETRACHLOROETHENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0077		0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TOLUENE	0.027	J	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TRANS-1,2-DICHLOROETHENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.24	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TRICHLOROETHENE	0.12	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	TRICHLOROFLUOROMETHANE	0.24	U	0.0054	U	0.0051	U	0.0052	U	0.0055	U	0.0052	U	0.0066	U	0.0053	U	0.0052	U	0.0054	U	0.0055	U
8240S	VINYL ACETATE	0.12	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	VINYL CHLORIDE	0.24	U	0.011	U	0.01	U	0.01	U	0.011	U	0.01	U	0.013	U	0.01	U	0.01	U	0.011	U	0.011	U
8240S	1,4-DIOXANE	12	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	ISOBUTANOL	12	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHACRYLONITRILE	12	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,2,4-TRICHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,2-DICHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,3,5-TRINITROBENZENE	NA		0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,3-DICHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,3-DINITROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,4-DICHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,4-DIOXANE	NA		0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1,4-NAPHTHOQUINONE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	1-NAPHTHYLAMINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,3,4,6-TETRACHLOROPHENOL	0.77	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2,4,5-TRICHLOROPHENOL	0.39	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2,4,6-TRICHLOROPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,4-DICHLOROPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,4-DIMETHYLPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,4-DINITROPHENOL	1.9	U	R		1.7	U	R		1.9	U	R		2.2	U	1.8	U	R		R		R	
8270S	2,4-DINITROTOLUENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,6-DICHLOROPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2,6-DINITROTOLUENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-ACETYLAMINOFLUORENE	1.9	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-CHLORONAPHTHALENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-CHLOROPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-METHYLNAPHTHALENE	0.39	U	0.36	U	0.031	J	0.054	J	0.18	J	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-METHYLPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-NAPHTHYLAMINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-NITROANILINE	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2-NITROPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	2-PICOLINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	BG/WS		OF/APC		OF/BRF		OF/BS		OF/CGH		OF/EHS		OF/FF		OF/HMEH		OF/NAS		OF/PAEH		OF/PIP	
	SAMPLE NUMBER	SF-BG-WS*IB-2		SF-OF-APC*II-1		SF-OF-BRF*II-1		SF-OF-BS*II-1		SF-OF-CGH*II-1		SF-OF-EHS*II-1		SF-OF-FF*II-1		SF-OF-HMEH*II-1		SF-OF-NAS*II-1		SF-OF-PAEH*II-1		SF-OF-PIP*II-1	
	COLLECT DATE	3/21/91		8/4/93		7/28/93		7/28/93		7/29/93		8/4/93		7/27/93		7/29/93		8/4/93		7/28/93		8/4/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	NA		0.36	U	0.34	U	0.34	U	0.049	J	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	3,3'-DICHLOROBENZIDINE	0.77	U	0.72	U	0.67	U	0.68	U	0.72	U	0.68	U	0.87	U	0.69	U	0.69	U	0.72	U	0.72	U
8270S	3,3'-DIMETHYLBENZIDINE	0.77	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8270S	3-METHYLCHOLANTHRENE	0.39	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8270S	3-METHYLPHENOL	0.39	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4,6-DINITRO-2-METHYLPHENOL	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-AMINOBIPHENYL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	4-BROMOPHENYL-PHENYLETHER	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	4-CHLORO-3-METHYLPHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	4-CHLOROANILINE	0.39	U	0.72	U	0.67	U	0.68	U	0.72	U	0.68	U	0.87	U	0.69	U	0.69	U	0.72	U	0.72	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	4-METHYLPHENOL	0.39	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-NITROPHENOL	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		3.6	U	R		R		R		3.4	U	R		R		3.4	U	R		3.6	U
8270S	5-NITRO-O-TOLUIDINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	1.9	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8270S	ACENAPHTHENE	0.39	U	0.36	U	0.074	J	0.26	J	0.33	J	0.34	U	0.43	U	0.35	U	0.11	J	0.36	U	0.36	U
8270S	ACENAPHTHYLENE	0.39	U	0.098	J	0.062	J	0.32	J	1.4	J	0.34	U	0.43	U	0.35	U	0.056	J	0.063	J	0.36	U
8270S	ACETOPHENONE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	ANILINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	ANTHRACENE	0.39	U	0.12	J	0.12	J	0.26	J	3.8	J	0.029	J	0.43	U	0.35	U	0.8	J	0.14	J	0.36	U
8270S	ARAMITE	3.9	U	R		R		R		R		R		R		R		R		R		R	
8270S	BENZO(A)ANTHRACENE	0.39	U	0.69	J	0.49		1.1		9.3	J	0.24	U	0.3	U	0.24	U	0.91		0.6		0.25	U
8270S	BENZO(A)PYRENE	0.39	U	0.65	J	0.55	J	1.2		7.8	J	0.11	J	0.3	U	0.061	J	0.86		0.55		0.25	U
8270S	BENZO(B)FLUORANTHENE	0.39	U	0.9	J	0.94	J	1.7		9.5	J	0.17	J	0.033	J	0.24	U	1.2		0.83		0.027	J
8270S	BENZO(G,H,I)PERYLENE	0.39	U	0.36	J	0.34	J	0.84		3.7	J	0.065	J	0.43	U	0.35	U	0.45		0.31		0.36	U
8270S	BENZO(K)FLUORANTHENE	0.39	U	0.33	J	0.36	J	0.66		2.6	J	0.053	J	0.3	U	0.047	J	0.5		0.31		0.25	U
8270S	BENZYL ALCOHOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.39	U	0.36	U	11		0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	BUTAZOLIDIN	1.9	U	R		R		R		R		R		R		R		R		R		R	
8270S	BUTYLBENZYLPHTHALATE	0.39	U	0.36	U	0.069	J	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.042	J	0.36	U	0.36	U
8270S	CHLOROBENZILATE	0.39	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	0.14	J	0.71	J	0.71		1.1		8.1	J	0.13	J	0.43	U	0.076	J	0.93		0.69		0.36	U
8270S	DCDD	0.77	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
8270S	DCDF	0.77	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
8270S	DI-N-BUTYLPHTHALATE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	DI-N-OCTYLPHTHALATE	0.39	U	0.36	U	2.1	J	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	DIALLATE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	DIBENZ(A,H)ANTHRACENE	0.39	U	0.11	J	0.076	J	0.21	U	0.89	J	0.21	U	0.26	U	0.21	U	0.14	J	0.094	J	0.22	U
8270S	DIBENZOFURAN	0.39	U	0.36	U	0.064	J	0.069	J	0.88	J	0.34	U	0.43	U	0.35	U	0.062	J	0.36	U	0.36	U
8270S	DIETHYLPHTHALATE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	DIMETHYLPHENETHYLAMINE	0.39	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	DIMETHYLPHTHALATE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	DINOSEB	NA		R		0.34	U	R		0.36	U	R		0.43	U	0.35	U	R		R		R	
8270S	DIPHENYLAMINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	ETHYL METHANESULFONATE	0.39	U	0.033	U	0.031	U	0.031	U	0.033	U	0.031	U	0.039	U	0.032	U	0.031	U	0.033	U	0.033	U
8270S	FLUORANTHENE	0.18	J	1.4	J	1.6		1.9		1.5	J	0.27	J	0.43	U	0.14	J	2.2		1.7		0.04	J
8270S	FLUORENE	0.39	U	0.042	J	0.1	J	0.059	J	1	J	0.34	U	0.43	U	0.35	U	0.14	J	0.054	J	0.36	U
8270S	HEXACHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	HEXACHLOROBUTADIENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	HEXACHLOROETHANE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	HEXACHLOROPHENE	77	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	INDENO(1,2,3-CD)PYRENE	0.39	U	0.39	J	0.29	J	0.91		3.9	J	0.068	J	0.26	U	0.039	J	0.5		0.36		0.22	U
8270S	IRGASAN DP-300	1.9	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	ISOPHORONE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	ISOSAFROLE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	METHAPYRILENE	0.39	U	3.6	U	3.4	U	3.4	U	3.6	U	3.4	U	4.3	U	3.5	U	3.4	U	3.6	U	3.6	U
8270S	METHYL METHANESULFONATE	0.39	U	0.033	U	0.031	U	0.031	U	0.033	U	0.031	U	0.039	U	0.032	U	0.031	U	0.033	U	0.033	U
8270S	*N-NITROSO-DI-N-BUTYLAMINE*	0.39	U	0.33	U	0.31	U	0.31	U	0.33	U	0.31	U	0.39	U	0.32	U	0.31	U	0.33	U	0.33	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.39	U	0.22	U	0.2	U	0.21	U	0.22	U	0.21	U	0.26	U	0.21	U	0.21	U	0.22	U	0.22	U
8270S	N-NITROSODIETHYLAMINE	0.39	U	0.014	U	0.013	U	0.013	U	0.014	U	0.013	U	0.017	U	0.014	U	0.014	U	0.014	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE	0.39	U	0.053	U	0.05	U	0.05	U	0.054	U	0.05	U	0.064	U	0.052	U	0.051	U	0.053	U	0.054	U
8270S	N-NITROSODIPHENYLAMINE	0.39	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	N-NITROSOMORPHOLINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	N-NITROSOPIPERIDINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	N-NITROSOPYRROLIDINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	NAPHTHALENE	0.39	U	0.36	U	0.055	J	0.12	J	0.34	J	0.34	U	0.43	U	0.35	U	0.044	J	0.36	U	0.36	U
8270S	NITROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	O-TOLUIDINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.39	U	0.033	U	0.031	U	0.031	U	0.033	U	0.031	U	0.039	U	0.032	U	0.031	U	0.033	U	0.033	U
8270S	P-PHENYLENEDIAMINE	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	PENTACHLOROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	PENTACHLOROETHANE	0.39	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	PENTACHLOROPHENOL	1.9	U	1.8	U	1.7	U	1.8	U	1.9	U	1.8	U	2.2	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	PHENACETIN	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	PHENANTHRENE	0.081	J	0.61	J	1.3		0.88		19	J	0.17	J	0.43	U	0.075	J	1.4		0.87		0.36	U
8270S	PHENOL	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	PRONAMIDE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	PROPAZINE	1.9	U	0.72	U	0.67	U	0.68	U	0.72	U	0.68	U	0.87	U	0.69	U	0.69	U	0.72	U	0.72	U
8270S	PYRENE	0.2	J	1.3	J	2		1.8		21		0.26	J	0.43	U	0.14	J	1.9		1.2		0.039	J
8270S	PYRIDINE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	SAFROLE	0.39	U	0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	TINUVIN 327	1.9	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		0.36	U	0.34	U	0.34	U	0.36	U	0.34	U	0.43	U	0.35	U	0.34	U	0.36	U	0.36	U
8270S	TOFRANIL	1.9	U	3.6	U	3.4	U	3.4	U	3.6	U	3.4	U	4.3	U	3.5	U	3.4	U	3.6	U	3.6	U
8270S	TRCDD	0.77	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
8270S	TRCDF	0.77	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		0.00011	U	0.000053	U	0.00012	U	0.000059	U	0.0001	U	0.000046	U	0.0001	U	0.0001	U	0.000071	U	0.000088	U
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		0.000092	U	0.000064	U	0.00019	U	0.000067	U	0.00011	U	0.000066	U	0.000046	U	0.00011	U	0.000074	U	0.000081	U
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		0.00013	U	0.000084	U	0.00025	U	0.000088	U	0.00015	U	0.000088	U	0.000061	U	0.00015	U	0.000099	U	0.00011	U
SOWZS	1,2,3,4,7,8-HXCDD	NA		0.00019	U	0.00011	U	0.00013	U	0.00012	U	0.0002	U	0.000097	U	0.000087	U	0.0002	U	0.00016	U	0.00019	U
SOWZS	1,2,3,4,7,8-HXCDF	NA		0.000092	U	0.00006	U	0.00007	U	0.000065	U	0.000095	U	0.000059	U	0.000048	U	0.0001	U	0.000075	U	0.000083	U
SOWZS	1,2,3,6,7,8-HXCDD	NA		0.00019	U	0.00011	U	0.00013	U	0.00012	U	0.00021	U	0.0001	U	0.000089	U	0.00021	U	0.00016	U	0.0002	U
SOWZS	1,2,3,6,7,8-HXCDF	NA		0.000086	U	0.000056	U	0.000065	U	0.000061	U	0.000089	U	0.000056	U	0.000044	U	0.000093	U	0.000069	U	0.000077	U
SOWZS	1,2,3,7,8,9-HXCDD	NA		0.00017	U	0.0001	U	0.00011	U	0.00011	U	0.00018	U	0.00009	U	0.000081	U	0.00018	U	0.00014	U	0.00017	U
SOWZS	1,2,3,7,8,9-HXCDF	NA		0.00011	U	0.000072	U	0.000085	U	0.000078	U	0.00012	U	0.000071	U	0.000056	U	0.00012	U	0.000091	U	0.0001	U
SOWZS	1,2,3,7,8-PECDD	NA		0.00016	U	0.000072	U	0.00012	U	0.0001	U	0.00016	U	0.000069	U	0.000063	U	0.00016	U	0.00014	U	0.00017	U
SOWZS	1,2,3,7,8-PECDF	NA		0.0001	U	0.000044	U	0.000069	U	0.000052	U	0.0001	U	0.00004	U	0.000038	U	0.0001	U	0.000087	U	0.000093	U
SOWZS	2,3,4,6,7,8-HXCDF	NA		0.000099	U	0.000064	U	0.000074	U	0.000069	U	0.0001	U	0.000063	U	0.000051	U	0.00011	U	0.000079	U	0.000089	U
SOWZS	2,3,4,7,8-PECDF	NA		0.00011	U	0.000047	U	0.000074	U	0.000055	U	0.00011	U	0.000043	U	0.000041	U	0.00011	U	0.000092	U	0.0001	U
SOWZS	2,3,7,8-TCDD	0.00011	U	0.000056	U	0.000034	U	0.000063	U	0.000036	U	0.000083	U	0.000038	U	0.00003	U	0.000066	U	0.000061	U	0.00006	U
SOWZS	2,3,7,8-TCDF	NA		0.000047	U	0.000027	U	0.000039	U	0.000028	U	0.000042	U	0.000025	U	0.000021	U	0.000043	U	0.000037	U	0.000045	U
SOWZS	HPCDD	NA		0.00011	U	0.000053	U	0.00012	U	0.000059	U	0.0001	U	0.000046	U	0.0001	U	0.0001	U	0.000071	U	0.000088	U
SOWZS	HPCDF	NA		0.000092	U	0.000064	U	0.00019	U	0.000067	U	0.00011	U	0.000066	U	0.000046	U	0.00011	U	0.000074	U	0.000081	U
SOWZS	HXCDD	0.0002	U	0.00017	U	0.0001	U	0.00011	U	0.00011	U	0.00018	U	0.00009	U	0.000081	U	0.00018	U	0.00014	U	0.00017	U
SOWZS	HXCDF	0.00012	U	0.000086	U	0.000056	U	0.000065	U	0.000061	U	0.000089	U	0.000056	U	0.000044	U	0.000093	U	0.000069	U	0.000077	U
SOWZS	OCDD	NA		0.0005	F	0.00026	U	0.00083	J	0.00023	J	0.00058	U	0.00021	F	0.0007	J	0.00051	U	0.00069	U	0.00071	U
SOWZS	OCDF	NA		0.0002	U	0.00013	U	0.00037	U	0.00014	U	0.00018	U	0.00014	U	0.000096	U	0.00019	U	0.00011	U	0.00016	U
SOWZS	PECDD	0.00011	U	0.00016	U	0.000072	U	0.00012	U	0.0001	U	0.00016	U	0.000069	U	0.000063	U	0.00016	U	0.00014	U	0.00017	U
SOWZS	PECDF	0.000068	U	0.0001	U	0.000044	U	0.000069	U	0.000052	U	0.0001	U	0.00004	U	0.000038	U	0.0001	U	0.000087	U	0.000093	U
SOWZS	TCDD	0.00011	U	0.000056	U	0.000034	U	0.000063	U	0.000036	U	0.000083	U	0.000038	U	0.00003	U	0.000066	U	0.000061	U	0.00006	U
SOWZS	TCDF	0.000076	U	0.000047	U	0.000027	U	0.000039	U	0.000028	U	0.000042	U	0.000025	U	0.000021	U	0.000043	U	0.000037	U	0.000045	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND SHALLOW SOIL ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	OF/PVJHS		OF/RCR		OF/RRW		OF/RWP		OF/SBP		OF/SNH		OS/AJHS		OS/BRF		OS/BS		OS/CGH		OS/CRS	
	SAMPLE NUMBER	SF-OF-PVJHS*II-1		SF-OF-RCR*II-1		SF-OF-RRW*II-1		SF-OF-RWP*II-1		SF-OF-SBP*II-1		SF-OF-SNH*II-1		SF-OS-AJHS*IB-2		SF-OS-BRF*IB-2		SF-OS-BS*IB-2		SF-OS-CGH*IB-2		SF-OS-CRS*IB-2	
	COLLECT DATE	7/28/93		7/28/93		7/27/93		7/27/93		7/27/93		8/4/93		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	0.69	U	0.68	U	0.69	U	0.69	U	0.69	U	0.78	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	3,3'-DIMETHYLBENZIDINE	0.21	U	0.21	U		R	0.21	U	0.21	U	0.24	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	3-METHYLCHOLANTHRENE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.24	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	3-NITROANILINE	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	4,6-DINITRO-2-METHYLPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	4-AMINOBIPHENYL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-BROMOPHENYL-PHENYLETHER	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-CHLORO-3-METHYLPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-CHLOROANILINE	0.69	U	0.68	U	0.69	U	0.69	U	0.69	U	0.78	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	4-NITROANILINE	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	4-NITROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	4-NITROQUINOLINE-N-OXIDE		R		R		R		R		R	3.9	U		R		R		R		R		R
8270S	5-NITRO-O-TOLUIDINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.24	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	ACENAPHTHENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.25	J	0.41	U	0.032	J	0.36	U	0.42	U	0.41	U
8270S	ACENAPHTHYLENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.049	J	0.41	U	0.39	U	0.36	U	0.017	J	0.41	U
8270S	ACETOPHENONE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	ANILINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	ANTHRACENE	0.34	U	0.34	U	0.041	J	0.34	U	0.35	U	0.43		0.41	U	0.073	J	0.36	U	0.047	J	0.41	U
8270S	ARAMITE		R		R		R		R		R		R	4.1	U	3.9	U	3.6	U	4.2		4.1	U
8270S	BENZO(A)ANTHRACENE	0.24	U	0.24	U	0.38		0.24	U	0.24	U	0.22		0.061	J	0.44		0.36	U	0.31	J	0.41	U
8270S	BENZO(A)PYRENE	0.061	J	0.24	U	0.3		0.24	U	0.24	U	2.3		0.082	J	0.48		0.36	U	0.35	J	0.41	U
8270S	BENZO(B)FLUORANTHENE	0.076	J	0.045	J	0.48		0.24	U	0.24	U	3.3		0.12	J	0.68		0.36	U	0.48		0.41	U
8270S	BENZO(G,H,I)PERYLENE	0.34	U	0.34	U	0.14	J	0.34	U	0.35	U	1.1		0.072	J	0.4		0.36	U	0.3	J	0.41	U
8270S	BENZO(K)FLUORANTHENE	0.24	U	0.24	U	0.19	J	0.24	U	0.24	U	1.2		0.16	J	0.87		0.36	U	0.62		0.41	U
8270S	BENZYL ALCOHOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	BUTAZOLIDIN		R		R		R		R	1.8	U		R	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	BUTYLBENZYLPHTHALATE	0.34	U	0.05	J	0.34	U	0.34	U	0.35	U	0.049	J	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	CHRYSENE	0.07	J	0.039	J	0.36		0.34	U	0.35	U	2.4		0.1	J	0.61		0.36	U	0.4	J	0.17	J
8270S	DCDD	0	U	0	U	0	U	0	U	0	U	0	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	DCDF	0	U	0	U	0	U	0	U	0	U	0	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	DI-N-BUTYLPHTHALATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DI-N-OCTYLPHTHALATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DIALLATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DIBENZ(A,H)ANTHRACENE	0.21	U	0.21	U	0.061	J	0.21	U	0.21	U	0.35		0.41	U	0.059	J	0.36	U	0.093	J	0.41	U
8270S	DIBENZOFURAN	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.16	J	0.41	U	0.03	J	0.36	U	0.42	U	0.41	U
8270S	DIETHYLPHTHALATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DIMETHYLPHENETHYLAMINE	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DIMETHYLPHTHALATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	DINOSEB	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U		R	NA		NA		NA		NA		NA	
8270S	DIPHENYLAMINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	ETHYL METHANESULFONATE	0.031	U	0.031	U	0.031	U	0.031	U	0.032	U	0.035	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	FLUORANTHENE	0.17	J	0.1	J	0.64		0.34	U	0.35	U	4.8		0.14	J	1		0.15	J	0.71		0.25	J
8270S	FLUORENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.27	J	0.41	U	0.057	J	0.36	U	0.42	U	0.41	U
8270S	HEXACHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	HEXACHLOROBUTADIENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	HEXACHLOROETHANE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		81	U	78	U	73	U	83	U	83	U
8270S	HEXACHLOROPROPENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	INDENO(1,2,3-CD)PYRENE	0.043	J	0.21	U	0.2	J	0.21	U	0.21	U	1.3		0.06	J	0.34	J	0.36	U	0.26	J	0.41	U
8270S	IRGASAN DP-300	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	ISOPHORONE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	ISOSAFROLE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	METHAPYRILENE	3.4	U	3.4	U	3.4	U	3.4	U	3.5	U	3.9	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	METHYL METHANESULFONATE	0.031	U	0.031	U	0.031	U	0.031	U	0.032	U	0.035	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.31	U	0.31	U	0.31	U	0.31	U	0.32	U	0.35	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.24	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSODIETHYLAMINE	0.014	U	0.013	U	0.014	U	0.014	U	0.014	U	0.016	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSODIMETHYLAMINE	0.051	U	0.051	U	0.051	U	0.051	U	0.052	U	0.058	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSOMETHYLETHYLAMINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSOPIPERIDINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	N-NITROSOPYRROLIDINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	NAPHTHALENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.053	J	0.41	U	0.027	J	0.36	U	0.024	J	0.41	U
8270S	NITROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	O-TOLUIDINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.031	U	0.031	U	0.031	U	0.031	U	0.032	U	0.035	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	P-PHENYLENEDIAMINE	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	PENTACHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PENTACHLORONITROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PENTACHLOROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	PHENACETIN	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PHENANTHRENE	0.09	J	0.044	J	0.21	J	0.34	U	0.35	U	2.6		0.075	J	0.74		0.11	J	0.37	J	0.13	J
8270S	PHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PRONAMIDE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	PROPAZINE	0.69	U	0.68	U	0.69	U	0.69	U	0.69	U	0.78	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	PYRENE	0.12	J	0.064	J	0.6		0.34	U	0.35	U	4.3		0.15	J	1		0.21	J	0.75		0.27	J
8270S	PYRIDINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	SAFROLE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	TINUVIN 327	NA		NA		NA		NA		NA		NA		2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	TINUVIN 328	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	TOFRANIL	3.4	U	3.4	U	3.4	U	3.4	U	3.5	U	3.9	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	TRCDD	0	U	0	U	0	U	0	U	0	U	0	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	TRCDF	0	U	0	U	0	U	0	U	0	U	0	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
SOWZS	1,2,3,4,6,7,8-HPCDD	0.000069	U	0.000056	U	0.000049	U	0.00023	U	0.000066	F	0.00011	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	0.000073	U	0.000083	U	0.000061	U	0.00018	U	0.000053	U	0.000095	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	0.000099	U	0.00011	U	0.000081	U	0.00024	U	0.00007	U	0.00013	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	0.00015	U	0.00016	U	0.000098	U	0.00027	U	0.000089	U	0.00017	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	0.00007	U	0.000072	U	0.000053	U	0.00018	U	0.000052	U	0.000088	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	0.00016	U	0.00017	U	0.0001	U	0.00026	U	0.000094	U	0.00018	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	0.000065	U	0.000066	U	0.00005	U	0.00016	U	0.000049	U	0.000082	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	0.00014	U	0.00015	U	0.000091	U	0.00026	U	0.000083	U	0.00016	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	0.000085	U	0.000086	U	0.000064	U	0.00021	U	0.000062	U	0.00011	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	0.00013	U	0.00013	U	0.000061	U	0.00021	U	0.000055	U	0.00014	U	NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	0.000073	U	0.00008	U	0.000033	U	0.00018	U	0.000029	U	0.00011	U	NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	0.000074	U	0.000076	U	0.000057	U	0.00019	U	0.000055	U	0.000095	U	NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	0.000077	U	0.000085	U	0.000036	U	0.00019	U	0.000031	U	0.00011	U	NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	0.000063	U	0.000065	U	0.000028	U	0.00015	U	0.000028	U	0.000084	U	0.000088	U	0.000086	U	0.00007	U	0.00014	U	0.00012	U
SOWZS	2,3,7,8-TCDF	0.000022	U	0.000032	U	0.00002	U	0.00015	U	0.00002	U	0.000052	U	NA		NA		NA		NA		NA	
SOWZS	HPCDD	0.000069	U	0.000056	U	0.000049	U	0.00023	U	0.00017	F	0.00011	U	NA		NA		NA		NA		NA	
SOWZS	HPCDF	0.000073	U	0.000083	U	0.000061	U	0.00018	U	0.000053	U	0.000095	U	NA		NA		NA		NA		NA	
SOWZS	HXCDD	0.00014	U	0.00016	U	0.000091	U	0.00026	U	0.000083	U	0.00016	U	0.00016	U	0.00014	U	0.00013	U	0.00025	U	0.0002	U
SOWZS	HXCDF	0.000065	U	0.000066	U	0.00005	U	0.00016	U	0.000049	U	0.000082	U	0.00009	U	0.000086	U	0.000075	U	0.00015	U	0.00012	U
SOWZS	OCDD	0.00061	J	0.00037	U	0.00033	U	0.00052	U	0.0012	J	0.00064	U	NA		NA		NA		NA		NA	
SOWZS	OCDF	0.0001	U	0.00012	U	0.00011	U	0.00033	U	0.00011	U	0.00016	U	NA		NA		NA		NA		NA	
SOWZS	PECDD	0.00013	U	0.00013	U	0.000061	U	0.00021	U	0.000055	U	0.00014	U	0.000083	U	0.000078	U	0.000066	U	0.00014	U	0.00011	U
SOWZS	PECDF	0.000073	U	0.00008	U	0.000033	U	0.00018	U	0.000029	U	0.00011	U	0.000055	U	0.000049	U	0.000044	U	0.000088	U	0.00007	U
SOWZS	TCDD	0.000063	U	0.000065	U	0.000028	U	0.00015	U	0.000028	U	0.000084	U	0.000088	U	0.000086	U	0.00007	U	0.00014	U	0.00012	U
SOWZS	TCDF	0.000022	U	0.000032	U	0.00002	U	0.00015	U	0.00002	U	0.000052	U	0.000062	U	0.000056	U	0.000048	U	0.00009	U	0.00009	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	OF/PVJHS		OF/RCR		OF/RRW		OF/RWP		OF/SBP		OF/SNH		OS/AJHS		OS/BRF		OS/BS		OS/CGH		OS/CRS	
	SAMPLE NUMBER	SF-OF-PVJHS*II-1		SF-OF-RCR*II-1		SF-OF-RRW*II-1		SF-OF-RWP*II-1		SF-OF-SBP*II-1		SF-OF-SNH*II-1		SF-OS-AJHS*IB-2		SF-OS-BRF*IB-2		SF-OS-BS*IB-2		SF-OS-CGH*IB-2		SF-OS-CRS*IB-2	
	COLLECT DATE	7/28/93		7/28/93		7/27/93		7/27/93		7/27/93		8/4/93		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0034	U	0.043		0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.0015		0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	4,4'-DDE	0.0034	U	0.1		0.0034	U	0.0034	U	0.0035	U	0.024	J	0.013		0.0083		0.00036	U	0.00041	U	0.0075	
8080S	4,4'-DDT	0.0086		0.31		0.0034	U	0.0034	U	0.0035	U	0.046		0.014		0.0056		0.00073	U	0.00082	U	0.012	
8080S	ALDRIN	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	ALPHA-BHC	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	ALPHA-CHLORDANE	0.0018	U	0.0056	J	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	BETA-BHC	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	CHLOROBENZILATE	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.034	J	NA		NA		NA		NA		NA	
8080S	DELTA-BHC	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	DIELDRIN	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.0004	U	0.0026		0.00069		0.00041	U	0.00041	U
8080S	ENDOSULFAN I	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	ENDOSULFAN II	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.0012	U	0.0012	U	0.0011	U	0.0012	U	0.0012	U
8080S	ENDOSULFAN SULFATE	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.002	U	0.002	U	0.0018	U	0.002	U	0.0021	U
8080S	ENDRIN	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.00022	J	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	ENDRIN ALDEHYDE	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.00081	U	0.00097		0.00073	U	0.00082	U	0.00096	
8080S	GAMMA-BHC	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00055		0.00041	U	0.00041	U
8080S	GAMMA-CHLORDANE	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	HEPTACHLOR	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	HEPTACHLOR EPOXIDE	0.0018	U	0.01	J	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	ISODRIN	0.0034	U	0.0034	U	0.0034	U	0.0034	U	0.0035	U	0.0034	U	0.0004	U	0.00039	U	0.00036	U	0.00041	U	0.00041	U
8080S	KEPONE	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.0004	U	0.00039	U	0.00036	U	0.06		0.00041	U
8080S	METHOXYCHLOR	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.002	U	0.002	U	0.0018	U	0.002	U	0.0021	U
8080S	PCB-1016	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.004	U	0.0039	U	0.0036	U	0.0041	U	0.0041	U
8080S	PCB-1221	0.07	U	0.069	U	0.07	U	0.07	U	0.07	U	0.07	U	0.0081	U	0.0079	U	0.0073	U	0.0082	U	0.0083	U
8080S	PCB-1232	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.0081	U	0.0079	U	0.0073	U	0.0082	U	0.0083	U
8080S	PCB-1242	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.004	U	0.0039	U	0.0036	U	0.0041	U	0.0041	U
8080S	PCB-1248	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.004	U	0.0039	U	0.0036	U	0.0041	U	0.0041	U
8080S	PCB-1254	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.0081	U	0.0079	U	0.0073	U	0.16		0.0083	U
8080S	PCB-1260	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.034	U	0.0081	U	0.0079	U	0.0073	U	0.0082	U	0.0083	U
8080S	TOXAPHENE	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.02	U	0.02	U	0.018	U	0.02	U	0.021	U
814ZS	DIMETHOATE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.04	U	0.039	U	0.036	U	0.042	U	0.042	U
814ZS	DISULFOTON	0.14	U	0.18	U	0.14	U	0.14	U	0.14	U	0.16	U	0.04	U	0.039	U	0.036	U	0.042	U	0.042	U
814ZS	ETHYL PARATHION	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.039	U	0.03	U	0.03	U	0.027	U	0.031	U	0.031	U
814ZS	FAMPHUR	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.1	U	0.098	U	0.09	U	0.1	U	0.1	U
814ZS	METHYL PARATHION	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.02	U	0.0061	U	0.0059	U	0.0054	U	0.0063	U	0.0062	U
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		0.2	U	0.2	U	0.18	U	0.21	U	0.21	U
814ZS	PHORATE	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.039	U	0.03	U	0.03	U	0.027	U	0.031	U	0.031	U
814ZS	SULFOTEPP	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.02	U	0.02	U	0.02	U	0.018	U	0.021	U	0.021	U
814ZS	THIONAZIN	0.034	U	0.034	U	0.034	U	0.034	U	0.035	U	0.039	U	0.2	U	0.2	U	0.18	U	0.21	U	0.21	U
815ZS	2,4,5-T	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.02	U	0.0081	U	0.0078	U	0.0072	U	0.0084	U	0.0083	U
815ZS	2,4,5-TP (SILVEX)	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.02	U	0.0069	U	0.0067	U	0.0061	U	0.0071	U	0.0071	U
815ZS	2,4-D	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.02	U	0.049	U	0.047	U	0.043	U	0.05	U	0.05	U
815ZS	DINOSEB	NA		NA		NA		NA		NA		NA		0.0061	U	0.0059	U	0.0054	U	0.0063	U	0.0062	U
8240S	1,1,1,2-TETRACHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,1,1-TRICHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,1,2-TRICHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,1-DICHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,1-DICHLOROETHENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,2,3-TRICHLOROPROPANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.49	U	0.47	U	0.44	U	0.5	U	0.5	U
8240S	1,2-DIBROMOETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DICHLOROETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	1,2-DICHLOROPROPANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	2-BUTANONE	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.029	U	0.24	U	0.19	J	0.25	J	0.21	J	0.25	U
8240S	2-CHLORO-1,3-BUTADIENE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.61	U	0.59	U	0.55	U	0.62	U	0.62	U
8240S	2-HEXANONE	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.029	U	0.24	U	0.24	U	0.22	U	0.25	U	0.26	U
8240S	3-CHLOROPROPENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	4-METHYL-2-PENTANONE	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.029	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	ACETONE	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.029	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	ACETONITRILE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.23	U	0.49	U	0.47	U	0.44	U	0.5	U	0.5	U
8240S	ACROLEIN	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.23	U	R		R		R		R		R	
8240S	ACRYLONITRILE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12	U	1.2	U	1.2	U	1.1	U	1.2	U	1.2	U
8240S	BENZENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	BROMODICHLOROMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	BROMOFORM	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	BROMOMETHANE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	CARBON DISULFIDE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	CARBON TETRACHLORIDE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	CHLOROBENZENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	CHLOROETHANE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	CHLOROFORM	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	CHLOROMETHANE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	CIS-1,3-DICHLOROPROPENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	DIBROMOCHLOROMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	DIBROMOMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	DICHLORODIFLUOROMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.49	U	0.47	U	0.44	U	0.5	U	0.5	U
8240S	ETHYL METHACRYLATE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	ETHYLBENZENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	IODOMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	ISOBUTANOL	R		R		R		R		R		R		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE	0.0052	U	0.0082		0.0052	U	0.0052	U	0.0078		0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	METHACRYLONITRILE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12	U	NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE	0.0052	U	0.0052		0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	METHYLENE CHLORIDE	0.0052	U	0.0083		0.0059	J	0.009		0.011		0.0059	U	2.7	U	1.1	U	0.67	U	1	U	0.12	U
8240S	O-XYLENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	PENTACHLOROETHANE	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.029	U	NA		NA		NA		NA		NA	
8240S	PROPANENITRILE	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.23	U	2.4	U	2.4	U	2.2	U	2.5	U	2.5	U
8240S	STYRENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	TETRACHLOROETHENE	0.0052	U	0.0052	U	0.0052	U	0.0058		0.0065		0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	TOLUENE	0.0052	U	0.0052	U	0.0052	U	0.0059		0.0078		0.0059	U	0.49	J	0.14	J	0.04	J	0.14	J	0.023	J
8240S	TRANS-1,2-DICHLOROETHENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	TRICHLOROETHENE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	TRICHLOROFLUOROMETHANE	0.0052	U	0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0059	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
8240S	VINYL ACETATE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
8240S	VINYL CHLORIDE	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012	U	0.24	U	0.24	U	0.22	U	0.25	U	0.25	U
824DS	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		12	U	12	U	11	U	7	J	12	U
824DS	ISOBUTANOL	NA		NA		NA		NA		NA		NA		12	U	12	U	11	U	12	U	12	U
824DS	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		12	U	12	U	11	U	12	U	12	U
8270S	1,2,4,5-TETRACHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,2,4-TRICHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,2-DICHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,3,5-TRINITROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,3-DINITROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,4-DICHLOROBENZENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1,4-DIOXANE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	1-NAPHTHYLAMINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,3,4,6-TETRACHLOROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	0.81	U	0.78	U	0.73	U	0.83	U	0.83	U
8270S	2,4,5-TRICHLOROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,4,6-TRICHLOROPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,4-DICHLOROPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,4-DIMETHYLPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,4-DINITROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	R		R		2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	2,4-DINITROTOLUENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,6-DICHLOROPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2,6-DINITROTOLUENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-ACETYLAMINOFLUORENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	2-CHLORONAPHTHALENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-CHLOROPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-METHYLNAPHTHALENE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.043	J	0.41	U	0.019	J	0.36	U	0.42	U	0.41	U
8270S	2-METHYLPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-NAPHTHYLAMINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-NITROANILINE	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	2	U	2	U	1.9	U	1.8	U	2.1	U	2.1	U
8270S	2-NITROPHENOL	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U
8270S	2-PICOLINE	0.34	U	0.34	U	0.34	U	0.34	U	0.35	U	0.39	U	0.41	U	0.39	U	0.36	U	0.42	U	0.41	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACK[illegible]ND
SHALLOW SOIL
ORGANIC DATA

M7/27/95

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	OS/EHS		OS/FF		OS/HMEH		OS/NAS		OS/PAEH		OS/PVJHS		OS/RWP		OS/SNH		OS/SP	
	SAMPLE NUMBER	SF-OS-EHS*IB-2		SF-OS-FF*IB-2		SF-OS-HMEH*IB-2		SF-OS-NAS*IB-2		SF-OS-PAEH*IB-2		SF-OS-PVJHS*IB-2		SF-OS-RWP*IB-2		SF-OS-SNH*IB-2		SF-OS-SP*IB-2	
	COLLECT DATE	3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080	4,4'-DDD	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	4,4'-DDE	0.042		0.21		0.6		0.00039	U	0.0016		0.00037	U	0.0013		0.15		0.00035	U
8080	4,4'-DDT	0.017		0.094	J	0.93		0.00078	U	0.00072	U	0.008		0.00066	J	0.27		0.0007	U
8080	ALDRIN	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.0017		0.00037	U	0.00078		0.0038	U	0.00035	U
8080	ALPHA-BHC	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	ALPHA-CHLORDANE	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00051		0.00037	U	0.00032	J	0.0038	U	0.00035	U
8080	BETA-BHC	0.0004	U	0.0004	U	0.019	U	0.061		0.00036	U	0.016		0.00037	U	0.0038	U	0.00035	U
8080	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080	DELTA-BHC	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00092		0.00037	U	0.0038	U	0.00035	U
8080	DIELDRIN	0.0015		0.0004	U	0.019	U	0.00039	U	0.00079		0.00037	U	0.00037	U	0.034		0.00035	U
8080	ENDOSULFAN I	0.0004	U	0.0028	J	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	ENDOSULFAN II	0.0012	U	0.0012	U	0.058	U	0.0012	U	0.0011	U	0.0011	U	0.0011	U	0.011	U	0.001	U
8080	ENDOSULFAN SULFATE	0.002	U	0.002	U	0.097	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.019	U	0.0017	U
8080	ENDRIN	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	ENDRIN ALDEHYDE	0.00081	U	0.0039	J	0.039	U	0.00078	U	0.00072	U	0.00075	U	0.00058	J	0.0084		0.0007	U
8080	GAMMA-BHC	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	GAMMA-CHLORDANE	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00057		0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	HEPTACHLOR	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00055		0.00037	U	0.0038	U	0.00035	U
8080	HEPTACHLOR EPOXIDE	0.0004	U	0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	ISODRIN	0.00086		0.0004	U	0.019	U	0.00039	U	0.00036	U	0.00037	U	0.00037	U	0.0038	U	0.00035	U
8080	KEPONE	0.0004	U	0.0004	U	0.019	U	0.079		0.00036	U	0.00037	U	0.0063		0.07		0.00035	U
8080	METHOXYCHLOR	0.002	U	0.002	U	0.097	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.019	U	0.0017	U
8080	PCB-1016	0.004	U	0.004	U	0.19	U	0.0039	U	0.0036	U	0.0037	U	0.0037	U	0.038	U	0.0035	U
8080	PCB-1221	0.0081	U	0.008	U	0.39	U	0.0078	U	0.0072	U	0.0075	U	0.0075	U	0.075	U	0.007	U
8080	PCB-1232	0.0081	U	0.008	U	0.39	U	0.0078	U	0.0072	U	0.0075	U	0.0075	U	0.075	U	0.007	U
8080	PCB-1242	0.004	U	0.004	U	0.19	U	0.0039	U	0.0036	U	0.0037	U	0.0037	U	0.038	U	0.0035	U
8080	PCB-1248	0.004	U	0.004	U	0.19	U	0.0039	U	0.0036	U	0.0037	U	0.0037	U	0.038	U	0.0035	U
8080	PCB-1254	0.0081	U	0.008	U	0.39	U	0.0078	U	0.0072	U	0.0075	U	0.0075	U	0.075	U	0.007	U
8080	PCB-1260	0.0081	U	0.008	U	0.39	U	0.0078	U	0.0072	U	0.0075	U	0.0075	U	0.075	U	0.007	U
8080	TOXAPHENE	0.02	U	0.02	U	0.97	U	0.019	U	0.018	U	0.019	U	0.019	U	0.19	U	0.017	U
8141	DIMETHOATE	0.04	U	0.04	U	0.039	U	0.039	U	0.036	U	0.037	U	0.037	U	0.038	U	0.035	U
8141	DISULFOTON	0.04	U	0.04	U	0.039	U	0.039	U	0.036	U	0.037	U	0.037	U	0.038	U	0.035	U
8141	ETHYL PARATHION	0.03	U	0.03	U	0.029	U	0.029	U	0.027	U	0.028	U	0.028	U	0.028	U	0.027	U
8141	FAMPHUR	0.1	U	0.1	U	0.097	U	0.097	U	0.091	U	0.094	U	0.093	U	0.094	U	0.089	U
8141	METHYL PARATHION	0.0061	U	0.006	U	0.0058	U	0.0058	U	0.0055	U	0.0056	U	0.0056	U	0.0057	U	0.0053	U
8141	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.2	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.18	U
8141	PHORATE	0.03	U	0.03	U	0.029	U	0.029	U	0.027	U	0.028	U	0.028	U	0.028	U	0.027	U
8141	SULPOTEPP	0.02	U	0.02	U	0.019	U	0.019	U	0.018	U	0.019	U	0.019	U	0.019	U	0.018	U
8141	THIONAZIN	0.2	U	0.2	U	0.19	U	0.19	U	0.18	U	0.19	U	0.19	U	0.19	U	0.18	U
8151	2,4,5-T	0.008	U	0.0078	U	0.0078	U	0.0078	U	0.0072	U	0.0075	U	0.0022	J	0.0023	J	0.0071	U
8151	2,4,5-TP (SILVEX)	0.0068	U	0.0067	U	0.0066	U	0.0066	U	0.0061	U	0.0064	U	0.0063	U	0.0018	J	0.006	U
8151	2,4-D	0.048	U	0.047	U	0.047	U	0.047	U	0.0037	J	0.045	U	0.045	U	0.045	U	0.043	U
8151	DINOSEB	0.006	U	0.0059	U	0.0058	U	0.0058	U	0.0054	U	0.0056	U	0.0056	U	0.0057	U	0.0053	U
8240	1,1,1,2-TETRACHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,1,1-TRICHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,1,2,2-TETRACHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,1,2-TRICHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,1-DICHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,1-DICHLOROETHENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,2,3-TRICHLOROPROPANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,2-DIBROMO-3-CHLOROPROPANE	0.49	U	0.48	U	0.47	U	0.47	U	0.44	U	0.45	U	0.45	U	0.45	U	0.43	U
8240	1,2-DIBROMOETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,2-DICHLOROETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	1,2-DICHLOROPROPANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	2-BUTANONE	0.24	J	0.13	J	0.2	J	0.1	J	0.22	U	0.14	J	0.14	J	0.24	J	0.13	J
8240	2-CHLORO-1,3-BUTADIENE	0.61	U	0.6	U	0.58	U	0.58	U	0.55	U	0.56	U	0.56	U	0.57	U	0.53	U
8240	2-HEXANONE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	3-CHLOROPROPENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	4-METHYL-2-PENTANONE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	ACETONE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	ACETONITRILE	0.49	U	0.48	U	0.47	U	0.47	U	0.44	U	0.45	U	0.45	U	0.45	U	0.43	U
8240	ACROLEIN	R		R		R		R		R		R		R		R		R	
8240	ACRYLONITRILE	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
8240	BENZENE	0.12	U	0.12	U	0.024	J	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	BROMODICHLOROMETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	BROMOFORM	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	BROMOMETHANE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	CARBON DISULFIDE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	CARBON TETRACHLORIDE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	CHLOROBENZENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	CHLOROETHANE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	CHLOROFORM	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	CHLOROMETHANE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	CIS-1,3-DICHLOROPROPENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	DIBROMOCHLOROMETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	DIBROMOMETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	DICHLORODIFLUOROMETHANE	0.49	U	0.48	U	0.47	U	0.47	U	0.44	U	0.45	U	0.45	U	0.45	U	0.43	U
8240	ETHYL METHACRYLATE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	ETHYLBENZENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	IODOMETHANE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	M&P-XYLENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	METHYL METHACRYLATE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	METHYLENE CHLORIDE	1.7	U	0.23	U	3.1	U	0.63	U	0.23	U	0.8	U	0.16	U	0.4	U	0.45	U
8240	O-XYLENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	PROPANENITRILE	2.4	U	2.4	U	2.3	U	2.3	U	2.2	U	2.2	U	2.2	U	2.3	U	2.1	U
8240	STYRENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	TETRACHLOROETHENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	TOLUENE	0.23	J	0.048	J	0.45	J	0.11	J	0.029	J	0.12	J	0.034	J	0.048	J	0.052	J
8240	TRANS-1,2-DICHLOROETHENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	TRANS-1,3-DICHLOROPROPENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	TRANS-1,4-DICHLORO-2-BUTENE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	TRICHLOROETHENE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	TRICHLOROFLUOROMETHANE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
8240	VINYL ACETATE	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240	VINYL CHLORIDE	0.24	U	0.24	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.23	U	0.21	U
824D	1,4-DIOXANE	12	U	12	U	12	U	12	U	11	U	11	U	11	U	11	U	11	U
824D	ISOBUTANOL	12	U	12	U	12	U	12	U	11	U	11	U	11	U	11	U	11	U
824D	METHACRYLONITRILE	12	U	12	U	12	U	12	U	11	U	11	U	11	U	11	U	11	U
8270	1,2,4,5-TETRACHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,2,4-TRICHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,2-DICHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270	1,3-DICHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,3-DINITROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,4-DICHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270	1,4-NAPHTHOQUINONE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	1-NAPHTHYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,2'-OXYBIS(1-CHLOROPROPANE)	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,3,4,6-TETRACHLOROPHENOL	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270	2,4,5-TRICHLOROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,4,6-TRICHLOROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,4-DICHLOROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,4-DIMETHYLPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,4-DINITROPHENOL	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270	2,4-DINITROTOLUENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,6-DICHLOROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2,6-DINITROTOLUENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-ACETYLAMINOFLUORENE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270	2-CHLORONAPHTHALENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-CHLOROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-METHYLNAPHTHALENE	0.4	U	0.4	U	0.021	J	0.094	J	0.36	U	0.061	J	0.37	U	3.7	U	0.35	U
8270	2-METHYLPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-NAPHTHYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-NITROANILINE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270	2-NITROPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270	2-PICOLINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	OS/EHS		OS/FF		OS/HMEH		OS/NAS		OS/PAEH		OS/PVJHS		OS/RWP		OS/SNH		OS/SP	
	SAMPLE NUMBER	SF-OS-EHS*IB-2		SF-OS-FF*IB-2		SF-OS-HMEH*IB-2		SF-OS-NAS*IB-2		SF-OS-PAEH*IB-2		SF-OS-PVJHS*IB-2		SF-OS-RWP*IB-2		SF-OS-SNH*IB-2		SF-OS-SP*IB-2	
	COLLECT DATE	3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270S	3,3'-DIMETHYLBENZIDINE	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270S	3-METHYLCHOLANTHRENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	3-METHYLPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	3-NITROANILINE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	4,6-DINITRO-2-METHYLPHENOL	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	4-AMINOBIPHENYL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-BROMOPHENYL-PHENYLETHER	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-CHLORO-3-METHYLPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-CHLOROANILINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-METHYLPHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	4-NITROANILINE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	4-NITROPHENOL	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	ACENAPHTHENE	0.4	U	0.4	U	0.38	U	0.26	J	0.36	U	0.21	J	0.37	U	3.7	U	0.35	U
8270S	ACENAPHTHYLENE	0.4	U	0.4	U	0.04	J	0.025	J	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	ACETOPHENONE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	ANILINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	ANTHRACENE	0.4	U	0.4	U	0.036	J	0.62		0.36	U	0.38		0.37	U	0.32	J	0.35	U
8270S	ARAMITE	4	U	4	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U	37	U	3.5	U
8270S	BENZO(A)ANTHRACENE	0.072	J	0.25	J	0.48		1.4		0.032	J	0.89		0.37	U	1.8	J	0.35	U
8270S	BENZO(A)PYRENE	0.06	J	0.27	J	0.56		1.4		0.035	J	0.73		0.37	U	2	J	0.35	U
8270S	BENZO(B)FLUORANTHENE	0.086	J	0.43		1		2.1		0.058	J	0.6		0.37	U	3.2	J	0.35	U
8270S	BENZO(G,H,I)PERYLENE	0.051	J	0.4	U	0.58		1		0.035	J	0.58		0.37	U	1.8	J	0.35	U
8270S	BENZO(K)FLUORANTHENE	0.11	J	0.62		1.3		2.7		0.074	J	0.77		0.37	U	4.1		0.35	U
8270S	BENZYL ALCOHOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.13	U	0.37	U	1.4	U	3.7	U	1.1	J
8270S	BUTAZOLIDIN	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	BUTYLBENZYLPHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	CHLOROBENZILATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	CHRYSENE	0.081	J	0.38	J	0.72		1.6		0.043	J	0.91		0.37	U	2.1	J	0.35	U
8270S	DCDD	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270S	DCDF	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270S	DI-N-BUTYLPHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DI-N-OCTYLPHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DIALLATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DIBENZ(A,H)ANTHRACENE	0.4	U	0.4	U	0.18	J	0.24	J	0.36	U	0.2	J	0.37	U	3.7	U	0.35	U
8270S	DIBENZOFURAN	0.4	U	0.4	U	0.014	J	0.26	J	0.36	U	0.14	J	0.37	U	3.7	U	0.35	U
8270S	DIETHYLPHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DIMETHYLPHENETHYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DIMETHYLPHTHALATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DIPHENYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	ETHYL METHANESULFONATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.36	U
8270S	FLUORANTHENE	0.12	J	0.47		0.79		2.9		0.056	J	1.7		0.021	J	3.8		0.35	U
8270S	FLUORENE	0.4	U	0.4	U	0.38	U	0.24	J	0.36	U	0.17	J	0.37	U	3.7	U	0.35	U
8270S	HEXACHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	HEXACHLOROBUTADIENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.36	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	HEXACHLOROETHANE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	HEXACHLOROPHENE	81	U	79	U	77	U	77	U	73	U	74	U	75	U	750	U	70	U
8270S	HEXACHLOROPROPENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	INDENO(1,2,3-CD)PYRENE	0.051	J	0.4	U	0.54		0.99		0.034	J	0.5		0.37	U	1.8	J	0.35	U
8270S	IRGASAN DP-300	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	ISOPHORONE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	ISOSAFROLE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	METHAPYRILENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	METHYL METHANESULFONATE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSODIETHYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSODIMETHYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSODIPHENYLAMINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSOPIPERIDINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	N-NITROSOPYRROLIDINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	NAPHTHALENE	0.4	U	0.023	J	0.042	J	0.15	J	0.36	U	0.2	J	0.37	U	3.7	U	0.35	U
8270S	NITROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	O-TOLUIDINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	P-PHENYLENEDIAMINE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	PENTACHLOROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PENTACHLOROETHANE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PENTACHLORONITROBENZENE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PENTACHLOROPHENOL	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	PHENACETIN	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PHENANTHRENE	0.06	J	0.26	J	0.35	J	2.9		0.029	J	1.6		0.013	J	2.1	J	0.35	U
8270S	PHENOL	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PRONAMIDE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	PROPAZINE	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	PYRENE	0.13	J	0.55		0.87		3.1		0.057	J	1.6		0.023	J	3.5	J	0.35	U
8270S	PYRIDINE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	SAFROLE	0.4	U	0.4	U	0.38	U	0.38	U	0.36	U	0.37	U	0.37	U	3.7	U	0.35	U
8270S	TINUVIN 327	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA				NA	
8270S	TOFRANIL	2	U	2	U	1.9	U	1.9	U	1.8	U	1.8	U	1.9	U	19	U	1.8	U
8270S	TRCDD	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
8270S	TRCDF	0.81	U	0.79	U	0.77	U	0.77	U	0.73	U	0.74	U	0.75	U	7.5	U	0.7	U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	0.00011	U	0.000084	U	NA	U	0.000087	U	0.00011	U	0.000085	U	0.00011	U	0.000091	U	0.00014	U
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HXCDD	0.0002	U	0.00016	U	0.00017	U	0.00016	U	0.00018	U	0.00017	U	0.0002	U	0.00017	U	0.00014	U
SOWZS	HXCDF	0.00012	U	0.000095	U	0.00011	U	0.000095	U	0.00011	U	0.000098	U	0.00011	U	0.0001	U	0.000086	U
SOWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	PECDD	0.00011	U	0.00009	U	0.000098	U	0.000084	U	0.0001	U	0.000085	U	0.00009	U	0.000093	U	0.000086	U
SOWZS	PECDF	0.000072	U	0.000057	U	0.00006	U	0.000055	U	0.000067	U	0.000056	U	0.000067	U	0.000059	U	0.000063	U
SOWZS	TCDD	0.00011	U	0.000084	U	0.000092	U	0.000087	U	0.00011	U	0.000085	U	0.00011	U	0.000091	U	0.00014	U
SOWZS	TCDF	0.000083	U	0.000061	U	0.000066	U	0.000056	U	0.000076	U	0.000058	U	0.000074	U	0.000065	U	0.00012	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Regected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
DEEP SOIL
ORGANIC DATA

	SITE	12 to 14		2 to 4		4 to 6		8 to 10	
	LOCATOR	BG/BGB7		BG/BGD2		BG/BGC3		BG/BGA5	
	SAMPLE NUMBER	B-BGB7*II-1		B-BGD2*II-1		B-BGC3*II-1		B-BGA5*II-1	
	COLLECT DATE	7/28/93		7/21/93		7/21/93		7/27/93	
		Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	4,4'-DDE	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	4,4'-DDT	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	ALDRIN	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	ALPHA-BHC	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	ALPHA-CHLORDANE	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	BETA-BHC	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	CHLOROBENZILATE	0.02	U	0.018	U	0.021	U	0.018	U
8080S	DELTA-BHC	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	DIELDRIN	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	ENDOSULFAN I	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	ENDOSULFAN II	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	ENDOSULFAN SULFATE	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	ENDRIN	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	ENDRIN ALDEHYDE	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	GAMMA-BHC	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	GAMMA-CHLORDANE	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	HEPTACHLOR	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	HEPTACHLOR EPOXIDE	0.002	U	0.0018	U	0.0021	U	0.0018	U
8080S	ISODRIN	0.004	U	0.0035	U	0.0041	U	0.0035	U
8080S	KEPONE	0.02	U	0.018	U	0.021	U	0.018	U
8080S	METHOXYCHLOR	0.02	U	0.034	J	0.83		0.018	U
8080S	PCB-1016	0.04	U	0.035	U	0.041	U	0.035	U
8080S	PCB-1221	0.081	U	0.07	U	0.083	U	0.071	U
8080S	PCB-1232	0.04	U	0.035	U	0.041	U	0.035	U
8080S	PCB-1242	0.04	U	0.035	U	0.041	U	0.035	U
8080S	PCB-1248	0.04	U	0.035	U	0.041	U	0.035	U
8080S	PCB-1254	0.04	U	0.035	U	0.041	U	0.035	U
8080S	PCB-1260	0.04	U	0.035	U	0.041	U	0.035	U
8080S	TOXAPHENE	0.2	U	0.18	U	0.21	U	0.18	U
814ZS	DIMETHOATE	0.4	U	0.35	U	0.41	U	R	
814ZS	DISULFOTON	0.16	U	0.14	U	0.16	U	R	
814ZS	ETHYL PARATHION	0.04	U	0.035	U	0.041	U	R	
814ZS	FAMPHUR	0.4	U	0.35	U	0.41	U	R	
814ZS	METHYL PARATHION	0.02	U	0.018	U	0.021	U	R	
814ZS	PHORATE	0.04	U	0.035	U	0.041	U	R	
814ZS	SULFOTEPP	0.02	U	0.018	U	0.021	U	R	
814ZS	THIONAZIN	0.04	U	0.035	U	0.041	U	R	
815ZS	2,4,5-T	0.02	U	0.018	U	0.021	U	0.018	U
815ZS	2,4,5-TP (SILVEX)	0.02	U	0.018	U	0.021	U	0.018	U
815ZS	2,4-D	0.02	U	0.018	U	0.021	U	0.018	U
8240S	1,1,1,2-TETRACHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,1,1-TRICHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,1,2-TRICHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,1-DICHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,1-DICHLOROETHENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,2,3-TRICHLOROPROPANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	1,2-DIBROMOETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,2-DICHLOROETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	1,2-DICHLOROPROPANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	2-BUTANONE	0.03	U	0.026	U	0.031	U	0.027	U
8240S	2-CHLORO-1,3-BUTADIENE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	2-HEXANONE	0.03	U	0.026	U	0.031	U	0.027	U
8240S	3-CHLOROPROPENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	4-METHYL-2-PENTANONE	0.03	U	0.026	U	0.031	U	0.027	U
8240S	ACETONE	0.03	U	0.026	U	0.031	U	0.027	U
8240S	ACETONITRILE	0.24	U	0.21	U	0.25	U	0.21	U
8240S	ACROLEIN	0.24	U	0.21	U	0.25	U	0.21	U
8240S	ACRYLONITRILE	0.12	U	0.1	U	0.12	U	0.11	U
8240S	BENZENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	BROMODICHLOROMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	BROMOFORM	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	BROMOMETHANE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	CARBON DISULFIDE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	CARBON TETRACHLORIDE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	CHLOROBENZENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	CHLOROETHANE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	CHLOROFORM	0.006	U	0.0053	U	0.0062	U	0.0069	
8240S	CHLOROMETHANE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	CIS-1,3-DICHLOROPROPENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	DIBROMOCHLOROMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	DIBROMOMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	DICHLORODIFLUOROMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	ETHYL METHACRYLATE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	ETHYLBENZENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	IODOMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	ISOBUTANOL	R		R		R		R	
8240S	M&P-XYLENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	METHACRYLONITRILE	0.12	U	0.1	U	0.12	U	0.11	U
8240S	METHYL METHACRYLATE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	METHYLENE CHLORIDE	0.014		0.0053	U	0.011		0.0053	U
8240S	O-XYLENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	PENTACHLOROETHANE	0.03	U	0.026	U	0.031	U	0.027	U
8240S	PROPANENITRILE	0.24	U	0.21	U	0.25	U	0.21	U
8240S	STYRENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TETRACHLOROETHENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TOLUENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TRANS-1,2-DICHLOROETHENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TRICHLOROETHENE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	TRICHLOROFLUOROMETHANE	0.006	U	0.0053	U	0.0062	U	0.0053	U
8240S	VINYL ACETATE	0.012	U	0.01	U	0.012	U	0.011	U
8240S	VINYL CHLORIDE	0.012	U	0.01	U	0.012	U	0.011	U
8270S	1,1-BIPHENYL	NA		0.35	U	0.41	U	NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,2,4-TRICHLOROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,2-DICHLOROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,3,5-TRINITROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,3-DICHLOROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,3-DINITROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,4-DICHLOROBENZENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,4-DIOXANE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1,4-NAPHTHOQUINONE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	1-NAPHTHYLAMINE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,3,4,6-TETRACHLOROPHENOL	2	U	1.8	U	2.1	U	1.8	U
8270S	2,4,5-TRICHLOROPHENOL	2	U	1.8	U	2.1	U	1.8	U
8270S	2,4,6-TRICHLOROPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,4-DICHLOROPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,4-DIMETHYLPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,4-DINITROPHENOL	2	U	R		R		R	
8270S	2,4-DINITROTOLUENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,6-DICHLOROPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2,6-DINITROTOLUENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-ACETYLAMINOFLUORENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-CHLORONAPHTHALENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-CHLOROPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-METHYLNAPHTHALENE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-METHYLPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-NAPHTHYLAMINE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-NITROANILINE	2	U	1.8	U	2.1	U	1.8	U
8270S	2-NITROPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	2-PICOLINE	0.4	U	0.35	U	0.41	U	0.35	U
8270S	3&4-METHYLPHENOL	0.4	U	0.35	U	0.41	U	0.35	U
8270S	3,3'-DICHLOROBENZIDINE	0.8	U	0.69	U	0.81	U	0.7	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
DEEP SOIL
ORGANIC DATA

		SITE	12 to 14		2 to 4		4 to 6		8 to 10	
		LOCATOR	BG/BGB7		BG/BGD2		BG/BGC3		BG/BGA5	
		SAMPLE NUMBER	B-BGB7*II-1		B-BGD2*II-1		B-BGC3*II-1		B-BGA5*II-1	
		COLLECT DATE	7/28/93		7/21/93		7/21/93		7/27/93	
			Result	Q	Result	Q	Result	Q	Result	Q
8270S	3,3'-DIMETHYLBENZIDINE		0.24	U	0.21	U	0.25	U	0.21	U
8270S	3-METHYLCHOLANTHRENE		0.24	U	0.21	U	0.25	U	0.21	U
8270S	3-NITROANILINE		2	U	1.8	U	2.1	U	1.8	U
8270S	4,6-DINITRO-2-METHYLPHENOL		2	U	1.8	U	2.1	U	1.8	U
8270S	4-AMINOBIPHENYL		0.4	U	0.35	U	0.41	U	0.35	U
8270S	4-BROMOPHENYL-PHENYLETHER		0.4	U	0.35	U	0.41	U	0.35	U
8270S	4-CHLORO-3-METHYLPHENOL		0.4	U	0.35	U	0.41	U	0.35	U
8270S	4-CHLOROANILINE		0.8	U	0.69	U	0.81	U	0.7	U
8270S	4-CHLOROPHENYL-PHENYLETHER		0.4	U	0.35	U	0.41	U	0.35	U
8270S	4-NITROANILINE		2	U	1.8	U	2.1	U	1.8	U
8270S	4-NITROPHENOL		2	U	1.8	U	2.1	U	1.8	U
8270S	4-NITROQUINOLINE-N-OXIDE			R		R		R	3.5	U
8270S	5-NITRO-O-TOLUIDINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE		0.24	U	0.16	J	0.25	U	0.21	U
8270S	ACENAPHTHENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ACENAPHTHYLENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ACETOPHENONE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ANILINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ANTHRACENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ARAMITE			R		R		R		R
8270S	BENZO(A)ANTHRACENE		0.28	U	0.24	U	0.28	U	0.088	J
8270S	BENZO(A)PYRENE		0.28	U	0.24	U	0.28	U	0.086	J
8270S	BENZO(B)FLUORANTHENE		0.28	U	0.24	U	0.28	U	0.12	J
8270S	BENZO(G,H,I)PERYLENE		0.4	U	0.35	U	0.41	U	0.045	J
8270S	BENZO(K)FLUORANTHENE		0.28	U	0.24	U	0.28	U	0.051	J
8270S	BENZYL ALCOHOL		0.4	U	0.35	U	0.41	U	0.35	U
8270S	BIS(2-CHLOROETHOXY)METHANE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	BIS(2-CHLOROETHYL)ETHER		0.4	U	0.35	U	0.41	U	0.35	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	BUTAZOLIDIN			R		R		R		R
8270S	BUTYLBENZYLPHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	CHRYSENE		0.4	U	0.35	U	0.41	U	0.088	J
8270S	DCDD		0	U	0	U	0	U	0	U
8270S	DCDF		0	U	0	U	0	U	0	U
8270S	DI-N-BUTYLPHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DI-N-OCTYLPHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DIALLATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DIBENZ(A,H)ANTHRACENE		0.24	U	0.21	U	0.25	U	0.21	U
8270S	DIBENZOFURAN		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DIETHYLPHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DIMETHYLPHENETHYLAMINE		2	U	1.8	U	2.1	U	1.8	U
8270S	DIMETHYLPHTHALATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	DINOSEB		0.4	U	0.35	U	0.41	U		R
8270S	DIPHENYLAMINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ETHYL METHANESULFONATE		0.036	U	0.032	U	0.038	U	0.032	U
8270S	FLUORANTHENE		0.043	J	0.35	U	0.05	J	0.2	J
8270S	FLUORENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	HEXACHLOROBENZENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	HEXACHLOROBUTADIENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	HEXACHLOROCYCLOPENTADIENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	HEXACHLOROETHANE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	HEXACHLOROPROPENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	INDENO(1,2,3-CD)PYRENE		0.24	U	0.21	U	0.25	U	0.05	J
8270S	IRGASAN DP-300		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ISOPHORONE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	ISOSAFROLE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	METHAPYRILENE		4	U	3.5	U	3.4	U	3.5	U
8270S	METHYL METHANESULFONATE		0.036	U	0.032	U	0.038	U	0.032	U
8270S	N-NITROSO-DI-N-BUTYLAMINE		0.36	U	0.32	U	0.37	U	0.32	U
8270S	N-NITROSO-DI-N-PROPYLAMINE		0.24	U	0.21	U	0.25	U	0.21	U
8270S	N-NITROSODIETHYLAMINE		0.016	U	0.014	U	0.016	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE		0.059	U	0.052	U	0.06	U	0.052	U
8270S	N-NITROSOMETHYLETHYLAMINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	N-NITROSOMORPHOLINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	N-NITROSOPIPERIDINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	N-NITROSOPYRROLIDINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	NAPHTHALENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	NITROBENZENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	O-TOLUIDINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	P-DIMETHYLAMINOAZOBENZENE		0.036	U	0.032	U	0.038	U	0.032	U
8270S	P-PHENYLENEDIAMINE		2	U	1.8	U	2.1	U	1.8	U
8270S	PENTACHLOROBENZENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	PENTACHLORONITROBENZENE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	PENTACHLOROPHENOL		2	U	1.8	U	2.1	U	1.8	U
8270S	PHENACETIN		0.4	U	0.35	U	0.41	U	0.35	U
8270S	PHENANTHRENE		0.4	U	0.35	U	0.41	U	0.13	J
8270S	PHENOL		0.4	U	0.35	U	0.41	U	0.35	U
8270S	PRONAMIDE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	PROPAZINE		0.8	U	0.69	U	0.81	U	0.7	U
8270S	PYRENE		0.4	U	0.037	J	0.085	J	0.19	J
8270S	PYRIDINE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	SAFROLE		0.4	U	0.35	U	0.41	U	0.35	U
8270S	TINUVIN 328		0.4	U	0.35	U	0.41	U	0.35	U
8270S	TOFRANIL		4	U	3.5	U	4.1	U	3.5	U
8270S	TRCDD		0	U	0	U	0	U	0	U
8270S	TRCDF		0	U	0	U	0	U	0	U
SOWZS	1,2,3,4,6,7,8-HPCDD		0.000039	U	0.0001	U	0.000071	U	0.000062	F
SOWZS	1,2,3,4,6,7,8-HPCDF		0.000045	U	0.000098	U	0.000084	U	0.000043	U
SOWZS	1,2,3,4,7,8,9-HPCDF		0.00006	U	0.00013	U	0.00011	U	0.000057	U
SOWZS	1,2,3,4,7,8-HXCDD		0.000085	U	0.00015	U	0.00014	U	0.000075	U
SOWZS	1,2,3,4,7,8-HXCDF		0.00005	U	0.00009	U	0.0001	U	0.00004	U
SOWZS	1,2,3,6,7,8-HXCDD		0.000089	U	0.00016	U	0.00015	U	0.000079	U
SOWZS	1,2,3,6,7,8-HXCDF		0.000047	U	0.000088	U	0.000098	U	0.000038	U
SOWZS	1,2,3,7,8,9-HXCDD		0.000079	U	0.00015	U	0.00014	U	0.00007	U
SOWZS	1,2,3,7,8,9-HXCDF		0.00006	U	0.00011	U	0.00012	U	0.000048	U
SOWZS	1,2,3,7,8-PECDD		0.000058	U	0.00018	U	0.00015	U	0.000061	U
SOWZS	1,2,3,7,8-PECDF		0.000031	U	0.00015	U	0.00012	U	0.000034	U
SOWZS	2,3,4,6,7,8-HXCDF		0.000053	U	0.000097	U	0.00011	U	0.000043	U
SOWZS	2,3,4,7,8-PECDF		0.000033	U	0.00016	U	0.00012	U	0.000036	U
SOWZS	2,3,7,8-TCDD		0.000026	U	0.00007	U	0.000074	U	0.000023	U
SOWZS	2,3,7,8-TCDF		0.00002	U	0.000079	U	0.000058	U	0.000021	U
SOWZS	HPCDD		0.000039	U	0.0001	U	0.000071	U	0.00011	F
SOWZS	HPCDF		0.000045	U	0.000098	U	0.000084	U	0.000043	U
SOWZS	HXCDD		0.000079	U	0.00015	U	0.00014	U	0.00007	U
SOWZS	HXCDF		0.000047	U	0.000088	U	0.000098	U	0.000038	U
SOWZS	OCDD		0.00014	U	0.00034	U	0.00027	U	0.0013	J
SOWZS	OCDF		0.000095	U	0.00023	U	0.00022	U	0.000083	U
SOWZS	PECDD		0.000058	U	0.00018	U	0.00015	U	0.000061	U
SOWZS	PECDF		0.000031	U	0.00015	U	0.00012	U	0.000034	U
SOWZS	TCDD		0.000026	U	0.00007	U	0.000074	U	0.000023	U
SOWZS	TCDF		0.00002	U	0.000079	U	0.000058	U	0.000021	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

BACKGROUND
SHALLOW SOIL
INORGANIC DATA

SITE	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1
LOCATOR	BG/BGBP	BG/BGDGA	BG/BGWBGC	BG/BGWS	BG/BP	BG/BP	BG/BP	BG/ND	BG/ND	BG/PH	BG/PH	BG/WS	BG/WS	OF/APC	OF/BRF	OF/BS	OF/CGH	OF/EHS	OF/FF	OF/HMEH	OF/NAS	OF/PAEH
SAMPLE NUMBER	SF-BG-BP*II-1	SF-BG-DGA*II-1	SF-BG-WBGC*II-1	SF-BG-WS*II-1	B-DUP6*II-1	SF-BG-BP*IB-1	SF-BG-BP*IB-2	SF-BG-ND*IB-1	SF-BG-ND*IB-2	SF-BG-PH*IB-1	SF-BG-PH*IB-2	SF-BG-WS*IB-1	SF-BG-WS*IB-2	SF-OF-APC*II-1	SF-OF-BRF*II-1	SF-OF-BS*II-1	SF-OF-CGH*II-1	SF-OF-EHS*II-1	SF-OF-FF*II-1	SF-OF-HMEH*II-1	SF-OF-NAS*II-1	SF-OF-PAEH*II-1
COLLECT DATE	8/9/93	7/27/93	7/28/93	8/9/93	8/9/93	12/3/90	3/21/91	12/3/90	3/21/91	12/3/90	3/21/91	12/3/90	3/21/91	8/4/93	7/28/93	7/28/93	7/29/93	8/4/93	7/27/93	7/29/93	8/4/93	7/28/93
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result
6010S BARIUM	20.1 J	44.4 J	8.7 J	27.2 J	18.8 J	49.1	275	17.9	18.2	12.1	13	24.2	18.5	22.4 J	40 J	53.4 J	30.8 J	31.6 J	26.3	17.1 J	25.1 J	2
6010S BERYLLIUM	0.98 J	0.42 J	0.16 J	0.39 J	0.91 J	0.73	0.77	0.4	0.51	0.25	0.26	0.53	0.44	0.42 J	0.2 J	0.23 J	0.11 U	0.25 J	1.2	0.1 U	0.26 J	0.42
6010S CADMIUM	NA	NA	NA	NA	NA	0.52	0.78	0.46 U	0.49 U	0.38 U	0.46 U	0.44 U	0.5 U	NA	NA	NA	NA	NA	0.37 U	0.29 U	NA	NA
6010S CALCIUM	NA	NA	NA	NA	NA	1200 J	1440 J	715 J	817 J	636 J	560 J	1240 J	803 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S CHROMIUM	8.9	17.1	4.8	8	8.3	11.8	20	7.3	8	7.4	6.2	13	11	6.4	5.2	5.8	8.4	9.4	12.8	7.3	8.7	13.4
6010S COBALT	3 J	2.3 J	2.1 J	3.3 J	2.9 J	5.2	7	1.9	2.2	2.7	1.8	5	5.1	3.3 J	3.3 J	1.9 J	2.8 J	2.8 J	3 J	1.7 J	2.5 J	2.6
6010S COPPER	7.1	32.4	3.7	5.5	6.4	14.3	22.9	5.6	10.1	3.8	5.2	5.7	8.8	11.4	13.1	18.7	20.5	9.5 J	9.2	7.6	11 J	27.5
6010S IRON	NA	NA	NA	NA	NA	13800	28300 J	8590	8230 J	8620	7240	14100	13300 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S MAGNESIUM	NA	NA	NA	NA	NA	1520 J	2450	703 J	713	1390 J	683	1770 J	1910	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S MANGANESE	NA	NA	NA	NA	NA	379 J	476 J	137 J	140 J	106 J	53.2 J	152 J	177 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S NICKEL	3.7 J	4.6	3.2 J	8.3	3.1 J	10 U	13.3	2.9 U	6.2	7.6 U	4.6	7.3 U	9.5	5.7	5.5	5.4	4.9	6.4	3.9 J	3.4 J	4.9	5.5
6010S POTASSIUM	NA	NA	NA	NA	NA	561 J	786 J	364 J	349 J	457 J	404 J	589 J	524 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S SILVER	0.34 U	0.31 J	0.32 U	0.27 U	0.35 J	0.86 U	0.86 U	0.93 U	0.98 U	0.77 U	0.93 U	0.88 U	1 U	0.3 U	0.27 U	0.29 U	0.42 J	0.27 U	0.37 U	0.29 U	0.28 U	0.5
6010S SODIUM	NA	NA	NA	NA	NA	86 U	230	93 U	211	77 U	197	88 U	182	NA	NA	NA	NA	NA	NA	NA	NA	NA
6010S TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 U	2.3	NA	NA
6010S VANADIUM	12.5	16.9	8.5 J	12.3	11.8	19.3	27.3 J	12.7	12.8 J	11.3	16.1 J	23.7	20.5 J	8.7 J	7.2 J	17.8 J	15.4 J	12.6	12.9	9.2 J	11.7	9.3
6010S ZINC	39.4	34.8	13.3	32.3	37.7	79	219	22.7	20.9	17.4	26.8	25.8	25.9	39.9	62.4	222	51.3	53.3 J	29.2	23.1	78.3 J	76.9
7041S ANTIMONY	NA	NA	NA	NA	NA	R	R	R	R	R	R	R	R	NA	NA	NA	NA	NA	0.67 U	0.48 U	NA	NA
7060S ARSENIC	3 J	2.7	0.32 U	3.3 J	4.3 J	8.4 J	12.8 J	36.9 J	17.1 J	5.2 J	8.6 J	18.4 J	13.6 J	1.4 J	0.28 U	0.29 U	5.2 J	5.2 J	7.3 J	2.3 J	3 J	0.27
7421S LEAD	37 J	251 J	12.4	24.3 J	27 J	90 J	471	166 J	43.4	11.8 J	23.3	24 J	22.1	30.8	58.3	230	122 J	97 J	25.5 J	35.8 J	153 J	59
7472S MERCURY	0.1 U	0.16	0.1 U	0.1 U	0.1 U	0.28	0.81	0.06 U	0.06	0.05 U	0.053 U	0.05 U	0.053 U	0.08 U	0.08 U	0.09 U	0.16	0.15	0.12 U	0.09 U	0.02	0.26
7740S SELENIUM	0.36 U	1.1 J	0.7 U	0.21 U	0.59 U	0.46 U	0.67	0.45 U	0.49	0.41 U	0.52 U	0.45 U	0.32 U	0.58 U	0.6 U	0.63 U	0.54 U	0.2 U	0.27 U	0.19 U	0.22 U	
7841S THALLIUM	0.17 J	0.09 U	0.08 U	0.1 J	0.12 U	0.46 U	0.53 U	0.45 U	0.49 U	0.41 U	0.52 U	0.45 U	0.32 U	0.07 U	0.07 U	0.07 U	0.11 U	0.99 U	0.13 U	0.2 J	0.1 U	0.07
9010S CYANIDE	2 U	2.3 U	2 U	1.7 U	1.9 U	R	3	R	0.49 U	R	0.48 U	R	0.45 U	3.2 U	2.7 U	2.8 U	2.2 U	2 U	3 U	2.7 U	3 U	3
SNZZS TIN	NA	NA	NA	NA	NA	97.2	102	9.3 U	9.8 U	7.7 U	9.3 U	8.8 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
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NA - Not analyzed.

BACKGROUND
SHALLOW SOIL
INORGANIC DATA

SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
LOCATOR	OF/PIP		OF/PVJHS		OF/RCR		OF/RRW		OF/RWP		OF/SBP		OF/SNH		OS/AJHS		OS/BRF		OS/BS		OS/CGH		OS/CRS		OS/EHS		OS/FF		OS/HMEH		OS/NAS		OS/PAEH		OS/PVJHS		OS/RWP		OS/SNH		OS/SP	
SAMPLE NUMBER	SF-OF-PIP*II-1		SF-OF-PVJHS*II-1		SF-OF-RCR*II-1		SF-OF-RRW*II-1		SF-OF-RWP*II-1		SF-OF-SBP*II-1		SF-OF-SNH*II-1		SF-OS-AJHS*IB-2		SF-OS-BRF*IB-2		SF-OS-BS*IB-2		SF-OS-CGH*IB-2		SF-OS-CRS*IB-2		SF-OS-EHS*IB-2		SF-OS-FF*IB-2		SF-OS-HMEH*IB-2		SF-OS-NAS*IB-2		SF-OS-PAEH*IB-2		SF-OS-PVJHS*IB-2		SF-OS-RWP*IB-2		SF-OS-SNH*IB-2		SF-OS-SP*IB-2	
COLLECT DATE	8/4/93		7/28/93		7/28/93		7/27/93		7/27/93		7/27/93		8/4/93		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91		3/20/91	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S BARIUM	19.6	J	17.9	J	14.2	J	6.8	J	9.2	J	12.8	J	86.6	J	22.9		28.6		19.3		26.6		22.8		24.7		25.1		32.6		62.1		15.1		15.6		14.5		33.4		9.7	
6010S BERYLLIUM	0.29	J	0.43	J	0.21	J	0.09	U	0.09	U	0.67	J	0.18	J	0.42		0.41		0.31		0.57		0.54		0.4		0.67		0.39		0.37		0.37		0.44		0.44		0.3		0.19	
6010S CADMIUM	NA		NA		NA		NA		NA		NA		NA		0.5	U	0.53	U	0.47	U	0.34	U	0.48	U	0.48	U	0.46	U	0.54	U	0.43	U	0.32	U	0.3	U	0.5	U	0.5	U	0.44	U
6010S CALCIUM	NA		NA		NA		NA		NA		NA		NA		815	J	796	J	514	J	1990	J	573	J	729	J	735	J	1250	J	1650	J	596	J	652	J	515	J	1010	J	336	J
6010S CHROMIUM	5.9		6.3		10.4		2		6.4		11		7.4		14.9		12.4		4.9		11.7		12.4		6.8		13.7		9.7		9.8		6.9		9.2		30.4		10.8		5.2	
6010S COBALT	3.4	J	4		3.6	J	1.4	J	3.1	J	7		2.5	J	3.3		3.6		2.4		3.5		4.5		2.6		2.8		2.9		2.8		4.3		5.1		4.2		2.9		2.8	
6010S COPPER	2.4	J	10		9.1		26.9		6.6		16.5		21.3	J	8.2		11.9		6.7		15.4		13.1		5.9		14.6		33.5		19.2		9.2		10.2		13.5		35.4		4.2	
6010S IRON	NA		NA		NA		NA		NA		NA		NA		12900	J	10900	J	7600	J	11500	J	16800	J	8650	J	9280	J	10900		9990	J	11300	J	12600	J	13000	J	8040	J	6120	J
6010S MAGNESIUM	NA		NA		NA		NA		NA		NA		NA		1330		1270		747		1300		1970		1030		870		1210		1100		1600		1870		1710		1250		963	
6010S MANGANESE	NA		NA		NA		NA		NA		NA		NA		111	J	118	J	85.2	J	145	J	167	J	108	J	151	J	146	J	146	J	166	J	196	J	137	J	151	J	78.4	J
6010S NICKEL	4.4		6.1		7.5		2.2	J	5.8		13.8		4.9		8.4		6.6		4.8		8.7		11.3		3.8		5.5		7		6.5		7.9		9.3		8.2		7		4.8	
6010S POTASSIUM	NA		NA		NA		NA		NA		NA		NA		452	J	484	J	280	U	472	J	382	J	494	J	305	J	449	J	372	J	268	J	461	J	330	J	462	J	366	J
6010S SILVER	0.28	U	0.23	U	0.31	J	0.28	U	0.26	U	0.31	U	0.32	U	1	U	1.1	U	0.93	U	0.68	U	0.95	U	0.96	U	0.93	U	1.1	U	0.86	U	0.64	U	0.61	U	1	U	0.99	U	0.88	U
6010S SODIUM	NA		NA		NA		NA		NA		NA		NA		194		245		194		158		195		171		176		250		176		138		126		169		203		150	
6010S TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010S VANADIUM	10.6		6.7	J	9.5	J	2.2	J	6.7	J	13.2	J	10.3		24.5	J	20.5	J	11.5	J	20.9		28.8	J	13	J	18.5	J	18.3		19.2		12.4	J	12.5	J	16.6	J	14.7	J	7.8	J
6010S ZINC	17.4	J	27.7		22.9		12.7		15.4		35.4		84.2	J	50.5		28.2		65.8		63.2		35.8		28.9		37.5		60		144		22		32.7		25		71.1		16.7	
7041S ANTIMONY	NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R		R		R		R		R		R		R		R		R		R	
7060S ARSENIC	2.8	J	0.28	U	0.29	U	0.18	U	3.8	J	10.1	J	2.5	J	14.5	J	18.4	J	12.4	J	11.6	J	19.4	J	14.3	J	22.6	J	42.8	J	26.7	J	9.5	J	11.2	J	12.9	J	9.8	J	6.3	J
7421S LEAD	11.8	J	13.4		7.7		4	J	8.9	J	15	J	200	J	38.1		55.6		39.6		50		41.2		33.5		80.3		278		498		14.6		18.4		26.5		142		6	
7472S MERCURY	0.02	U	0.07	U	0.09	U	0.09	U	0.09	U	0.1	U	0.02	U	0.14		0.14		0.05	U	0.08		0.06		0.056	U	0.053	U	0.58		0.08		0.05	U	0.05	U	0.1		0.05	U	0.047	U
7740S SELENIUM	0.21	U	0.61	U	0.63	U	0.18	U	0.17	U	0.49	U	0.18	U	0.39	U	0.42	U	0.46	U	0.54	U	0.42	U	0.55	U	0.58	U	0.47	U	0.41	U	0.49	U	0.4	U	0.39	U	0.45	U	0.38	U
7841S THALLIUM	0.1	U	0.07	U	0.07	U	0.09	U	0.09	U	0.1	U	0.09	U	0.39	U	0.42	U	0.46	U	0.53	U	0.42	U	0.55	U	0.58	U	0.47	U	0.41	U	0.48	U	0.4	U	0.39	U	0.46	U	0.38	U
9010S CYANIDE	3	U	2	U	2	U	2.3	U	2.2	U	2.3	U	3.3	U	0.46	U	0.45	U	0.39	U	0.49	U	0.49	U	0.44	U	0.46	U	0.49	U	0.47	U	0.36	U	0.38	U	0.47	U	0.41	U	0.41	U
SNZZS TIN	NA		NA		NA		NA		NA		NA		NA		10	U	11	U	9.3	U	6.8	U	9.5	U	9.6	U	9.3	U	12.8		8.6	U	6.4	U	6.1	U	10	U	9.9	U	8.8	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA- Not analyzed.

BACKGROUND
DEEP SOIL
INORGANIC DATA

	SITE	12 to 14		2 to 4		4 to 6		8 to 10	
	LOCATOR	BG/BGB7		BG/BGD2		BG/BGC3		BG/BGA5	
	SAMPLE NUMBER	B-BGB7*II-1		B-BGD2*II-1		B-BGC3*II-1		B-BGA5*II-1	
	COLLECT DATE	7/27/93		7/21/93		7/21/93		7/27/93	
		Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	6.4	J	13.4	J	21.3	J	8.8	J
6010S	BERYLLIUM	0.11	U	0.68		0.6		0.24	J
6010S	CADMIUM	NA		0.31	U	NA		NA	
6010S	CHROMIUM	4.4		6.3		3.7		3.2	
6010S	COBALT	2.1	J	4.1	J	1.7	J	1.7	J
6010S	COPPER	7.4		5.8		4.8		4.9	
6010S	NICKEL	5.4		5.8		2.6	J	2.9	J
6010S	SILVER	0.33	U	0.31	U	0.27	U	0.27	U
6010S	TIN	NA		104	U	NA		NA	
6010S	VANADIUM	4.5	J	6.8		6.7		4.3	J
6010S	ZINC	12.7		33.6	J	28.5	J	14.3	
7060S	ARSENIC	0.18	U	1.2	J	0.74	J	0.23	U
7421S	LEAD	3.9		2.9	J	13.4	J	4.5	
747ZS	MERCURY	0.08	U	0.07	U	0.09	U	0.1	U
7740S	SELENIUM	0.79	U	0.14	U	0.15	U	1.8	U
7841S	THALLIUM	0.09	U	0.21	J	0.08	U	0.73	U
9010S	CYANIDE	2	U	1.7	U	1.9	U	2.5	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
SHALLOW SOIL
ORGANIC DATA

PM7/27/95

	SITE	AOC-13/AD152		AOC-13/E162		AOC-13/F362		AOC-13/F452		AOC-13/O162		AOC-13/O262		AOC-13/O362		AOC-13/O452		AOC-13/Y262		AOC13/A25		AOC13/A40		AOC13/AA7		AOC13/AB21		AOC13/AB24	
	LOCATOR	B-13AD152*II-2		B-13E162*II-2		B-13F362*II-2		B-13F452*II-2		B-13O162*II-2		B-13O262*II-2		B-13O362*II-2		B-13O452*II-2		B-13Y262*II-2		SF-A13-A25(S)*IB-1		SF-A13-A40(S)*IB-1		SF-A13-AA7(S)*IB-2		SS-AB21*II-1		SS-AB24*II-1	
	SAMPLE NUMBER	5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		11/15/90		11/14/90		3/15/91		4/8/92		4/8/92	
	COLLECT DATE	0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	4,4'-DDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	4,4'-DDT	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.26	U	0.23	U	0.0021	U	NA		NA	
8080S	ALDRIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ALPHA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ALPHA-CHLORDANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	BETA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	DIELDRIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ENDOSULFAN I	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ENDOSULFAN II	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.34	U	0.0032	U	NA		NA	
8080S	ENDOSULFAN SULFATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.64	U	0.57	U	0.0053	U	NA		NA	
8080S	ENDRIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ENDRIN ALDEHYDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.26	U	0.23	U	0.0021	U	NA		NA	
8080S	GAMMA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	GAMMA-CHLORDANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	HEPTACHLOR	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	HEPTACHLOR EPOXIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	ISODRIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	KEPONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.0011	U	NA		NA	
8080S	METHOXYCHLOR	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.64	U	0.57	U	0.0053	U	NA		NA	
8080S	PCB-1016	0.036	U	0.18	U	0.37	U	0.71	U	0.069	U	0.35	U	0.34	U	400	U	0.37	U	1.3	U	1.1	U	0.011	U	R		0.037	U
8080S	PCB-1221	0.072	U	0.38	U	0.75	U	1.4	U	0.14	U	0.71	U	0.69	U	820	U	0.75	U	2.6	U	2.3	U	0.021	U	R		0.074	U
8080S	PCB-1232	0.036	U	0.18	U	0.37	U	0.71	U	0.069	U	0.35	U	0.34	U	400	U	0.37	U	2.6	U	2.3	U	0.021	U	R		0.037	U
8080S	PCB-1242	0.036	U	0.18	U	0.37	U	0.71	U	0.069	U	0.35	U	0.34	U	400	U	0.37	U	1.3	U	1.1	U	0.011	U	R		0.037	U
8080S	PCB-1248	0.1	J	0.19	J	0.96	J	0.71	U	0.28		0.35	U	3.6		4600		0.37	U	1.3	U	1.1	U	0.011	U	R		0.23	
8080S	PCB-1254	0.036	U	0.18	U	1.3	J	6.1		0.55		0.4	J	0.34	U	400	U	1.2	J	29		25		0.099		25	J	0.4	
8080S	PCB-1260	0.036	U	0.18	U	0.37	U	0.71	U	0.069	U	0.35	U	0.34	U	400	U	0.37	U	2.6	U	2.3	U	0.021	U	R		0.037	U
8080S	TOXAPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		6.4	U	5.7	U	0.053	U	NA		NA	
8141ZS	DIMETHOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8141ZS	DISULFOTON	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8141ZS	ETHYL PARATHION	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.094	U	0.085	U	0.08	U	NA		NA	
8141ZS	FAMPHUR	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.31	U	0.28	U	0.27	U	NA		NA	
8141ZS	METHYL PARATHION	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.019	U	0.017	U	0.016	U	NA		NA	
8141ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.63	U	0.57	U	0.54	U	NA		NA	
8141ZS	PHORATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.094	U	0.085	U	0.08	U	NA		NA	
8141ZS	SULFOTEPP	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.063	U	0.057	U	0.054	U	NA		NA	
8141ZS	THIONAZIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.63	U	0.57	U	0.54	U	NA		NA	
8151ZS	2,4,5-T	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.024	U	0.022	U	0.021	U	NA		NA	
8151ZS	2,4,5-TP (SILVEX)	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.02	U	0.019	U	0.018	U	NA		NA	
8151ZS	2,4-D	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.14	U	0.13	U	0.13	U	NA		NA	
8151ZS	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.018	U	0.017	U	0.016	U	NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,1-TRICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,2,2-TETRACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,2-TRICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,1-DICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,1-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,2,3-TRICHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DIBROMO-3-CHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.51	U	0.46	U	0.43	U	NA		NA	
8240S	1,2-DIBROMOETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DICHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	2-BUTANONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	2-CHLORO-1,3-BUTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.63	U	0.57	U	0.54	U	NA		NA	
8240S	2-HEXANONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	3-CHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	4-METHYL-2-PENTANONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	ACETONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	ACETONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.51	U	0.46	U	0.43	U	NA		NA	
8240S	ACROLEIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
8240S	ACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		1.3	U	1.1	U	1.1	U	NA		NA	
8240S	BENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	BROMODICHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	BROMOFORM	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	BROMOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	CARBON DISULFIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	CARBON TETRACHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	CHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.28		0.11	U	0.11	U	NA		NA	
8240S	CHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	CHLOROFORM	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	CHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	DIBROMOCHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	DIBROMOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.51	U	0.46	U	0.43	U	NA		NA	
8240S	ETHYL METHACRYLATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	ETHYLBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	IODOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.051	J	0.027	J	0.025	J	NA		NA	
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	METHYLENE CHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.23	U	NA		NA	
8240S	N-OCTANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	O-XYLENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.032	J	0.014	J	0.11	U	NA		NA	
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		2.5	U	2.3	U	2.2	U	NA		NA	
8240S	STYRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	TETRACHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	TOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13		0.049	J	0.62	U	NA		NA	
8240S	TRANS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	TRANS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	TRANS-1,4-DICHLORO-2-BUTENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	TRICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	TRICHLOROFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8240S	VINYL ACETATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.13	U	0.11	U	0.11	U	NA		NA	
8240S	VINYL CHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.25	U	0.23	U	0.22	U	NA		NA	
8248S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	11	U	11	U	NA		NA	
8248S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	11	U	11	U	NA		NA	
8248S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	11	U	11	U	NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,2,4-TRICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,2-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,3-DINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,4-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	1-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,3,4,6-TETRACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
8270S	2,4,5-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,4,6-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,4-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,4-DIMETHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,4-DINITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
8270S	2,4-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,6-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2,6-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-ACETYLAMINOFLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
8270S	2-CHLORONAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-CHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-METHYLNAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
8270S	2-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	2-PICOLINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

SITE	AOC-13/AD162		AOC-13/E162		AOC-13/F362		AOC-13/F452		AOC-13/O162		AOC-13/O262		AOC-13/O362		AOC-13/O452		AOC-13/Y262		AOC13/A25		AOC13/A40		AOC13/AA7		AOC13/AB21		AOC13/AB24	
LOCATOR	B-13AD162*II-2		B-13E162*II-2		B-13F362*II-2		B-13F452*II-2		B-13O162*II-2		B-13O262*II-2		B-13O362*II-2		B-13O452*II-2		B-13Y262*II-2		SF-A13-A25(S)*IB-1		SF-A13-A40(S)*IB-1		SF-A13-AA7(S)*IB-2		SS-AB21*II-1		SS-AB24*II-1	
SAMPLE NUMBER	5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		5/4/94		11/15/90		11/14/90		3/15/91		4/8/92		4/8/92	
COLLECT DATE	0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
3,3'-DICHLOROBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
3,3'-DIMETHYLBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
3-METHYLCHOLANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
3-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
4,6-DINITRO-2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
4-AMINOBIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-BROMOPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-CHLORO-3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-CHLOROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-CHLOROPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
4-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
4-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
4-NITROQUINOLINE-N-OXIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		130	U	57	U	R		NA		NA	
6-NITRO-O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
ACENAPHTHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ACENAPHTHYLENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ANILINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		1.6	J	0.56	J	1	U	NA		NA	
ARAMITE	NA		NA		NA		NA		NA		NA		NA		NA		NA		130	U	57	U	10	U	NA		NA	
BENZO(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		3.1	J	1.8	J	1	U	NA		NA	
BENZO(A)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		2.2	J	1.7	J	1	U	NA		NA	
BENZO(B)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		3.9	J	2.8	J	1	U	NA		NA	
BENZO(G,H,I)PERYLENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	1.7	J	1	U	NA		NA	
BENZO(K)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		4.9	J	3.5	J	1	U	NA		NA	
BENZYL ALCOHOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
BIS(2-CHLOROETHOXY)METHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
BIS(2-CHLOROETHYL)ETHER	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
BIS(2-ETHYLHEXYL)PHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		2.2	J	2.2	J	1	U	NA		NA	
BUTAZOLIDIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
BUTYLBENZYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	33		1	U	NA		NA	
CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
CHRYSENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		3.2	J	2	J	1	U	NA		NA	
DCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
DCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
DI-N-BUTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	0.65	J	1	U	NA		NA	
DI-N-OCTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIALLATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIBENZA,HANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIBENZOFURAN	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIMETHYLPHENETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DIMETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ETHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		8.4	J	3.9	J	1	U	NA		NA	
FLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
HEXACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
HEXACHLOROBUTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
HEXACHLOROCYCLOPENTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
HEXACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		210	U	NA		NA	
HEXACHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
INDENO(1,2,3-CD)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	1.1	J	1	U	NA		NA	
IRGASAN DP-300	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
ISOPHORONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
ISOSAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
METHAPYRILENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
METHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSO-DI-N-BUTYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSO-DI-N-PROPYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSODIETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSODIMETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-NITROSOMORPHOLINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSOPIPERIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
N-NITROSOPYRROLIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
NAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	0.29	J	1	U	NA		NA	
NITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
P-DIMETHYLAMINOAZOBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
P-PHENYLENEDIAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
PENTACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
PENTACHLORONITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	R		NA		NA	
PENTACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
PHENACETIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
PHENANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		5	J	1.9	J	1	U	NA		NA	
PHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
PRONAMIDE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
PROPAZINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		6	J	2.7	J	1	U	NA		NA	
PYRIDINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
SAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		NA		13	U	5.7	U	1	U	NA		NA	
TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
TOFRANIL	NA		NA		NA		NA		NA		NA		NA		NA		NA		63	U	29	U	5.2	U	NA		NA	
TRCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		25	U	11	U	2.1	U	NA		NA	
TRCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		3.9	J	3.3	J	2.1	U	NA		NA	
ZS 1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS 2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS 2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
ZS PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS TCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	
ZS TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		R		R		R		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	AOC13/AE11		AOC13/AF26		AOC13/AG23		AOC13/AJ15		AOC13/B2		AOC13/B7		AOC13/C16		AOC13/C20		AOC13/C27		AOC13/C41		AOC13/D37		AOC13/E23		AOC13/E31		AOC13/E35		AOC13/E45		AOC13/F26	
	LOCATOR	SS-AE11*II-1		SS-AF26*II-1		SS-AG23*II-1		SS-AJ15*II-1		SS-B2*II-1		SS-B7*II-1		SS-C16*II-1		SS-C20*II-1		SF-A13-C27(S)*IB-2		SF-A13-C41(S)*IB-2		SS-D37*II-1		SS-E23*II-1		SS-E31*II-1		SS-E35*II-1		SF-A13-E45(S)*IB-1		SS-F26*II-1	
	SAMPLE NUMBER	4/8/92		4/8/92		4/8/92		4/8/92		4/7/92		4/7/92		4/8/92		4/8/92		3/14/91		3/14/91		4/7/92		4/7/92		4/7/92		4/7/92		11/14/90		4/7/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8081	4,4'-DDD	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	4,4'-DDE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	4,4'-DDT	NA		NA		NA		NA		NA		NA		NA		NA		0.45	U	0.11	U	NA		NA		NA		NA		0.21	U	NA	
8081	ALDRIN	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	ALPHA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	ALPHA-CHLORDANE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	BETA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8081	DELTA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	DIELDRIN	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	ENDOSULFAN I	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	ENDOSULFAN II	NA		NA		NA		NA		NA		NA		NA		NA		0.68	U	0.17	U	NA		NA		NA		NA		0.32	U	NA	
8081	ENDOSULFAN SULFATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	0.28	U	NA		NA		NA		NA		0.54	U	NA	
8081	ENDRIN	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	ENDRIN ALDEHYDE	NA		NA		NA		NA		NA		NA		NA		NA		0.46	U	0.11	U	NA		NA		NA		NA		0.21	U	NA	
8081	GAMMA-BHC	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	GAMMA-CHLORDANE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	HEPTACHLOR	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	HEPTACHLOR EPOXIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.36	U	0.086	U	NA		NA		NA		NA		0.11	U	NA	
8081	ISODRIN	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.055	U	NA		NA		NA		NA		0.11	U	NA	
8081	KEPONE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.056	U	NA		NA		NA		NA		0.11	U	NA	
8081	METHOXYCHLOR	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	0.28	U	NA		NA		NA		NA		0.54	U	NA	
8081	PCB-1016	0.034	U	0.17	U	R		0.035	U	0.035	U	0.037	U	R		0.037	U	2.3	U	0.55	U	R		0.75	U	R		R		1.1	U	R	
8081	PCB-1221	0.07	U	0.35	U	R		0.071	U	0.076	U	0.074	U	R		0.074	U	4.5	U	1.1	U	R		1.5	U	R		R		2.1	U	R	
8081	PCB-1232	0.034	U	0.17	U	R		0.035	U	0.038	U	0.037	U	R		0.037	U	4.5	U	1.1	U	R		0.75	U	R		R		2.1	U	R	
8081	PCB-1242	0.034	U	0.17	U	R		0.035	U	0.038	U	0.037	U	R		0.037	U	2.3	U	0.55	U	R		0.75	U	R		R		1.1	U	R	
8081	PCB-1248	0.034	U	0.37		2	J	0.072		0.35		0.051		15	J	0.12		2.3	U	0.55	U	5.5	J	1.3		6.4	J	5.2	J	1.1	U	4.8	J
8081	PCB-1254	*0.31*		*5.2*		*19*	*J*	*0.86*		*1.7*		*0.34*		*84*	*J*	*0.6*		*75*		*14*		*64*	*J*	*27*		*47*	*J*	*58*	*J*	*51*		*74*	*J*
8081	PCB-1260	0.034	U	0.17	U	R		0.035	U	0.038	U	0.037	U	R		0.037	U	4.5	U	1.1	U	R		0.75	U	R		R		2.1	U	R	
8081	TOXAPHENE	NA		NA		NA		NA		NA		NA		NA		NA		11	U	2.8	U	NA		NA		NA		NA		5.4	U	NA	
8141	DIMETHOATE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8141	DISULFOTON	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8141	ETHYL PARATHION	NA		NA		NA		NA		NA		NA		NA		NA		0.084	U	0.081	U	NA		NA		NA		NA		0.08	U	NA	
8141	FAMPHUR	NA		NA		NA		NA		NA		NA		NA		NA		0.28	U	0.27	U	NA		NA		NA		NA		0.27	U	NA	
8141	*METHYL PARATHION*	NA		NA		NA		NA		NA		NA		NA		NA		*0.017*	*U*	*0.016*	*U*	NA		NA		NA		NA		*0.016*	*U*	NA	
8141	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		0.56	U	0.54	U	NA		NA		NA		NA		0.53	U	NA	
8141	PHORATE	NA		NA		NA		NA		NA		NA		NA		NA		0.084	U	0.081	U	NA		NA		NA		NA		0.08	U	NA	
8141	SULFOTEPP	NA		NA		NA		NA		NA		NA		NA		NA		0.056	U	0.054	U	NA		NA		NA		NA		0.0094	J	NA	
8141	THIONAZIN	NA		NA		NA		NA		NA		NA		NA		NA		0.56	U	0.54	U	NA		NA		NA		NA		0.53	U	NA	
8151	2,4,5-T	NA		NA		NA		NA		NA		NA		NA		NA		0.022	U	0.022	U	NA		NA		NA		NA		0.022	U	NA	
8151	2,4,5-TP (SILVEX)	NA		NA		NA		NA		NA		NA		NA		NA		0.019	U	0.019	U	NA		NA		NA		NA		0.019	U	NA	
8151	2,4-D	NA		NA		NA		NA		NA		NA		NA		NA		*0.13*	*U*	*0.13*	*U*	NA		NA		NA		NA		*0.13*	*U*	NA	
8151	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		0.017	U	0.016	U	NA		NA		NA		NA		0.016	U	NA	
8240	1,1,1,2-TETRACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,1,1-TRICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,1,2,2-TETRACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,1,2-TRICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,1-DICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,1-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,2,3-TRICHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,2-DIBROMO-3-CHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		0.45	U	0.44	U	NA		NA		NA		NA		0.44	U	NA	
8240	1,2-DIBROMOETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,2-DICHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	1,2-DICHLOROPROPANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	2-BUTANONE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	2-CHLORO-1,3-BUTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		0.57	U	0.54	U	NA		NA		NA		NA		0.55	U	NA	
8240	2-HEXANONE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	3-CHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	4-METHYL-2-PENTANONE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	ACETONE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	ACETONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		0.45	U	0.44	U	NA		NA		NA		NA		0.44	U	NA	
8240	ACROLEIN	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8240	ACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		1.1	U	NA	
8240	BENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	BROMODICHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	BROMOFORM	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	BROMOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	CARBON DISULFIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	CARBON TETRACHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	CHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.086	J	0.032	J	NA		NA		NA		NA		0.11	U	NA	
8240	CHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	CHLOROFORM	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	CHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	DIBROMOCHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	DIBROMOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.45	U	0.44	U	NA		NA		NA		NA		0.44	U	NA	
8240	ETHYL METHACRYLATE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	ETHYLBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.032	J	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	IODOMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	M&P-XYLENE	NA		NA		NA		NA		NA		NA		NA		NA		0.12		0.11	U	NA		NA		NA		NA		0.029	J	NA	
8240	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	METHYL METHACRYLATE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	METHYLENE CHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.93	U	0.39	U	NA		NA		NA		NA		0.19	U	NA	
8240	N-OCTANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	O-XYLENE	NA		NA		NA		NA		NA		NA		NA		NA		0.061	J	0.11	U	NA		NA		NA		NA		0.013	J	NA	
8240	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240	PROPANENITRILE	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		2.2	U	NA	
8240	STYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.039	J	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	TETRACHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	TOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		0.26	J	0.023	J	NA		NA		NA		NA		0.035	J	NA	
8240	TRANS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	TRANS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	TRANS-1,4-DICHLORO-2-BUTENE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	TRICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	TRICHLOROFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.33		0.22	U	NA		NA		NA		NA		0.22	U	NA	
8240	VINYL ACETATE	NA		NA		NA		NA		NA		NA		NA		NA		0.11	U	0.11	U	NA		NA		NA		NA		0.11	U	NA	
8240	VINYL CHLORIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.22	U	NA		NA		NA		NA		0.22	U	NA	
8248	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		11	U	11	U	NA		NA		NA		NA		10	U	NA	
8248	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		11	U	11	U	NA		NA		NA		NA		10	U	NA	
8248	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		11	U	11	U	NA		NA		NA		NA		10	U	NA	
8270	1,2,4,5-TETRACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,2,4-TRICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,2-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270	1,3-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,3-DINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,4-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270	1,4-NAPHTHOQUINONE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	1-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,2'-OXYBIS(1-CHLOROPROPANE)	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,3,4,6-TETRACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
8270	2,4,5-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,4,6-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,4-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,4-DIMETHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,4-DINITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
8270	2,4-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,6-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2,6-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-ACETYLAMINOFLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
8270	2-CHLORONAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-CHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-METHYLNAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
8270	2-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	2-PICOLINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
8270	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	AOC13/AE11		AOC13/AF26		AOC13/AG23		AOC13/AJ15		AOC13/B2		AOC13/B7		AOC13/C16		AOC13/C20		AOC13/C27		AOC13/C41		AOC13/D37		AOC13/E23		AOC13/E31		AOC13/E35		AOC13/E45		AOC13/F26	
	LOCATOR	SS-AE11*II-1		SS-AF26*II-1		SS-AG23*II-1		SS-AJ15*II-1		SS-B2*II-1		SS-B7*II-1		SS-C16*II-1		SS-C20*II-1		SF-A13-C27(S)*IB-2		SF-A13-C41(S)*IB-2		SS-D37*II-1		SS-E23*II-1		SS-E31*II-1		SS-E35*II-1		SF-A13-E45(S)*IB-1		SS-F26*II-1	
	SAMPLE NUMBER	4/8/92		4/8/92		4/8/92		4/8/92		4/7/92		4/7/92		4/8/92		4/8/92		3/14/91		3/14/91		4/7/92		4/7/92		4/7/92		4/7/92		11/14/90		4/7/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
08	3,3'-DICHLOROBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
08	3,3'-DIMETHYLBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
08	3-METHYLCHOLANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	3-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	4,6-DINITRO-2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	4-AMINOBIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-BROMOPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-CHLORO-3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-CHLOROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-CHLOROPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	4-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	4-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	4-NITROQUINOLINE-N-OXIDE	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
08	5-NITRO-O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	ACENAPHTHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.18	J	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ACENAPHTHYLENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ANILINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.28	J	0.26	J	NA		NA		NA		NA		5.3	U	NA	
08	ARAMITE	NA		NA		NA		NA		NA		NA		NA		NA		11	U	11	U	NA		NA		NA		NA		53	U	NA	
08	BENZO(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.98	J	1.1		NA		NA		NA		NA		0.84	J	NA	
08	BENZO(A)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.79	J	1.1		NA		NA		NA		NA		1.1	J	NA	
08	BENZO(B)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		1.3		1.4		NA		NA		NA		NA		2.1	J	NA	
08	BENZO(G,H,I)PERYLENE	NA		NA		NA		NA		NA		NA		NA		NA		0.72	J	1.1		NA		NA		NA		NA		5.3	U	NA	
08	BENZO(K)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		1.6		1.8		NA		NA		NA		NA		1.9	J	NA	
08	BENZYL ALCOHOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	BIS(2-CHLOROETHOXY)METHANE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	BIS(2-CHLOROETHYL)ETHER	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	BIS(2-ETHYLHEXYL)PHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		2.8	J	NA	
08	BUTAZOLIDIN	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.2	J	NA		NA		NA		NA		27	U	NA	
08	BUTYLBENZYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		0.57	J	NA	
08	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	CHRYSENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1		1.1		NA		NA		NA		NA		1.4	J	NA	
08	DCDD	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
08	DCDF	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
08	DI-N-BUTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DI-N-OCTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DIALLATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DIBENZ(A,H)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	0.28	J	NA		NA		NA		NA		5.3	U	NA	
08	DIBENZOFURAN	NA		NA		NA		NA		NA		NA		NA		NA		0.097	J	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DIETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DIMETHYLPHENETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DIMETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	DIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ETHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		1.9		2		NA		NA		NA		NA		1.9	J	NA	
08	FLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		0.078	J	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	HEXACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	HEXACHLOROBUTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	HEXACHLOROCYCLOPENTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	HEXACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		230	U	220	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	INDENO(1,2,3-CD)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.55	J	0.83	J	NA		NA		NA		NA		5.3	U	NA	
08	IRGASAN DP-300	NA		NA		NA		NA		NA		NA		NA		NA		1.4	J	5.4	U	NA		NA		NA		NA		27	U	NA	
08	ISOPHORONE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	ISOSAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	METHAPYRILENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	METHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSO-DI-N-BUTYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSO-DI-N-PROPYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSODIETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSODIMETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	N-NITROSOMORPHOLINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSOPIPERIDINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	N-NITROSOPYRROLIDINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	NAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		0.24	J	NA	
08	NITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	P-DIMETHYLAMINOAZOBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	P-PHENYLENEDIAMINE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	PENTACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	PENTACHLORONITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		5.3	U	NA	
08	PENTACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	PHENACETIN	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	PHENANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.81	J	0.94	J	NA		NA		NA		NA		0.77	J	NA	
08	PHENOL	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	PRONAMIDE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	PROPAZINE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		2.3		2.2		NA		NA		NA		NA		1.2	J	NA	
08	PYRIDINE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	SAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		5.3	U	NA	
08	TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	TOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		5.7	U	5.4	U	NA		NA		NA		NA		27	U	NA	
08	TRCDD	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
08	TRCDF	NA		NA		NA		NA		NA		NA		NA		NA		2.3	U	2.2	U	NA		NA		NA		NA		11	U	NA	
8OWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8OWZS	PECDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	PECDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	TCDD	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	
8OWZS	TCDF	NA		NA		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		R		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
SHALLOW OIL
ORGANIC DATA

PM7/27/95

	SITE	AOC13/G38		AOC13/G47		AOC13/I43		AOC13/J11		AOC13/J21		AOC13/J30		AOC13/J35		AOC13/J40		AOC13/J40		AOC13/J45		AOC13/J45		AOC13/K14		AOC13/K26		AOC13/L1		AOC13/L16	
	LOCATOR	SS-G38*II-1		SF-A13-G47(S)*IB-2		SS-I43*II-1		SS-J11*II-1		SS-J21*II-1		SF-A13-J30(S)*IB-1		SF-A13-J35(S)*IB-1		SF-A13-J40(S)*IB-1		SF-A13-J40(S)*IB-2		SS-DUP1*II-1		SS-J45*II-1		SS-K14*II-1		SS-K26*II-1		SS-L1*II-1		SS-L16*II-1	
	SAMPLE NUMBER	4/7/92		3/14/91		4/8/92		4/8/92		4/8/92		11/14/90		11/14/90		11/14/90		3/14/91		4/8/92		4/8/92		4/8/92		4/7/92		4/8/92		4/7/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	4,4'-DDE	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	4,4'-DDT	NA		0.11	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.45	U	NA		NA		NA		NA		NA		NA	
8080S	ALDRIN	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ALPHA-BHC	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ALPHA-CHLORDANE	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	BETA-BHC	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	DIELDRIN	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ENDOSULFAN I	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ENDOSULFAN II	NA		0.16	U	NA		NA		NA		0.33	U	0.35	U	0.33	U	0.68	U	NA		NA		NA		NA		NA		NA	
8080S	ENDOSULFAN SULFATE	NA		0.26	U	NA		NA		NA		0.55	U	0.58	U	0.55	U	1.1	U	NA		NA		NA		NA		NA		NA	
8080S	ENDRIN	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ENDRIN ALDEHYDE	NA		0.11	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.45	U	NA		NA		NA		NA		NA		NA	
8080S	GAMMA-BHC	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	GAMMA-CHLORDANE	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	HEPTACHLOR	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	HEPTACHLOR EPOXIDE	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	ISODRIN	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	KEPONE	NA		0.053	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.23	U	NA		NA		NA		NA		NA		NA	
8080S	METHOXYCHLOR	NA		0.26	U	NA		NA		NA		0.55	U	0.58	U	0.55	U	1.1	U	NA		NA		NA		NA		NA		NA	
8080S	PCB-1016	R		0.53	U	R		0.35	U	0.035	U	1.1	U	1.2	U	1.1	U	2.3	U	R		R		0.19	U	0.17	U	0.35	U	0.18	U
8080S	PCB-1221	R		1.1	U	R		0.72	U	0.071	U	2.2	U	2.3	U	2.2	U	4.5	U	R		R		0.38	U	0.35	U	0.71	U	0.36	U
8080S	PCB-1232	R		1.1	U	R		0.35	U	0.035	U	2.2	U	2.3	U	2.2	U	4.5	U	R		R		0.19	U	0.17	U	0.35	U	0.18	U
8080S	PCB-1242	R		0.53	U	R		0.35	U	0.035	U	1.1	U	1.2	U	1.1	U	2.3	U	R		R		0.19	U	0.17	U	0.35	U	0.18	U
8080S	PCB-1248	5.3	J	0.53	U	2	J	0.35	U	0.22	J	1.1	U	1.2	U	1.1	U	2.3	U	19	J	19	J	0.42		0.17	U	0.35	U	0.3	
8080S	PCB-1254	36	J	6.5		10	J	4.5		0.5		22		37		51		77		30	J	32	J	1.4		3.8		4.3	J	0.75	
8080S	PCB-1260	R		1.1	U	R		0.35	U	0.035	U	2.2	U	2.3	U	2.2	U	4.5	U	R		R		0.19	U	0.17	U	0.35	U	0.18	U
8080S	TOXAPHENE	NA		2.6	U	NA		NA		NA		5.5	U	5.8	U	5.5	U	11	U	NA		NA		NA		NA		NA		NA	
8141S	DIMETHOATE	NA		0.1	U	NA		NA		NA		0.11	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8141S	DISULFOTON	NA		0.1	U	NA		NA		NA		0.11	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8141S	ETHYL PARATHION	NA		0.077	U	NA		NA		NA		0.082	U	0.085	U	0.082	U	0.086	U	NA		NA		NA		NA		NA		NA	
8141S	FAMPHUR	NA		0.26	U	NA		NA		NA		0.27	U	0.28	U	0.016	J	0.29	U	NA		NA		NA		NA		NA		NA	
8141S	METHYL PARATHION	NA		0.015	U	NA		NA		NA		0.016	U	0.017	U	0.016	U	0.017	U	NA		NA		NA		NA		NA		NA	
8141S	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		0.52	U	NA		NA		NA		0.55	U	0.57	U	0.55	U	0.57	U	NA		NA		NA		NA		NA		NA	
8141S	PHORATE	NA		0.077	U	NA		NA		NA		0.082	U	0.085	U	0.082	U	0.086	U	NA		NA		NA		NA		NA		NA	
8141S	SULFOTEPP	NA		0.052	U	NA		NA		NA		0.055	U	0.057	U	0.055	U	0.057	U	NA		NA		NA		NA		NA		NA	
8141S	THIONAZIN	NA		0.52	U	NA		NA		NA		0.55	U	0.57	U	0.55	U	0.57	U	NA		NA		NA		NA		NA		NA	
8151S	2,4,5-T	NA		0.02	U	NA		NA		NA		0.022	U	0.023	U	0.022	U	0.023	U	NA		NA		NA		NA		NA		NA	
8151S	2,4,5-TP (SILVEX)	NA		0.017	U	NA		NA		NA		0.018	U	0.02	U	0.019	U	0.019	U	NA		NA		NA		NA		NA		NA	
8151S	2,4-D	NA		0.12	U	NA		NA		NA		0.13	U	0.14	U	0.13	U	0.14	U	NA		NA		NA		NA		NA		NA	
8151S	DINOSEB	NA		0.015	U	NA		NA		NA		0.004	J	0.017	U	0.0024	J	0.017	U	NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,1,1-TRICHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,1,2,2-TETRACHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,1,2-TRICHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,1-DICHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,1-DICHLOROETHENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,2,3-TRICHLOROPROPANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,2-DIBROMO-3-CHLOROPROPANE	NA		0.41	U	NA		NA		NA		0.44	U	0.47	U	0.44	U	0.46	U	NA		NA		NA		NA		NA		NA	
8240S	1,2-DIBROMOETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,2-DICHLOROETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	1,2-DICHLOROPROPANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	2-BUTANONE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	2-CHLORO-1,3-BUTADIENE	NA		0.52	U	NA		NA		NA		0.56	U	0.58	U	0.56	U	0.57	U	NA		NA		NA		NA		NA		NA	
8240S	2-HEXANONE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	3-CHLOROPROPENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	4-METHYL-2-PENTANONE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	ACETONE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	ACETONITRILE	NA		0.41	U	NA		NA		NA		0.44	U	0.47	U	0.44	U	0.46	U	NA		NA		NA		NA		NA		NA	
8240S	ACROLEIN	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
8240S	ACRYLONITRILE	NA		1	U	NA		NA		NA		1.1	U	1.2	U	1.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8240S	BENZENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	BROMODICHLOROMETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	BROMOFORM	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	BROMOMETHANE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	CARBON DISULFIDE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	CARBON TETRACHLORIDE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	CHLOROBENZENE	NA		0.1	U	NA		NA		NA		0.047	J	0.074	J	0.11	U	0.037	J	NA		NA		NA		NA		NA		NA	
8240S	CHLOROETHANE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	CHLOROFORM	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	CHLOROMETHANE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	CIS-1,3-DICHLOROPROPENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	DIBROMOCHLOROMETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	DIBROMOMETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	DICHLORODIFLUOROMETHANE	NA		0.41	U	NA		NA		NA		0.44	U	0.47	U	0.44	U	0.46	U	NA		NA		NA		NA		NA		NA	
8240S	ETHYL METHACRYLATE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	ETHYLBENZENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.047	J	NA		NA		NA		NA		NA		NA	
8240S	IODOMETHANE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE	NA		0.0072	J	NA		NA		NA		0.054	J	0.046	J	0.11	U	0.17		NA		NA		NA		NA		NA		NA	
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	METHYLENE CHLORIDE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	2.6	U	NA		NA		NA		NA		NA		NA	
8240S	N-OCTANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	O-XYLENE	NA		0.1	U	NA		NA		NA		0.026	J	0.023	J	0.11	U	0.11		NA		NA		NA		NA		NA		NA	
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE	NA		2.1	U	NA		NA		NA		2.2	U	2.3	U	2.2	U	2.3	U	NA		NA		NA		NA		NA		NA	
8240S	STYRENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	TETRACHLOROETHENE	NA		0.069	J	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	TOLUENE	NA		0.022	J	NA		NA		NA		0.046	J	0.046	J	0.11	U	0.42	J	NA		NA		NA		NA		NA		NA	
8240S	TRANS-1,2-DICHLOROETHENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	TRANS-1,3-DICHLOROPROPENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	TRANS-1,4-DICHLORO-2-BUTENE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8240S	TRICHLOROETHENE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	TRICHLOROFLUOROMETHANE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.071	J	NA		NA		NA		NA		NA		NA	
8240S	VINYL ACETATE	NA		0.1	U	NA		NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA	
8240S	VINYL CHLORIDE	NA		0.21	U	NA		NA		NA		0.22	U	0.23	U	0.22	U	0.23	U	NA		NA		NA		NA		NA		NA	
8248S	1,4-DIOXANE	NA		11	U	NA		NA		NA		11	U	12	U	10	U	11	U	NA		NA		NA		NA		NA		NA	
8248S	ISOBUTANOL	NA		11	U	NA		NA		NA		11	U	12	U	10	U	11	U	NA		NA		NA		NA		NA		NA	
8248S	METHACRYLONITRILE	NA		11	U	NA		NA		NA		11	U	12	U	10	U	11	U	NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1,2,4-TRICHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1,2-DICHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	0.12	J	NA		NA		NA		NA		NA		NA	
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1,3-DINITROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1,4-DICHLOROBENZENE	NA		0.24	J	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	1-NAPHTHYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,3,4,6-TETRACHLOROPHENOL	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
8270S	2,4,5-TRICHLOROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,4,6-TRICHLOROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,4-DICHLOROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,4-DIMETHYLPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,4-DINITROPHENOL	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
8270S	2,4-DINITROTOLUENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,6-DICHLOROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2,6-DINITROTOLUENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-ACETYLAMINOFLUORENE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
8270S	2-CHLORONAPHTHALENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-CHLOROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-METHYLNAPHTHALENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-METHYLPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-NAPHTHYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-NITROANILINE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
8270S	2-NITROPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	2-PICOLINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	AOC13/G38		AOC13/G47		AOC13/I43		AOC13/J11		AOC13/J21		AOC13/J30		AOC13/J35		AOC13/J40		AOC13/J40		AOC13/J45		AOC13/J45		AOC13/K14		AOC13/K26		AOC13/L1		AOC13/L16	
	LOCATOR	SS-G38*II-1		SF-A13-G47(S)*IB-2		SS-I43*II-1		SS-J11*II-1		SS-J21*II-1		SF-A13-J30(S)*IB-1		SF-A13-J35(S)*IB-1		SF-A13-J40(S)*IB-1		SF-A13-J40(S)*IB-2		SS-DUP1*II-1		SS-J45*II-1		SS-K14*II-1		SS-K26*II-1		SS-L1*II-1		SS-L16*II-1	
	SAMPLE NUMBER	4/7/92		3/14/91		4/8/92		4/8/92		4/8/92		11/14/90		11/14/90		11/14/90		3/14/91		4/8/92		4/8/92		4/8/92		4/7/92		4/8/92		4/7/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
08	3,3'-DICHLOROBENZIDINE	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
08	3,3'-DIMETHYLBENZIDINE	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
08	3-METHYLCHOLANTHRENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	3-METHYLPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	3-NITROANILINE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	4,6-DINITRO-2-METHYLPHENOL	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	4-AMINOBIPHENYL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-BROMOPHENYL-PHENYLETHER	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-CHLORO-3-METHYLPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-CHLOROANILINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-CHLOROPHENYL-PHENYLETHER	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-METHYLPHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	4-NITROANILINE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	4-NITROPHENOL	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	4-NITROQUINOLINE-N-OXIDE	NA		R		NA		NA		NA		R		56	U	53	U	R		NA		NA		NA		NA		NA		NA	
08	5-NITRO-O-TOLUIDINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	ACENAPHTHENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ACENAPHTHYLENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ACETOPHENONE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ANILINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ANTHRACENE	NA		0.054	J	NA		NA		NA		11	U	0.29	J	0.21	J	0.14	J	NA		NA		NA		NA		NA		NA	
08	ARAMITE	NA		11	U	NA		NA		NA		110	U	56	U	53	U	11	U	NA		NA		NA		NA		NA		NA	
08	BENZO(A)ANTHRACENE	NA		0.3	J	NA		NA		NA		11	U	1.1	J	0.76	J	0.67	J	NA		NA		NA		NA		NA		NA	
08	BENZO(A)PYRENE	NA		0.34	J	NA		NA		NA		11	U	1.1	J	0.72	J	0.59	J	NA		NA		NA		NA		NA		NA	
08	BENZO(B)FLUORANTHENE	NA		0.52	J	NA		NA		NA		11	U	0.87	J	5.3	U	0.89	J	NA		NA		NA		NA		NA		NA	
08	BENZO(G,H,I)PERYLENE	NA		0.31	J	NA		NA		NA		11	U	0.89	J	0.79	J	0.67	J	NA		NA		NA		NA		NA		NA	
08	BENZO(K)FLUORANTHENE	NA		0.66	J	NA		NA		NA		11	U	1.1	J	5.3	U	1.1		NA		NA		NA		NA		NA		NA	
08	BENZYL ALCOHOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	BIS(2-CHLOROETHOXY)METHANE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	BIS(2-CHLOROETHYL)ETHER	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	BIS(2-ETHYLHEXYL)PHTHALATE	NA		1.1	U	NA		NA		NA		1.7	J	1.8	J	4.1	J	1.1	U	NA		NA		NA		NA		NA		NA	
08	BUTAZOLIDIN	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	BUTYLBENZYLPHTHALATE	NA		1.1	U	NA		NA		NA		11	U	0.84	J	0.83	J	1.1	U	NA		NA		NA		NA		NA		NA	
08	CHLOROBENZILATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	CHRYSENE	NA		0.32	J	NA		NA		NA		11	U	1.1	J	0.91	J	0.66	J	NA		NA		NA		NA		NA		NA	
08	DCDD	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
08	DCDF	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
08	DI-N-BUTYLPHTHALATE	NA		1.1	U	NA		NA		NA		1.3	J	0.56	J	0.4	J	1.1	U	NA		NA		NA		NA		NA		NA	
08	DI-N-OCTYLPHTHALATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	DIALLATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	DIBENZA,HANTHRACENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	0.2	J	NA		NA		NA		NA		NA		NA	
08	DIBENZOFURAN	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	0.073	J	NA		NA		NA		NA		NA		NA	
08	DIETHYLPHTHALATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	DIMETHYLPHENETHYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	DIMETHYLPHTHALATE	NA		1.1	U	NA		NA		NA		11	U	0.25	J	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	DIPHENYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ETHYL METHANESULFONATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	FLUORANTHENE	NA		0.46	J	NA		NA		NA		0.83	J	2.3	J	1.6	J	0.91	J	NA		NA		NA		NA		NA		NA	
08	FLUORENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	0.061	J	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROBUTADIENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROCYCLOPENTADIENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROETHANE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROPHENE	NA		210	U	NA		NA		NA		NA		NA		NA		230	U	NA		NA		NA		NA		NA		NA	
08	HEXACHLOROPROPENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	INDENO(1,2,3-CD)PYRENE	NA		0.29	J	NA		NA		NA		11	U	0.68	J	5.3	U	0.46	J	NA		NA		NA		NA		NA		NA	
08	IRGASAN DP-300	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	ISOPHORONE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	ISOSAFROLE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	METHAPYRILENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	METHYL METHANESULFONATE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSO-DI-N-BUTYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSO-DI-N-PROPYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	R		1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSODIETHYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSODIMETHYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSODIPHENYLAMINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	N-NITROSOMORPHOLINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSOPIPERIDINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	N-NITROSOPYRROLIDINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	NAPHTHALENE	NA		1.1	U	NA		NA		NA		11	U	0.26	J	0.24	J	1.1	U	NA		NA		NA		NA		NA		NA	
08	NITROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	O-TOLUIDINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	P-DIMETHYLAMINOAZOBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	P-PHENYLENEDIAMINE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	PENTACHLOROBENZENE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	PENTACHLOROETHANE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	PENTACHLORONITROBENZENE	NA		R		NA		NA		NA		11	U	5.6	U	5.3	U	R		NA		NA		NA		NA		NA		NA	
08	PENTACHLOROPHENOL	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	PHENACETIN	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	PHENANTHRENE	NA		0.21	J	NA		NA		NA		11	U	0.8	J	0.78	J	0.62	J	NA		NA		NA		NA		NA		NA	
08	PHENOL	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	PRONAMIDE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	PROPAZINE	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	PYRENE	NA		0.49	J	NA		NA		NA		11	U	1.7	J	1.1	J	1	J	NA		NA		NA		NA		NA		NA	
08	PYRIDINE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	SAFROLE	NA		1.1	U	NA		NA		NA		11	U	5.6	U	5.3	U	1.1	U	NA		NA		NA		NA		NA		NA	
08	TINUVIN 327	NA		5.3	U	NA		NA		NA		5.2	J	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
08	TOFRANIL	NA		5.3	U	NA		NA		NA		54	U	28	U	27	U	5.7	U	NA		NA		NA		NA		NA		NA	
08	TRCDD	NA		2.1	U	NA		NA		NA		22	U	11	U	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
08	TRCDF	NA		2.1	U	NA		NA		NA		22	U	1.3	J	11	U	2.3	U	NA		NA		NA		NA		NA		NA	
WZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	2,3,7,8-TCDD	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	HXCDD	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	HXCDF	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
WZS	PECDD	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	PECDF	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	TCDD	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	
WZS	TCDF	NA		R		NA		NA		NA		R		R		R		R		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODU[illegible]REA
SHALL[illegible]OIL
ORGANIC DATA

PM7/27/95

	SITE	AOC13/L32		AOC13/L37		AOC13/L48		AOC13/M22		AOC13/M42		AOC13/N13		AOC13/N13		AOC13/N29		AOC13/N35		AOC13/O10		AOC13/O10		AOC13/O17		AOC13/O25		AOC13/O44		AOC13/O44	
	LOCATOR	SF-A13-L32(S)*1B-2		SF-A13-L37(S)*1B-2		SS-L48*II-1		SS-M22*II-1		SS-M42*II-1		SS-DUP2*II-1		SS-N13*II-1		SS-N29*II-1		SS-N35*II-1		SF-A13-O10(S)*1B-1		SF-A13-O10(S)*1B-2		SS-O17*II-1		SF-A13-O25(S)*1B-1		SF-O44*II-1		SS-O44*II-1	
	SAMPLE NUMBER		3/15/91		3/15/91		4/6/92		4/7/92		4/6/92		4/7/92		4/7/92		4/7/92		4/7/92		11/14/90		3/14/91		4/7/92		12/6/90		8/4/93		4/6/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
80808	4,4'-DDD	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.4	U	NA	
80808	4,4'-DDE	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.4	U	NA	
80808	4,4'-DDT	0.11	U	0.021	U	NA		NA		NA		NA		NA		NA		NA		0.022	U	0.021	U	NA		0.0022	U	1.4	U	NA	
80808	ALDRIN	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	ALPHA-BHC	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	ALPHA-CHLORDANE	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	BETA-BHC	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		7.5	U	NA	
80808	DELTA-BHC	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	DIELDRIN	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.4	U	NA	
80808	ENDOSULFAN I	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	ENDOSULFAN II	0.17	U	0.032	U	NA		NA		NA		NA		NA		NA		NA		0.033	U	0.031	U	NA		0.0032	U	1.4	U	NA	
80808	ENDOSULFAN SULFATE	0.28	U	0.063	U	NA		NA		NA		NA		NA		NA		NA		0.064	U	0.062	U	NA		0.0064	U	1.4	U	NA	
80808	ENDRIN	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.4	U	NA	
80808	ENDRIN ALDEHYDE	0.11	U	0.021	U	NA		NA		NA		NA		NA		NA		NA		0.022	U	0.021	U	NA		0.0022	U	1.4	U	NA	
80808	GAMMA-BHC	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0033	J	0.75	U	NA	
80808	GAMMA-CHLORDANE	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.7	J	NA	
80808	HEPTACHLOR	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	HEPTACHLOR EPOXIDE	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	0.75	U	NA	
80808	ISODRIN	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	1.4	U	NA	
80808	KEPONE	0.055	U	0.011	U	NA		NA		NA		NA		NA		NA		NA		0.011	U	0.01	U	NA		0.0011	U	7.5	U	NA	
80808	METHOXYCHLOR	0.28	U	0.053	U	NA		NA		NA		NA		NA		NA		NA		0.054	U	0.052	U	NA		0.0054	U	7.5	U	NA	
80808	PCB-1016	0.55	U	0.11	U	0.036	U	R		R		R		R		R		R		0.11	U	0.1	U	0.37	U	0.011	U	14	U	R	
80808	PCB-1221	1.1	U	0.21	U	0.071	U	R		R		R		R		R		R		0.22	U	0.21	U	0.74	U	0.022	U	24	U	R	
80808	PCB-1232	1.1	U	0.21	U	0.035	U	R		R		R		R		R		R		0.22	U	0.21	U	0.37	U	0.022	U	14	U	R	
80808	PCB-1242	0.55	U	0.11	U	0.035	U	R		R		R		R		R		R		0.11	U	0.1	U	0.37	U	0.011	U	14	U	R	
80808	PCB-1248	0.55	U	0.11	U	0.32		R		28	J	5.6	J	5.9	J	3.4	J	0.02	J	0.11	U	0.1	U	6.1		0.011	U	150		430	J
80808	PCB-1254	22		4.7		0.64		37	J	61	J	31	J	26	J	25	J	0.31	J	4		5.8		11		1.4	J	14	U	R	
80808	PCB-1260	1.1	U	0.21	U	0.035	U	R		R		R		R		R		R		0.22	U	0.21	U	0.37	U	0.022	U	14	U	R	
80808	TOXAPHENE	2.8	U	0.53	U	NA		NA		NA		NA		NA		NA		NA		0.54	U	0.52	U	NA		0.054	U	14	U	NA	
81425	DIMETHOATE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
81425	DISULFOTON	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
81425	ETHYL PARATHION	0.084	U	0.081	U	NA		NA		NA		NA		NA		NA		NA		0.08	U	0.078	U	NA		0.082	U	NA		NA	
81425	FAMPHUR	0.28	U	0.27	U	NA		NA		NA		NA		NA		NA		NA		0.27	U	0.26	U	NA		0.27	U	NA		NA	
81425	METHYL PARATHION	0.017	U	0.016	U	NA		NA		NA		NA		NA		NA		NA		0.016	U	0.016	U	NA		0.016	U	NA		NA	
81425	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.56	U	0.54	U	NA		NA		NA		NA		NA		NA		NA		0.53	U	0.52	U	NA		0.54	U	NA		NA	
81425	PHORATE	0.084	U	0.081	U	NA		NA		NA		NA		NA		NA		NA		0.08	U	0.078	U	NA		0.082	U	NA		NA	
81425	SULPOTEPP	0.056	U	0.054	U	NA		NA		NA		NA		NA		NA		NA		0.053	U	0.052	U	NA		0.054	U	NA		NA	
81425	THIONAZIN	0.56	U	0.54	U	NA		NA		NA		NA		NA		NA		NA		0.53	U	0.52	U	NA		0.54	U	NA		NA	
81525	2,4,5-T	0.022	U	0.021	U	NA		NA		NA		NA		NA		NA		NA		0.022	U	0.021	U	NA		0.022	U	NA		NA	
81525	2,4,5-TP (SILVEX)	0.019	U	0.018	U	NA		NA		NA		NA		NA		NA		NA		0.018	U	0.018	U	NA		0.019	U	NA		NA	
81525	2,4-D	0.13	U	0.13	U	NA		NA		NA		NA		NA		NA		NA		0.13	U	0.13	U	NA		0.13	U	NA		NA	
81525	DINOSEB	0.017	U	0.016	U	NA		NA		NA		NA		NA		NA		NA		0.016	U	0.016	U	NA		0.016	U	NA		NA	
82408	1,1,1,2-TETRACHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,1,1-TRICHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,1,2,2-TETRACHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,1,2-TRICHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,1-DICHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,1-DICHLOROETHENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,2,3-TRICHLOROPROPANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,2-DIBROMO-3-CHLOROPROPANE	0.45	U	0.43	U	NA		NA		NA		NA		NA		NA		NA		0.44	U	0.41	U	NA		0.44	U	NA		NA	
82408	1,2-DIBROMOETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,2-DICHLOROETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	1,2-DICHLOROPROPANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	2-BUTANONE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	2-CHLORO-1,3-BUTADIENE	0.56	U	0.54	U	NA		NA		NA		NA		NA		NA		NA		0.55	U	0.51	U	NA		0.54	U	NA		NA	
82408	2-HEXANONE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	3-CHLOROPROPENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	4-METHYL-2-PENTANONE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	ACETONE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	ACETONITRILE	0.45	U	0.43	U	NA		NA		NA		NA		NA		NA		NA		0.44	U	0.41	U	NA		0.43	U	NA		NA	
82408	ACROLEIN	R		R		NA		NA		NA		NA		NA		NA		NA		R		R		NA		R		NA		NA	
82408	ACRYLONITRILE	1.1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		1.1	U	1	U	NA		1.1	U	NA		NA	
82408	BENZENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	BROMODICHLOROMETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	BROMOFORM	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	BROMOMETHANE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	CARBON DISULFIDE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	CARBON TETRACHLORIDE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	CHLOROBENZENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	CHLOROETHANE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	CHLOROFORM	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	CHLOROMETHANE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	CIS-1,3-DICHLOROPROPENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	DIBROMOCHLOROMETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	DIBROMOMETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	DICHLORODIFLUOROMETHANE	0.45	U	0.43	U	NA		NA		NA		NA		NA		NA		NA		0.44	U	0.41	U	NA		0.44	U	NA		NA	
82408	ETHYL METHACRYLATE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	ETHYLBENZENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.0063	J	NA		0.058	J	NA		NA	
82408	IODOMETHANE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82408	M&P-XYLENE	0.026	J	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.045	J	0.023	J	NA		0.27		NA		NA	
82408	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82408	METHYL METHACRYLATE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	METHYLENE CHLORIDE	0.62	U	0.33	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.23	U	NA		0.15	U	NA		NA	
82408	N-OCTANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82408	O-XYLENE	0.0093	J	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.025	J	0.012	J	NA		0.054	J	NA		NA	
82408	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82408	PROPANENITRILE	2.2	U	2.2	U	NA		NA		NA		NA		NA		NA		NA		2.2	U	2	U	NA		2.2	U	NA		NA	
82408	STYRENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	TETRACHLOROETHENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	TOLUENE	0.47	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.018	J	NA		0.11	U	NA		NA	
82408	TRANS-1,2-DICHLOROETHENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	TRANS-1,3-DICHLOROPROPENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	TRANS-1,4-DICHLORO-2-BUTENE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	TRICHLOROETHENE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	TRICHLOROFLUOROMETHANE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	VINYL ACETATE	0.11	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	NA		0.11	U	NA		NA	
82408	VINYL CHLORIDE	0.22	U	0.22	U	NA		NA		NA		NA		NA		NA		NA		0.22	U	0.2	U	NA		0.22	U	NA		NA	
82408	1,4-DIOXANE	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		11	U	10	U	NA		11	U	NA		NA	
82408	ISOBUTANOL	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		11	U	10	U	NA		11	U	NA		NA	
82408	METHACRYLONITRILE	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		11	U	10	U	NA		11	U	NA		NA	
82705	1,2,4,5-TETRACHLOROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,2,4-TRICHLOROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,2-DICHLOROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82705	1,3-DICHLOROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,3-DINITROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,4-DICHLOROBENZENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
82705	1,4-NAPHTHOQUINONE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	1-NAPHTHYLAMINE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,2'-OXYBIS(1-CHLOROPROPANE)	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,3,4,6-TETRACHLOROPHENOL	2.2	U	2	U	NA		NA		NA		NA		NA		NA		NA		22	U	2.1	U	NA		2.1	U	NA		NA	
82705	2,4,5-TRICHLOROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,4,6-TRICHLOROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,4-DICHLOROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,4-DIMETHYLPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,4-DINITROPHENOL	5.4	U	5.1	U	NA		NA		NA		NA		NA		NA		NA		54	U	5.2	U	NA		5.3	U	NA		NA	
82705	2,4-DINITROTOLUENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,6-DICHLOROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2,6-DINITROTOLUENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-ACETYLAMINOFLUORENE	5.4	U	5.1	U	NA		NA		NA		NA		NA		NA		NA		54	U	5.2	U	NA		5.3	U	NA		NA	
82705	2-CHLORONAPHTHALENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-CHLOROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-METHYLNAPHTHALENE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-METHYLPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-NAPHTHYLAMINE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-NITROANILINE	5.4	U	5.1	U	NA		NA		NA		NA		NA		NA		NA		54	U	5.2	U	NA		5.3	U	NA		NA	
82705	2-NITROPHENOL	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	2-PICOLINE	1.1	U	1	U	NA		NA		NA		NA		NA		NA		NA		11	U	1	U	NA		1.1	U	NA		NA	
82705	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
SHALLOW OIL
ORGANIC DATA

PM7/27/95

	SITE	AOC13/L32		AOC13/L37		AOC13/L48	AOC13/M22	AOC13/M42	AOC13/N13	AOC13/N13	AOC13/N29	AOC13/N35	AOC13/O10	AOC13/O10	AOC13/O17	AOC13/O25	AOC13/O44	AOC13/O44
	LOCATOR	SF-A13-L32(S)*IB-2		SF-A13-L37(S)*IB-2		SS-L48*II-1	SS-M22*II-1	SS-M42*II-1	SS-DUP2*II-1	SS-N13*II-1	SS-N29*II-1	SS-N35*II-1	SF-A13-O10(S)*IB-1	SF-A13-O10(S)*IB-2	SS-O17*II-1	SF-A13-O25(S)*IB-1	SF-O44*II-1	SS-O44*II-1
	SAMPLE NUMBER		3/15/91		3/16/91	4/6/92	4/7/92	4/6/92	4/7/92	4/7/92	4/7/92	4/7/92	11/14/90	3/14/91	4/7/92	12/6/90	8/4/93	4/6/92
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1
		Result	Q	Result	Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
82706	3,3'-DICHLOROBENZIDINE	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
82706	3,3'-DIMETHYLBENZIDINE	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
82706	3-METHYLCHOLANTHRENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	3-METHYLPHENOL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	3-NITROANILINE	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	4,6-DINITRO-2-METHYLPHENOL	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	4-AMINOBIPHENYL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-BROMOPHENYL-PHENYLETHER	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-CHLORO-3-METHYLPHENOL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-CHLOROANILINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-CHLOROPHENYL-PHENYLETHER	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-METHYLPHENOL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	4-NITROANILINE	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	4-NITROPHENOL	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	4-NITROQUINOLINE-N-OXIDE		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
82706	5-NITRO-O-TOLUIDINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	7,12-DIMETHYLBENZ(A)ANTHRACENE	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	ACENAPHTHENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ACENAPHTHYLENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ACETOPHENONE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ANILINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ANTHRACENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ARAMITE	11	U	10	U	NA	NA	NA	NA	NA	NA	NA	110 U	10 U	NA	11 U	NA	NA
82706	BENZO(A)ANTHRACENE	0.84	J	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1.6	NA	0.16 J	NA	NA
82706	BENZO(A)PYRENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1.7	NA	0.2 J	NA	NA
82706	BENZO(B)FLUORANTHENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	4.3	NA	0.36 J	NA	NA
82706	BENZO(G,H,I)PERYLENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	2.9	NA	1.1 U	NA	NA
82706	BENZO(K)FLUORANTHENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	5.6	NA	0.45 J	NA	NA
82706	BENZYL ALCOHOL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	BIS(2-CHLOROETHOXY)METHANE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	BIS(2-CHLOROETHYL)ETHER	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	BUTAZOLIDIN	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	BUTYLBENZYLPHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	CHLOROBENZILATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	CHRYSENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	2	NA	0.19 J	NA	NA
82706	DCDD	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
82706	DCDF	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
82706	DI-N-BUTYLPHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DI-N-OCTYLPHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DIALLATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DIBENZ(A,H)ANTHRACENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	0.68 J	NA	1.1 U	NA	NA
82706	DIBENZOFURAN	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DIETHYLPHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DIMETHYLPHENETHYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DIMETHYLPHTHALATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	DINOSEB	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
82706	DIPHENYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ETHYL METHANESULFONATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	FLUORANTHENE	0.46	J	0.34	J	NA	NA	NA	NA	NA	NA	NA	11 U	1.1	NA	0.14 J	NA	NA
82706	FLUORENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	HEXACHLOROBENZENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	HEXACHLOROBUTADIENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	HEXACHLOROCYCLOPENTADIENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	HEXACHLOROETHANE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	HEXACHLOROPHENE	220	U	200	U	NA	NA	NA	NA	NA	NA	NA	NA	210 U	NA	NA	NA	NA
82706	HEXACHLOROPROPENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	INDENO(1,2,3-CD)PYRENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	2.3	NA	1.1 U	NA	NA
82706	IRGASAN DP-300	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	ISOPHORONE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	ISOSAFROLE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	METHAPYRILENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	METHYL METHANESULFONATE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSO-DI-N-BUTYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSO-DI-N-PROPYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSODIETHYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSODIMETHYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSODIPHENYLAMINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
82706	N-NITROSOMORPHOLINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSOPIPERIDINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	N-NITROSOPYRROLIDINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	NAPHTHALENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	0.18 J	NA	NA
82706	NITROBENZENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
82706	O-TOLUIDINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	P-DIMETHYLAMINOAZOBENZENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	P-PHENYLENEDIAMINE	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	PENTACHLOROBENZENE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PENTACHLOROETHANE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PENTACHLORONITROBENZENE		R		R	NA	NA	NA	NA	NA	NA	NA	11 U	R	NA	1.1 U	NA	NA
82706	PENTACHLOROPHENOL	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	PHENACETIN	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PHENANTHRENE	0.18	J	0.2	J	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PHENOL	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PRONAMIDE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	PROPAZINE	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	PYRENE	0.5	J	0.34	J	NA	NA	NA	NA	NA	NA	NA	11 U	1.3	NA	0.14 J	NA	NA
82706	PYRIDINE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	SAFROLE	1.1	U	1	U	NA	NA	NA	NA	NA	NA	NA	11 U	1 U	NA	1.1 U	NA	NA
82706	TINUVIN 327	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	TINUVIN 328	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
82706	TOFRANIL	5.4	U	5.1	U	NA	NA	NA	NA	NA	NA	NA	54 U	5.2 U	NA	5.3 U	NA	NA
82706	TRCDD	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
82706	TRCDF	2.2	U	2	U	NA	NA	NA	NA	NA	NA	NA	22 U	2.1 U	NA	2.1 U	NA	NA
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	2,3,7,8-TCDD		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	2,3,7,8-TCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	HPCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	HPCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	HXCDD		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	HXCDF		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	OCDD	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	OCDF	NA		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS	PECDD		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	PECDF		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	TCDD		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA
SOWZS	TCDF		R		R	NA	NA	NA	NA	NA	NA	NA	R	R	NA	R	NA	NA

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	AOC13/O7		AOC13/Q22		AOC13/Q27		AOC13/Q38		AOC13/Q42		AOC13/R12		AOC13/R31		AOC13/S15		AOC13/S34		AOC13/T10		AOC13/T10		AOC13/T20		AOC13/U17		AOC13/U28		AOC13/U36		AOC13/V23		AOC13/W13
	LOCATOR	SS-O7*II-1		SS-Q22*II-1		SF-A13-Q27(S)*IB-2		SS-Q38*II-1		SS-Q42*II-1		SS-R12*II-1		SS-R31*II-1		SS-S15*II-1		SS-S34*II-1		SF-A13-T10(S)*IB-1		SF-A13-T10(S)*IB-2		SS-T20*II-1		SS-U17*II-1		SS-U28*II-1		SS-U36*II-1		SS-V23*II-1		SS-DUP3*II-1
	SAMPLE NUMBER	4/8/92		4/7/92		3/15/91		4/6/92		4/6/92		4/8/92		4/7/92		4/8/92		4/7/92		11/14/90		3/14/91		4/8/92		4/8/92		4/8/92		4/6/92		4/8/92		4/8/92
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
8080S	4,4'-DDD	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	4,4'-DDE	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	4,4'-DDT	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.021	U	0.022	U	NA		NA		NA		NA		NA
8080S	ALDRIN	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	ALPHA-BHC	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.0099	J	0.011	U	NA		NA		NA		NA		NA
8080S	ALPHA-CHLORDANE	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	BETA-BHC	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8080S	DELTA-BHC	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	DIELDRIN	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	ENDOSULFAN I	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	ENDOSULFAN II	NA		NA		0.24	U	NA		NA		NA		NA		NA		NA		0.031	U	0.033	U	NA		NA		NA		NA		NA
8080S	ENDOSULFAN SULFATE	NA		NA		0.57	U	NA		NA		NA		NA		NA		NA		0.052	U	0.055	U	NA		NA		NA		NA		NA
8080S	ENDRIN	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	ENDRIN ALDEHYDE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.021	U	0.022	U	NA		NA		NA		NA		NA
8080S	GAMMA-BHC	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	GAMMA-CHLORDANE	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	HEPTACHLOR	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	HEPTACHLOR EPOXIDE	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	ISODRIN	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	KEPONE	NA		NA		0.11	U	NA		NA		NA		NA		NA		NA		0.01	U	0.011	U	NA		NA		NA		NA		NA
8080S	METHOXYCHLOR	NA		NA		0.57	U	NA		NA		NA		NA		NA		NA		0.052	U	0.055	U	NA		NA		NA		NA		NA
8080S	PCB-1016	0.034	U	R		1.1	U	0.068	U	0.036	U	0.035	U	0.034	U	0.035	U	R		0.1	U	0.11	U	R		0.036	U	0.35	U	R		0.036	U	0.035
8080S	PCB-1221	0.069	U	R		2.3	U	0.14	U	0.073	U	0.072	U	0.068	U	0.072	U	R		0.21	U	0.22	U	R		0.072	U	0.71	U	R		0.074	U	0.07
8080S	PCB-1232	0.034	U	R		2.3	U	0.068	U	0.036	U	0.035	U	0.034	U	0.035	U	R		0.21	U	0.22	U	R		0.036	U	0.35	U	R		0.036	U	0.035
8080S	PCB-1242	0.034	U	R		1.1	U	0.068	U	0.036	U	0.035	U	0.034	U	0.035	U	R		0.1	U	0.11	U	R		0.036	U	0.35	U	R		0.036	U	0.035
8080S	PCB-1248	0.034	U	R		1.1	U	0.068	U	0.065		0.035	U	0.034	U	0.035	U	4.4	J	0.1	U	0.11	U	R		0.036	U	0.35	U	4.1	J	0.036	U	0.035
8080S	PCB-1254	0.46		35	J	30		0.78		0.16		0.86		0.21		1.1		35	J	2.7		1.8		58	J	0.036	U	5.6		31	J	0.4		0.043
8080S	PCB-1260	0.034	U	R		2.3	U	0.068	U	0.036	U	0.035	U	0.034	U	0.035	U	R		0.21	U	0.22	U	R		0.036	U	0.35	U	R		0.036	U	0.035
8080S	TOXAPHENE	NA		NA		5.7	U	NA		NA		NA		NA		NA		NA		0.52	U	0.55	U	NA		NA		NA		NA		NA		NA
8140S	DIMETHOATE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8140S	DISULFOTON	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8140S	ETHYL PARATHION	NA		NA		0.087	U	NA		NA		NA		NA		NA		NA		0.079	U	0.08	U	NA		NA		NA		NA		NA		NA
8140S	FAMPHUR	NA		NA		0.29	U	NA		NA		NA		NA		NA		NA		0.26	U	0.27	U	NA		NA		NA		NA		NA		NA
8140S	METHYL PARATHION	NA		NA		0.017	U	NA		NA		NA		NA		NA		NA		0.016	U	0.016	U	NA		NA		NA		NA		NA		NA
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		0.58	U	NA		NA		NA		NA		NA		NA		0.52	U	0.54	U	NA		NA		NA		NA		NA		NA
8140S	PHORATE	NA		NA		0.087	U	NA		NA		NA		NA		NA		NA		0.079	U	0.08	U	NA		NA		NA		NA		NA		NA
8140S	SULFOTEPP	NA		NA		0.058	U	NA		NA		NA		NA		NA		NA		0.052	U	0.054	U	NA		NA		NA		NA		NA		NA
8140S	THIONAZIN	NA		NA		0.58	U	NA		NA		NA		NA		NA		NA		0.52	U	0.54	U	NA		NA		NA		NA		NA		NA
8150S	2,4,5-T	NA		NA		0.022	U	NA		NA		NA		NA		NA		NA		0.021	U	0.021	U	NA		NA		NA		NA		NA		NA
8150S	2,4,5-TP (SILVEX)	NA		NA		0.019	U	NA		NA		NA		NA		NA		NA		0.018	U	0.018	U	NA		NA		NA		NA		NA		NA
8150S	2,4-D	NA		NA		0.13	U	NA		NA		NA		NA		NA		NA		0.12	U	0.13	U	NA		NA		NA		NA		NA		NA
8150S	DINOSEB	NA		NA		0.017	U	NA		NA		NA		NA		NA		NA		0.016	U	0.016	U	NA		NA		NA		NA		NA		NA
8240S	1,1,1,2-TETRACHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,1,1-TRICHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,1,2,2-TETRACHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,1,2-TRICHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,1-DICHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,1-DICHLOROETHENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,2,3-TRICHLOROPROPANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,2-DIBROMO-3-CHLOROPROPANE	NA		NA		0.47	U	NA		NA		NA		NA		NA		NA		0.42	U	0.43	U	NA		NA		NA		NA		NA		NA
8240S	1,2-DIBROMOETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,2-DICHLOROETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	1,2-DICHLOROPROPANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	2-BUTANONE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	2-CHLORO-1,3-BUTADIENE	NA		NA		0.58	U	NA		NA		NA		NA		NA		NA		0.53	U	0.54	U	NA		NA		NA		NA		NA		NA
8240S	2-HEXANONE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	3-CHLOROPROPENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	4-METHYL-2-PENTANONE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	ACETONE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	ACETONITRILE	NA		NA		0.47	U	NA		NA		NA		NA		NA		NA		0.42	U	0.43	U	NA		NA		NA		NA		NA		NA
8240S	ACROLEIN	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA
8240S	ACRYLONITRILE	NA		NA		1.2	U	NA		NA		NA		NA		NA		NA		1.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8240S	BENZENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	BROMODICHLOROMETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	BROMOFORM	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	BROMOMETHANE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	CARBON DISULFIDE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	CARBON TETRACHLORIDE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	CHLOROBENZENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.086	J	0.11	U	NA		NA		NA		NA		NA		NA
8240S	CHLOROETHANE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	CHLOROFORM	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.034	J	NA		NA		NA		NA		NA		NA
8240S	CHLOROMETHANE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	CIS-1,3-DICHLOROPROPENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	DIBROMOCHLOROMETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	DIBROMOMETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	DICHLORODIFLUOROMETHANE	NA		NA		0.47	U	NA		NA		NA		NA		NA		NA		0.42	U	0.43	U	NA		NA		NA		NA		NA		NA
8240S	ETHYL METHACRYLATE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	ETHYLBENZENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.038	J	NA		NA		NA		NA		NA		NA
8240S	IODOMETHANE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8240S	M&P-XYLENE	NA		NA		0.067	J	NA		NA		NA		NA		NA		NA		0.065	J	0.1	J	NA		NA		NA		NA		NA		NA
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8240S	METHYL METHACRYLATE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	METHYLENE CHLORIDE	NA		NA		0.6	U	NA		NA		NA		NA		NA		NA		0.1	U	0.28	U	NA		NA		NA		NA		NA		NA
8240S	N-OCTANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8240S	O-XYLENE	NA		NA		0.032	J	NA		NA		NA		NA		NA		NA		0.022	J	0.031	J	NA		NA		NA		NA		NA		NA
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8240S	PROPANENITRILE	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		2.1	U	2.2	U	NA		NA		NA		NA		NA		NA
8240S	STYRENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	TETRACHLOROETHENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	TOLUENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.027	J	0.039	J	NA		NA		NA		NA		NA		NA
8240S	TRANS-1,2-DICHLOROETHENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	TRANS-1,3-DICHLOROPROPENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	TRANS-1,4-DICHLORO-2-BUTENE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	TRICHLOROETHENE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	TRICHLOROFLUOROMETHANE	NA		NA		0.29		NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240S	VINYL ACETATE	NA		NA		0.12	U	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	NA		NA		NA		NA		NA		NA
8240S	VINYL CHLORIDE	NA		NA		0.23	U	NA		NA		NA		NA		NA		NA		0.21	U	0.22	U	NA		NA		NA		NA		NA		NA
8240DS	1,4-DIOXANE	NA		NA		12	U	NA		NA		NA		NA		NA		NA		10	U	11	U	NA		NA		NA		NA		NA		NA
8240DS	ISOBUTANOL	NA		NA		12	U	NA		NA		NA		NA		NA		NA		10	U	11	U	NA		NA		NA		NA		NA		NA
8240DS	METHACRYLONITRILE	NA		NA		12	U	NA		NA		NA		NA		NA		NA		10	U	11	U	NA		NA		NA		NA		NA		NA
8270S	1,2,4,5-TETRACHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,2,4-TRICHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,2-DICHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8270S	1,3-DICHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,3-DINITROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,4-DICHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
8270S	1,4-NAPHTHOQUINONE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	1-NAPHTHYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,3,4,6-TETRACHLOROPHENOL	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA
8270S	2,4,5-TRICHLOROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,4,6-TRICHLOROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,4-DICHLOROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,4-DIMETHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,4-DINITROPHENOL	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA
8270S	2,4-DINITROTOLUENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,6-DICHLOROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2,6-DINITROTOLUENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-ACETYLAMINOFLUORENE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA
8270S	2-CHLORONAPHTHALENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-CHLOROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-METHYLNAPHTHALENE	NA		NA		0.38	J	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-NAPHTHYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-NITROANILINE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA
8270S	2-NITROPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	2-PICOLINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
SHALLOW SOIL
ORGANIC DATA

PM7/27/95

	SITE	AOC13/O7		AOC13/Q22		AOC13/Q27		AOC13/Q36		AOC13/Q42		AOC13/R12		AOC13/R31		AOC13/S16		AOC13/S34		AOC13/T10		AOC13/T10		AOC13/T20		AOC13/U17		AOC13/U28		AOC13/U36		AOC13/V23		AOC13/W13	
	LOCATOR	SS-O7*II-1		SS-Q22*II-1		SF-A13-Q27(S)*IB-2		SS-Q38*II-1		SS-Q42*II-1		SS-R12*II-1		SS-R31*II-1		SS-S15*II-1		SS-S34*II-1		SF-A13-T10(S)*IB-1		SF-A13-T10(S)*IB-2		SS-T20*II-1		SS-U17*II-1		SS-U28*II-1		SS-U36*II-1		SS-V23*II-1		SS-DUP3*II-1	
	SAMPLE NUMBER	4/8/92		4/7/92		3/15/91		4/6/92		4/6/92		4/8/92		4/7/92		4/8/92		4/7/92		11/14/90		3/14/91		4/8/92		4/8/92		4/8/92		4/8/92		4/8/92	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8	3,3'-DICHLOROBENZIDINE	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	3,3'-DIMETHYLBENZIDINE	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	3-METHYLCHOLANTHRENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	3-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	3-NITROANILINE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	4,6-DINITRO-2-METHYLPHENOL	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	4-AMINOBIPHENYL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	4-BROMOPHENYL-PHENYLETHER	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	4-CHLORO-3-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	4-CHLOROANILINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	4-CHLOROPHENYL-PHENYLETHER	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	4-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.24	J	NA		NA		NA		NA		NA		NA	
8	4-NITROANILINE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	4-NITROPHENOL	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	4-NITROQUINOLINE-N-OXIDE	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA	
8	5-NITRO-O-TOLUIDINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	ACENAPHTHENE	NA		NA		0.14	J	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	ACENAPHTHYLENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.043	J	NA		NA		NA		NA		NA		NA	
8	ACETOPHENONE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	ANILINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	ANTHRACENE	NA		NA		0.23	J	NA		NA		NA		NA		NA		NA		0.36	J	0.16	J	NA		NA		NA		NA		NA		NA	
8	ARAMITE	NA		NA		11	U	NA		NA		NA		NA		NA		NA		51	U	11	U	NA		NA		NA		NA		NA		NA	
8	BENZO(A)ANTHRACENE	NA		NA		0.44	J	NA		NA		NA		NA		NA		NA		0.92	J	1.3		NA		NA		NA		NA		NA		NA	
8	BENZO(A)PYRENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.3		NA		NA		NA		NA		NA		NA	
8	BENZO(B)FLUORANTHENE	NA		NA		0.73	J	NA		NA		NA		NA		NA		NA		2	J	2		NA		NA		NA		NA		NA		NA	
8	BENZO(G,H,I)PERYLENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.99	J	NA		NA		NA		NA		NA		NA	
8	BENZO(K)FLUORANTHENE	NA		NA		0.88	J	NA		NA		NA		NA		NA		NA		1.8	J	2.6		NA		NA		NA		NA		NA		NA	
8	BENZYL ALCOHOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	BIS(2-CHLOROETHOXY)METHANE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	BIS(2-CHLOROETHYL)ETHER	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.68	J	NA		NA		NA		NA		NA		NA	
8	BIS(2-ETHYLHEXYL)PHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	BUTAZOLIDIN	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	BUTYLBENZYLPHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		1.2	J	1.1	U	NA		NA		NA		NA		NA		NA	
8	CHLOROBENZILATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	CHRYSENE	NA		NA		0.45	J	NA		NA		NA		NA		NA		NA		1.3	J	1.5		NA		NA		NA		NA		NA		NA	
8	DCDD	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	DCDF	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	DI-N-BUTYLPHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DI-N-OCTYLPHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DIALLATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DIBENZ(A,H)ANTHRACENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.32	J	NA		NA		NA		NA		NA		NA	
8	DIBENZOFURAN	NA		NA		0.13	J	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DIETHYLPHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DIMETHYLPHENETHYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DIMETHYLPHTHALATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	DIPHENYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	ETHYL METHANESULFONATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	FLUORANTHENE	NA		NA		0.62	J	NA		NA		NA		NA		NA		NA		2.2	J	2.1		NA		NA		NA		NA		NA		NA	
8	FLUORENE	NA		NA		0.11	J	NA		NA		NA		NA		NA		NA		5.1	U	0.046	J	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROBUTADIENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROCYCLOPENTADIENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROETHANE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROPHENE	NA		NA		230	U	NA		NA		NA		NA		NA		NA		NA		220	U	NA		NA		NA		NA		NA		NA	
8	HEXACHLOROPROPENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	INDENO(1,2,3-CD)PYRENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.86	J	NA		NA		NA		NA		NA		NA	
8	IRGASAN DP-300	NA		NA		4.2	J	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	ISOPHORONE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	ISOSAFROLE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	METHAPYRILENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	METHYL METHANESULFONATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSO-DI-N-BUTYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSO-DI-N-PROPYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSODIETHYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSODIMETHYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSODIPHENYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	N-NITROSOMORPHOLINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSOPIPERIDINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	N-NITROSOPYRROLIDINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	NAPHTHALENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		0.43	J	1.1	U	NA		NA		NA		NA		NA		NA	
8	NITROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	O-TOLUIDINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	P-DIMETHYLAMINOAZOBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	P-PHENYLENEDIAMINE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	PENTACHLOROBENZENE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	PENTACHLOROETHANE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	PENTACHLORONITROBENZENE	NA		NA		R		NA		NA		NA		NA		NA		NA		5.1	U	R		NA		NA		NA		NA		NA		NA	
8	PENTACHLOROPHENOL	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	PHENACETIN	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	PHENANTHRENE	NA		NA		0.62	J	NA		NA		NA		NA		NA		NA		1.4	J	0.8	J	NA		NA		NA		NA		NA		NA	
8	PHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	0.63	J	NA		NA		NA		NA		NA		NA	
8	PRONAMIDE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	PROPAZINE	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	PYRENE	NA		NA		0.74	J	NA		NA		NA		NA		NA		NA		1.3	J	2.3		NA		NA		NA		NA		NA		NA	
8	PYRIDINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	SAFROLE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		5.1	U	1.1	U	NA		NA		NA		NA		NA		NA	
8	TINUVIN 327	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	TOFRANIL	NA		NA		5.6	U	NA		NA		NA		NA		NA		NA		26	U	5.4	U	NA		NA		NA		NA		NA		NA	
8	TRCDD	NA		NA		2.3	U	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	TRCDF	NA		NA		2.7	J	NA		NA		NA		NA		NA		NA		10	U	2.2	U	NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS 2,3,7,8-TCDD	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS 2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS HXCDD	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS HXCDF	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8	SOWZS PECDD	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS PECDF	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS TCDD	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	
8	SOWZS TCDF	NA		NA		R		NA		NA		NA		NA		NA		NA		R		R		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE		AOC13/W13	AOC13/W32	AOC13/Y15	AOC13/Y21	AOC13/Y5	AOC13/Y5	AOC13/Y5	AOC13/Z28	AOI15/15A	AOI15/15B	AOI15/MW16S	AOI15/MW16S	SMU2/B2E1	SMU2/B2F1	SMU3/B3E1	SMU3/B3F1
	LOCATOR		SS-W13*II-1	SS-W32*II-1	SS-Y15*II-1	SS-Y21*II-1	SF-A13-Y5(S)*IB-1	SF-A13-Y5(S)*IB-1	SF-DUP-1*IB-1	SS-Z28*II-1	SF-15A*II-1	SF-15B*II-1	SS-MW-16S*IB-1	SS-MW-16S*IB-2	B-2E1*II-1	B-2F1*II-1	B-3E1*II-1	B-3F1*II-1
	SAMPLE NUMBER		4/8/92	4/7/92	4/8/92	4/8/92	11/14/00	1/0/00	11/14/00	4/8/92	8/10/93	8/10/93	12/5/00	3/14/01	7/9/93	7/9/93	7/12/93	7/12/93
	COLLECT DATE		.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	0 to 2	0 to 2	0 to 2	0 to 2
		Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
S	4,4'-DDD		NA	NA	NA	NA	0.0033 J	NA	0.001 U	NA	0.0079 J	0.044 J	0.0013 U	0.0011 U	0.0034 U	0.0035 U	0.034 U	0.034 U
S	4,4'-DDE		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0034 U	0.02 J	0.0013 U	0.0011 U	0.0034 U	0.0035 U	0.034 U	0.034 U
S	4,4'-DDT		NA	NA	NA	NA	0.002 U	NA	0.002 U	NA	0.085 J	0.042 J	0.0025 U	0.0022 U	0.0034 U	0.0035 U	0.034 U	0.034 U
S	ALDRIN		NA	NA	NA	NA	0.0035 J	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0011 U	0.0017 U	0.0018 U	0.017 U	0.017 U
S	ALPHA-BHC		NA	NA	NA	NA	0.0016 J	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0011 U	0.0017 U	0.0018 U	0.017 U	0.017 U
S	ALPHA-CHLORDANE		NA	NA	NA	NA	0.0097 J	NA	0.001 U	NA	0.0017 U	0.036 J	0.0013 U	0.0083	0.0017 U	0.0018 U	0.017 U	0.017 U
S	BETA-BHC		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0011 U	0.0017 U	0.0018 U	0.017 U	0.017 U
S	CHLOROBENZILATE		NA	NA	NA	NA	NA	NA	NA	NA	0.017 U	0.035 U	NA	NA	0.017 U	0.018 U	0.17 U	0.17 U
S	DELTA-BHC		NA	NA	NA	NA	0.0024 J	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0047	0.0017 U	0.0018 U	0.017 U	0.017 U
6	DIELDRIN		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0034 U	0.0067 U	0.0013 U	0.0011 U	0.0034 U	0.0035 U	0.034 U	0.034 U
S	ENDOSULFAN I		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0017 U	0.035 U	0.0013 U	0.0011 U	0.0017 U	0.0018 U	0.017 U	0.017 U
8	ENDOSULFAN II		NA	NA	NA	NA	0.003 U	NA	0.003 U	NA	0.0034 U	0.0067 U	0.0038 U	0.0032 U	0.0034 U	0.0035 U	0.034 U	0.034 U
8	ENDOSULFAN SULFATE		NA	NA	NA	NA	0.0051 U	NA	0.0051 U	NA	0.02 J	0.036	0.0064 U	0.0054 U	0.0034 U	0.0035 U	0.034 U	0.034 U
8	ENDRIN		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0034 U	0.0067 U	0.0013 U	0.0011 U	0.0034 U	0.0035 U	0.034 U	0.034 U
S	ENDRIN ALDEHYDE		NA	NA	NA	NA	0.002 U	NA	0.001 J	NA	0.0034 U	0.0067 U	0.0025 U	0.0025	0.0034 U	0.0035 U	0.034 U	0.034 U
8	GAMMA-BHC		NA	NA	NA	NA	0.0033 J	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0016	0.0017 U	0.0018 U	0.017 U	0.017 U
8	GAMMA-CHLORDANE		NA	NA	NA	NA	0.0075 J	NA	0.001 U	NA	0.0017 U	0.028 J	0.0013 U	0.0011 U	0.0017 U	0.0016 U	0.017 U	0.017 U
8	HEPTACHLOR		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0017 U	0.0035 U	0.0013 U	0.0011 U	0.0017 U	0.0018 U	0.017 U	0.017 U
08	HEPTACHLOR EPOXIDE		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0017 U	0.024 J	0.0013 U	0.022	0.0017 U	0.0018 U	0.017 U	0.017 U
08	ISODRIN		NA	NA	NA	NA	0.001 U	NA	0.001 U	NA	0.0034 U	0.0067 U	0.0013 U	0.0011 U	0.0034 U	0.0035 U	0.034 U	0.034 U
06	KEPONE		NA	NA	NA	NA	0.001 U	NA	0.015 J	NA	0.017 U	0.035 U	0.0013 U	0.0011 U	0.017 U	0.018 U	0.17 U	0.17 U
06	METHOXYCHLOR		NA	NA	NA	NA	0.0051 U	NA	0.0051 U	NA	0.017 U	0.035 U	0.0064 U	0.0054 U	0.017 U	0.47 D	0.17 U	0.29
08	PCB-1016	U	0.034 U	0.042 U	0.36 U	0.36 U	0.01 U	NA	0.01 U	0.18 U	0.034 U	0.067 U	0.013 U	0.011 U	0.034 U	0.035 U	0.34 U	0.34 U
08	PCB-1221	U	0.069 U	0.085 U	0.74 U	0.73 U	0.02 U	NA	0.02 U	0.37 U	0.068 U	0.14 U	0.025 U	0.022 U	0.068 U	0.071 U	0.68 U	0.68 U
08	PCB-1232	U	0.034 U	0.042 U	0.36 U	0.36 U	0.02 U	NA	0.02 U	0.18 U	0.034 U	0.067 U	0.025 U	0.022 U	0.034 U	0.035 U	0.34 U	0.34 U
08	PCB-1242	U	0.034 U	0.042 U	0.36 U	0.38 U	0.01 U	NA	0.01 U	0.18 U	0.034 U	0.067 U	0.013 U	0.011 U	0.034 U	0.035 U	0.34 U	0.34 U
08	PCB-1248	U	0.034 U	0.042 U	0.36 U	0.65	0.01 U	NA	0.01 U	0.18 U	0.034 U	0.067 U	0.013 U	0.011 U	0.034 U	0.035 U	0.34 U	0.34 U
08	PCB-1254	J	0.068 J	0.055	7.6	6.8	0.02 U	NA	0.02 U	1.8	0.61	0.067 U	0.025 U	0.022 U	0.15 J	0.19	2.3	5.3
08	PCB-1260	U	0.034 U	0.042 U	0.36 U	0.36 U	0.02 U	NA	0.02 U	0.18 U	0.034 U	0.067 U	0.025 U	0.022 U	0.13	0.24	3.2	3
08	TOXAPHENE		NA	NA	NA	NA	0.051 U	NA	0.051 U	NA	0.17 U	0.35 U	0.064 U	0.054 U	0.17 U	0.18 U	1.7 U	1.7 U
ZS	DIMETHOATE		NA	NA	NA	NA	NA	0.1 U	0.1 U	NA	0.34 U	0.34 U	0.13 U	0.11 U	0.34 U	0.35 U	0.34 U	0.34 U
ZS	DISULFOTON		NA	NA	NA	NA	NA	0.1 U	0.1 U	NA	0.13 U	0.13 U	0.13 U	0.11 U	0.13 U	0.14 U	0.13 U	0.13 U
ZS	ETHYL PARATHION		NA	NA	NA	NA	NA	0.077 U	0.077 U	NA	0.034 U	0.034 U	0.097 U	0.081 U	0.034 U	0.035 U	0.034 U	0.034 U
ZS	FAMPHUR		NA	NA	NA	NA	NA	0.26 U	0.26 U	NA	0.34 U	0.34 U	0.32 U	0.27 U	0.34 U	0.35 U	0.34 U	0.34 U
ZS	METHYL PARATHION		NA	NA	NA	NA	NA	0.0065 J	0.015 U	NA	0.017 U	0.017 U	0.0046 J	0.016 U	0.017 U	0.018 U	0.017 U	0.017 U
ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA	NA	NA	NA	NA	0.51 U	0.51 U	NA	NA	NA	0.64 U	0.54 U	NA	NA	NA	NA
ZS	PHORATE		NA	NA	NA	NA	NA	0.077 U	0.077 U	NA	0.034 U	0.034 U	0.097 U	0.081 U	0.034 U	0.035 U	0.034 U	0.034 U
ZS	SULFOTEPP		NA	NA	NA	NA	NA	0.051 U	0.051 U	NA	0.017 U	0.017 U	0.064 U	0.054 U	0.017 U	0.018 U	0.017 U	0.017 U
ZS	THIONAZIN		NA	NA	NA	NA	NA	0.51 U	0.51 U	NA	0.034 U	0.034 U	0.64 U	0.54 U	0.034 U	0.035 U	0.034 U	0.034 U
ZS	2,4,5-T		NA	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.017 U	0.017 U	0.026 U	0.021 U	0.017 U	NA	NA	NA
ZS	2,4,5-TP (SILVEX)		NA	NA	NA	NA	0.017 U	NA	0.017 U	NA	0.017 U	0.017 U	0.022 U	0.018 U	0.017 U	NA	NA	NA
ZS	2,4-D		NA	NA	NA	NA	0.12 U	NA	0.12 U	NA	0.017 U	0.017 U	0.15 U	0.13 U	0.017 U	NA	NA	NA
ZS	DINOSEB		NA	NA	NA	NA	0.015 U	NA	0.015 U	NA	NA	NA	0.019 U	0.016 U	NA	NA	NA	NA
40S	1,1,1,2-TETRACHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
40S	1,1,1-TRICHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
40S	1,1,2,2-TETRACHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,1,2-TRICHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,1-DICHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
40S	1,1-DICHLOROETHENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,2,3-TRICHLOROPROPANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,2-DIBROMO-3-CHLOROPROPANE		NA	NA	NA	NA	0.41 U	NA	NA	NA	0.01 U	0.01 U	0.52 U	0.42 U	0.01 U	NA	0.01 U	0.01 U
408	1,2-DIBROMOETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,2-DICHLOROETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	1,2-DICHLOROPROPANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	2-BUTANONE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.026 U	0.026 U	0.26 U	0.21 U	0.026 U	NA	0.026 U	0.026 U
408	2-CHLORO-1,3-BUTADIENE		NA	NA	NA	NA	0.52 U	NA	NA	NA	0.01 U	0.01 U	0.65 U	0.52 U	0.01 U	NA	0.01 U	0.01 U
408	2-HEXANONE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.026 U	0.026 U	0.26 U	0.21 U	0.026 U	NA	0.026 U	0.026 U
408	3-CHLOROPROPENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	4-METHYL-2-PENTANONE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.026 U	0.026 U	0.26 U	0.21 U	0.026 U	NA	0.026 U	0.026 U
408	ACETONE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.026 U	0.026 U	0.26 U	0.21 U	0.026 U	NA	0.026 U	0.026 U
408	ACETONITRILE		NA	NA	NA	NA	0.41 U	NA	NA	NA	0.2 U	0.2 U	0.52 U	0.42 U	0.2 U	NA	0.2 U	0.2 U
408	ACROLEIN		NA	NA	NA	NA	R	NA	NA	NA	0.2 U	0.2 U	R	R	R	NA	R	R
408	ACRYLONITRILE		NA	NA	NA	NA	1 U	NA	NA	NA	0.1 U	0.1 U	1.3 U	1 U	0.1 U	NA	0.1 U	0.1 U
408	BENZENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
40S	BROMODICHLOROMETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	BROMOFORM		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	BROMOMETHANE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.01 U	0.01 U	0.26 U	0.21 U	0.01 U	NA	0.01 U	0.01 U
408	CARBON DISULFIDE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	CARBON TETRACHLORIDE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
40S	CHLOROBENZENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
408	CHLOROETHANE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.01 U	0.01 U	0.26 U	0.21 U	0.01 U	NA	0.01 U	0.01 U
40S	CHLOROFORM		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	CHLOROMETHANE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.01 U	0.01 U	0.26 U	0.21 U	0.01 U	NA	0.01 U	0.01 U
2408	CIS-1,3-DICHLOROPROPENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	DIBROMOCHLOROMETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	DIBROMOMETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	DICHLORODIFLUOROMETHANE		NA	NA	NA	NA	0.41 U	NA	NA	NA	0.0051 U	0.0051 U	0.52 U	0.42 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	ETHYL METHACRYLATE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.0051 U	0.0051 U	0.26 U	0.21 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	ETHYLBENZENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	IODOMETHANE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	ISOBUTANOL		NA	NA	NA	NA	NA	NA	NA	NA	R	R	NA	NA	R	NA	R	R
2408	M&P-XYLENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.0082 J	0.0051 U	NA	0.0051 U	0.0051 U
2408	METHACRYLONITRILE		NA	NA	NA	NA	NA	NA	NA	NA	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	0.1 U
2408	METHYL METHACRYLATE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.0051 U	0.0051 U	0.26 U	0.21 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	METHYLENE CHLORIDE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.34 U	0.0051 U	NA	0.0054	0.0056
2408	N-OCTANE		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U
2408	O-XYLENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	PENTACHLOROETHANE		NA	NA	NA	NA	NA	NA	NA	NA	0.026 U	0.026 U	NA	NA	0.026 U	NA	0.026 U	0.026 U
2408	PROPANENITRILE		NA	NA	NA	NA	2.1 U	NA	NA	NA	0.2 U	0.2 U	2.6 U	2.1 U	0.2 U	NA	0.2 U	0.2 U
2408	STYRENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TETRACHLOROETHENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TOLUENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.014 J	0.0051 U	NA	0.0051 U	0.0051 U
2408	TRANS-1,2-DICHLOROETHENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TRANS-1,3-DICHLOROPROPENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TRANS-1,4-DICHLORO-2-BUTENE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.0051 U	0.0051 U	0.26 U	0.21 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TRICHLOROETHENE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.0051 U	0.0051 U	0.13 U	0.1 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	TRICHLOROFLUOROMETHANE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.0051 U	0.0051 U	0.26 U	0.21 U	0.0051 U	NA	0.0051 U	0.0051 U
2408	VINYL ACETATE		NA	NA	NA	NA	0.1 U	NA	NA	NA	0.01 U	0.01 U	0.13 U	0.1 U	0.01 U	NA	0.01 U	0.01 U
2408	VINYL CHLORIDE		NA	NA	NA	NA	0.21 U	NA	NA	NA	0.01 U	0.01 U	0.26 U	0.21 U	0.01 U	NA	0.01 U	0.01 U
824DS	1,4-DIOXANE		NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	13 U	11 U	NA	NA	NA	NA
824DS	ISOBUTANOL		NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	13 U	11 U	NA	NA	NA	NA
824DS	METHACRYLONITRILE		NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	13 U	11 U	NA	NA	NA	NA
82708	1,2,4,5-TETRACHLOROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,2,4-TRICHLOROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,2-DICHLOROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,3,5-TRINITROBENZENE		NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	0.34 U	NA	NA	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,3-DICHLOROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,3-DINITROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,4-DICHLOROBENZENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,4-DIOXANE		NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	0.34 U	NA	NA	0.34 U	0.35 U	0.34 U	0.34 U
82708	1,4-NAPHTHOQUINONE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	1-NAPHTHYLAMINE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,2'-OXYBIS(1-CHLOROPROPANE)		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,3,4,6-TETRACHLOROPHENOL		NA	NA	NA	NA	2 U	NA	NA	NA	1.7 U	1.7 U	2.5 U	2.1 U	1.7 U	1.8 U	1.7 U	1.7 U
82708	2,4,5-TRICHLOROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	1.7 U	1.7 U	1.2 U	1.1 U	1.7 U	1.8 U	1.7 U	1.7 U
82708	2,4,6-TRICHLOROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,4-DICHLOROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,4-DIMETHYLPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,4-DINITROPHENOL		NA	NA	NA	NA	5.1 U	NA	NA	NA	1.7 U	1.7 U	6.2 U	5.3 U	1.7 U	1.8 U	1.7 U	1.7 U
82708	2,4-DINITROTOLUENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,6-DICHLOROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2,6-DINITROTOLUENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-ACETYLAMINOFLUORENE		NA	NA	NA	NA	5.1 U	NA	NA	NA	0.34 U	0.34 U	6.2 U	5.3 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-CHLORONAPHTHALENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-CHLOROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-METHYLNAPHTHALENE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-METHYLPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-NAPHTHYLAMINE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-NITROANILINE		NA	NA	NA	NA	5.1 U	NA	NA	NA	1.7 U	1.7 U	6.2 U	5.3 U	1.7 U	1.8 U	0.3 J	0.89 J
82708	2-NITROPHENOL		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	2-PICOLINE		NA	NA	NA	NA	1 U	NA	NA	NA	0.34 U	0.34 U	1.2 U	1.1 U	0.34 U	0.35 U	0.34 U	0.34 U
82708	3&4-METHYLPHENOL		NA	NA	NA	NA	NA	NA	NA	NA	0.34 U	0.34 U	NA	NA	0.34 U	0.35 U	0.77	0.34 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	AOC13/W13		AOC13/W32		AOC13/Y15		AOC13/Y21		AOC13/Y5		AOC13/Y5		AOC13/Y5		AOC13/Z28		AOI15/15A		AOI15/15B		AOI15/MW16S		AOI15/MW16S		SMU2/B2E1		SMU2/B2F1		SMU3/B3E1		SMU3/B3F1	
	LOCATOR	SS-W13*II-1		SS-W32*II-1		SS-Y15*II-1		SS-Y21*II-1		SF-A13-Y5(S)*IB-1		SF-A13-Y5(S)*IB-1		SF-DUP-1*IB-1		SS-Z28*II-1		SF-15A*II-1		SF-15B*II-1		SS-MW-16S*IB-1		SS-MW-16S*IB-2		B-2E1*II-1		B-2F1*II-1		B-3E1*II-1		B-3F1*II-1	
	SAMPLE NUMBER	4/8/92		4/7/92		4/8/92		4/8/92		11/14/90		1/0/00		11/14/90		4/8/92		8/10/93		8/10/93		12/5/90		3/14/91		7/9/93		7/9/93		7/12/93		7/12/93	
	COLLECT DATE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		0 to 2		0 to 2		0 to 2		0 to 2	
		Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
2706	3,3'-DICHLOROBENZIDINE		NA		NA		NA		NA		2 U		NA		NA		NA		0.67 U		0.67 U		2.5 U		2.1 U		0.67 U		0.7 U		0.67 U		0.67 U
2706	3,3'-DIMETHYLBENZIDINE		NA		NA		NA		NA		2 U		NA		NA		NA		0.2 U		0.2 U		2.5 U		2.1 U		0.2 U		0.21 U		0.2 U		0.2 U
2706	3-METHYLCHOLANTHRENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.2 U		0.2 U		1.2 U		1.1 U		0.2 U		0.21 U		0.2 U		0.2 U
2706	3-METHYLPHENOL		NA		NA		NA		NA		1 U		NA		NA		NA		NA		NA		1.2 U		1.1 U		NA		NA		NA		NA
2706	3-NITROANILINE		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	4,6-DINITRO-3-METHYLPHENOL		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	4-AMINOBIPHENYL		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	4-BROMOPHENYL-PHENYLETHER		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	4-CHLORO-3-METHYLPHENOL		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	4-CHLOROANILINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.32 J		0.67 U		1.2 U		1.1 U		0.67 U		0.7 U		0.67 U		0.045 J
2706	4-CHLOROPHENYL-PHENYLETHER		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	4-METHYLPHENOL		NA		NA		NA		NA		1 U		NA		NA		NA		NA		NA		1.2 U		1.1 U		NA		NA		NA		NA
2706	4-NITROANILINE		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	4-NITROPHENOL		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	4-NITROQUINOLINE-N-OXIDE		NA		NA		NA		NA		R		NA		NA		NA		R		R		R		R		R		R		R		R
2706	5-NITRO-O-TOLUIDINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	7,12-DIMETHYLBENZ(A)ANTHRACENE		NA		NA		NA		NA		5.1 U		NA		NA		NA		0.2 U		0.2 U		6.2 U		5.3 U		0.2 U		0.21 U		0.2 U		0.2 U
2706	ACENAPHTHENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.03 J		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ACENAPHTHYLENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.046 J		0.2 J		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ACETOPHENONE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ANILINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ANTHRACENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.039 J		0.23 J		1.2 U		1.1 U		0.34 U		0.034 J		0.34 U		0.34 U
2706	ARAMITE		NA		NA		NA		NA		10 U		NA		NA		NA		R		R		12 U		11 U		R		R		R		R
2706	BENZO(A)ANTHRACENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.2 J		0.89		1.2 U		0.14 J		0.23 U		0.23 J		0.23 U		0.23 U
2706	BENZO(A)PYRENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.25		0.96		1.2 U		0.11 J		0.024 J		0.26		0.23 U		0.046 J
2706	BENZO(B)FLUORANTHENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.36		1.4		1.2 U		0.22 J		0.028 J		0.37		0.23 U		0.048 J
2706	BENZO(G,H,I)PERYLENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.16 J		0.58 J		1.2 U		1.1 U		0.34 U		0.13 J		0.34 U		0.34 U
2706	BENZO(K)FLUORANTHENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.12 J		0.57		1.2 U		0.29 J		0.23 U		0.16 J		0.23 U		0.23 U
2706	BENZYL ALCOHOL		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	BIS(2-CHLOROETHOXY)METHANE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	BIS(2-CHLOROETHYL)ETHER		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	BIS(2-ETHYLHEXYL)PHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.13		0.8		1.2 U		1.1 U		0.072 J		0.13 J		0.092 J		0.12 J
2706	BUTAZOLIDIN		NA		NA		NA		NA		5.1 U		NA		NA		NA		NA		NA		6.2 U		5.3 U		NA		NA		NA		NA
2706	BUTYLBENZYLPHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.22 J		0.46		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	CHLOROBENZILATE		NA		NA		NA		NA		1 U		NA		NA		NA		NA		NA		1.2 U		1.1 U		NA		NA		NA		NA
2706	CHRYSENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.36		1.5		1.2 U		0.18 J		0.34 U		0.27 J		0.34 U		0.34 U
2706	DCDD		NA		NA		NA		NA		2 U		NA		NA		NA		NA		NA		2.5 U		2.1 U		NA		NA		NA		NA
2706	DCDF		NA		NA		NA		NA		2 U		NA		NA		NA		NA		NA		2.5 U		2.1 U		NA		NA		NA		NA
2706	DI-N-BUTYLPHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DI-N-OCTYLPHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.036 J		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DIALLATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DIBENZIA,HANTHRACENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.063 J		0.18 J		1.2 U		1.1 U		0.2 U		0.21 U		0.2 U		0.2 U
2706	DIBENZOFURAN		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.033 J		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DIETHYLPHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DIMETHYLPHENETHYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		1.7 U		1.7 U		1.2 U		1.1 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	DIMETHYLPHTHALATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	DINOSEB		NA		NA		NA		NA		NA		NA		NA		NA		0.34 U		0.34 U		NA		NA		0.34 U		0.35 U		R		0.34 U
2706	DIPHENYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ETHYL METHANESULPONATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.031 U		0.031 U		1.2 U		1.1 U		0.031 U		0.032 U		0.031 U		0.031 U
2706	FLUORANTHENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.62		2.2		1.2 U		0.29 J		0.34 U		0.47		0.34 U		0.051 J
2706	FLUORENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.1 J		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	HEXACHLOROBENZENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	HEXACHLOROBUTADIENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	HEXACHLOROCYCLOPENTADIENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	HEXACHLOROETHANE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	HEXACHLOROPHENE		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		210 U		NA		NA		NA		NA
2706	HEXACHLOROPROPENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	INDENO(1,2,3-CD)PYRENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.17 J		0.62 J		1.2 U		1.1 U		0.2 U		0.14 J		0.2 U		0.2 U
2706	IRGASAN DP-300		NA		NA		NA		NA		5.1 U		NA		NA		NA		NA		NA		6.2 U		5.3 U		NA		NA		NA		NA
2706	ISOPHORONE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	ISOSAFROLE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	METHAPYRILENE		NA		NA		NA		NA		1 U		NA		NA		NA		3.4 U		3.4 U		1.2 U		1.1 U		3.4 U		3.5 U		3.4 U		3.4 U
2706	METHYL METHANESULPONATE		NA		NA		NA		NA		1 U		NA		NA		NA		0.031 U		0.031 U		1.2 U		1.1 U		0.031 U		0.032 U		0.031 U		0.031 U
2706	N-NITROSO-DI-N-BUTYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.31 U		0.31 U		1.2 U		1.1 U		0.31 U		0.32 U		0.31 U		0.31 U
2706	N-NITROSO-DI-N-PROPYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.2 U		0.2 U		1.2 U		1.1 U		0.2 U		0.21 U		0.2 U		0.2 U
2706	N-NITROSODIETHYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.013 U		0.013 U		1.2 U		1.1 U		0.013 U		0.014 U		0.013 U		0.013 U
2706	N-NITROSODIMETHYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.05 U		0.05 U		1.2 U		1.1 U		0.05 U		0.052 U		0.05 U		0.05 U
2706	N-NITROSODIPHENYLAMINE		NA		NA		NA		NA		1 U		NA		NA		NA		NA		NA		1.2 U		1.1 U		NA		NA		NA		NA
2706	N-NITROSOMETHYLETHYLAMINE		NA		NA		NA		NA		NA		NA		NA		NA		0.34 U		0.34 U		NA		NA		0.34 U		0.35 U		0.34 U		0.34 U
2706	N-NITROSOMORPHOLINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	N-NITROSOPIPERIDINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	N-NITROSOPYRROLIDINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	NAPHTHALENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	NITROBENZENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	O,O,O-TRIETHYLPHOSPHOROTHIOATE		NA		NA		NA		NA		NA		NA		NA		NA		0.34 U		0.34 U		NA		NA		0.34 U		0.35 U		0.34 U		0.34 U
2706	O-TOLUIDINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	P-DIMETHYLAMINOAZOBENZENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.031 U		0.031 U		1.2 U		1.1 U		0.031 U		0.032 U		0.031 U		0.031 U
2706	P-PHENYLENEDIAMINE		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	PENTACHLOROBENZENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	PENTACHLOROETHANE		NA		NA		NA		NA		1 U		NA		NA		NA		NA		NA		1.2 U		1.1 U		NA		NA		NA		NA
2706	PENTACHLORONITROBENZENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		R		0.34 U		0.35 U		0.34 U		0.34 U
2706	PENTACHLOROPHENOL		NA		NA		NA		NA		5.1 U		NA		NA		NA		1.7 U		1.7 U		6.2 U		5.3 U		1.7 U		1.8 U		1.7 U		1.7 U
2706	PHENACETIN		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	PHENANTHRENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.28 J		1.2		1.2 U		0.16 J		0.34 U		0.18 J		0.34 U		0.34 U
2706	PHENOL		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	PRONAMIDE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	PROPAZINE		NA		NA		NA		NA		5.1 U		NA		NA		NA		NA		NA		6.2 U		5.3 U		NA		NA		NA		NA
2706	PYRENE		NA		NA		NA		NA		1 U		NA		NA		NA		0.64		2.1		1.2 U		0.27 J		0.34 U		0.47		0.34 U		0.061 J
2706	PYRIDINE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	SAFROLE		NA		NA		NA		NA		1 U		NA		NA		NA		0.34 U		0.34 U		1.2 U		1.1 U		0.34 U		0.35 U		0.34 U		0.34 U
2706	TINUVIN 327		NA		NA		NA		NA		5.1 U		NA		NA		NA		NA		NA		6.2 U		5.3 U		NA		NA		NA		NA
2706	TINUVIN 328		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.6
2706	TOPRANIL		NA		NA		NA		NA		5.1 U		NA		NA		NA		NA		NA		6.2 U		5.3 U		NA		NA		NA		NA
2706	TRCDD		NA		NA		NA		NA		2 U		NA		NA		NA		NA		NA		2.5 U		2.1 U		NA		NA		NA		NA
2706	TRCDF		NA		NA		NA		NA		2 U		NA		NA		NA		NA		NA		2.5 U		2.1 U		0.73 J		NA		NA		0.4 J
3OWZS	1,2,3,4,6,7,8-HPCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.00007 F		0.000069 U		NA		NA		0.000077 U		NA		NA		0.000077 U
3OWZS	1,2,3,4,6,7,8-HPCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000052 U		0.000031 U		NA		NA		0.000099 U		NA		NA		0.00011 U
3OWZS	1,2,3,4,7,8,9-HPCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000065 U		0.00004 U		NA		NA		0.00013 U		NA		NA		0.00015 U
3OWZS	1,2,3,4,7,8-HXCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.000052 U		0.000062 U		NA		NA		0.00016 U		NA		NA		0.00013 U
3OWZS	1,2,3,4,7,8-HXCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.00008 U		0.000034 U		NA		NA		0.00011 U		NA		NA		0.00009 U
3OWZS	1,2,3,6,7,8-HXCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.000083 U		0.000063 U		NA		NA		0.00017 U		NA		NA		0.00014 U
3OWZS	1,2,3,6,7,8-HXCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000046 U		0.000031 U		NA		NA		0.00011 U		NA		NA		0.000088 U
3OWZS	1,2,3,7,8,9-HXCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.000075 U		0.000057 U		NA		NA		0.00016 U		NA		NA		0.00013 U
3OWZS	1,2,3,7,8,9-HXCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000068 U		0.00004 U		NA		NA		0.00013 U		NA		NA		0.00011 U
3OWZS	1,2,3,7,8-PECDD		NA		NA		NA		NA		NA		NA		NA		NA		0.000082 U		0.000051 U		NA		NA		0.00013 U		NA		NA		0.00011 U
3OWZS	1,2,3,7,8-PECDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000049 U		0.000035 U		NA		NA		0.000093 U		NA		NA		0.000088 U
3OWZS	2,3,4,6,7,8-HXCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000053 U		0.000036 U		NA		NA		0.00012 U		NA		NA		0.000097 U
3OWZS	2,3,4,7,8-PECDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000052 U		0.000037 U		NA		NA		0.000097 U		NA		NA		0.000092 U
3OWZS	2,3,7,8-TCDD		NA		NA		NA		NA		R		NA		R		NA		0.00004 U		0.00003 U		R		R		0.00006 U		NA		NA		0.000061 U
3OWZS	2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000024 U		0.000024 U		NA		NA		0.000045 U		NA		NA		0.000062 U
3OWZS	HPCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.00007 F		0.000069 U		NA		NA		0.000077 U		NA		NA		0.000077 U
3OWZS	HPCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.000052 U		0.000031 U		NA		NA		0.000099 U		NA		NA		0.00011 U
3OWZS	HXCDD		NA		NA		NA		NA		R		NA		R		NA		0.000075 U		0.000057 U		R		R		0.00016 U		NA		NA		0.00013 U
3OWZS	HXCDF		NA		NA		NA		NA		R		NA		R		NA		0.000046 U		0.000031 U		R		R		0.00011 U		NA		NA		0.000088 U
3OWZS	OCDD		NA		NA		NA		NA		NA		NA		NA		NA		0.00078 J		0.00044 J		NA		NA		0.0014 U		NA		NA		0.0011 U
3OWZS	OCDF		NA		NA		NA		NA		NA		NA		NA		NA		0.00019 U		0.000068 U		NA		NA		0.00022 U		NA		NA		0.00028 U
3OWZS	PECDD		NA		NA		NA		NA		R		NA		R		NA		0.000082 U		0.000051 U		R		R		0.00013 U		NA		NA		0.00011 U
3OWZS	PECDF		NA		NA		NA		NA		R		NA		R		NA		0.000049 U		0.000035 U		R		R		0.000093 U		NA		NA		0.000088 U
3OWZS	TCDD		NA		NA		NA		NA		R		NA		R		NA		0.00004 U		0.00003 U		R		R		0.00006 U		NA		NA		0.000061 U
3OWZS	TCDF		NA		NA		NA		NA		R		NA		R		NA		0.000024 U		0.000024 U		R		R		0.000095 F		NA		NA		0.00019 J

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	SMU3/B3G1	SMU3/B3I1	SMU7/B7B	SMU7/B7B	SMU7/B7D1	SMU7/B7D1	SMU7/B7D1	SMU7/B7E1	SMU7/B7F1	SMU7/B7G1	SMU7/B7H1	SMU8/B8A	SMU8/B8B	SMU8/B8B	SMU8/B8D1	SMU8/B8F1	SMU8/B8G1	SMU8/B8H1
	LOCATOR	B-3G1*II-1	B-3I1*II-1	B-7B*IB-1	B-7B*IB-2	B-7D1*II-1	B-DUP2*II-1	B-DUP2*II-1	B-7E1*II-1	B-7F1*II-1	B-7G1*II-1	B-7H1*II-1	B-8A*IB-1	B-8B*IB-1	B-8B*IB-2	B-8D1*II-1	B-8F1*II-1	B-8G1*II-1	B-8H1*II-1
	SAMPLE NUMBER	7/12/93	7/13/93	11/20/90	3/18/91	7/23/93	7/23/93	1/0/00	7/23/93	7/23/93	7/23/93	7/23/93	11/20/90	11/20/90	3/14/91	7/24/93	7/24/93	7/24/93	7/24/93
	COLLECT DATE	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8080S	4,4'-DDD	0.0034 U	0.017 U	0.01 U	0.055 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.0052 U	0.053 U	0.056 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	4,4'-DDE	0.0034 U	0.017 U	0.01 U	0.055 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.0052 U	0.053 U	0.056 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	4,4'-DDT	0.0034 U	0.017 U	0.021 U	0.11 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.01 U	0.11 U	0.11 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	ALDRIN	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	ALPHA-BHC	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	ALPHA-CHLORDANE	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0025	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	BETA-BHC	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	CHLOROBENZILATE	0.017 U	0.088 U	NA	NA	0.35 U	NA	0.17 U	0.088 U	0.018 U	0.088 U	0.18 U	NA	NA	NA	0.018 U	0.088 U	0.36 U	0.018 U
8080S	DELTA-BHC	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	DIELDRIN	0.0034 U	0.017 U	0.01 U	0.055 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.0052 U	0.053 U	0.056 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	ENDOSULFAN I	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	ENDOSULFAN II	0.0034 U	0.017 U	0.031 U	0.16 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.015 U	0.16 U	0.17 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	ENDOSULFAN SULFATE	0.0034 U	0.017 U	0.052 U	0.27 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.026 U	0.26 U	0.28 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	ENDRIN	0.0034 U	0.017 U	0.01 U	0.055 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.0052 U	0.053 U	0.056 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	ENDRIN ALDEHYDE	0.0034 U	0.017 U	0.021 U	0.11 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.01 U	0.11 U	0.11 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	GAMMA-BHC	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	GAMMA-CHLORDANE	0.0017 U	0.028 J	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0099 J	0.0034 U	0.037 J	0.028 J	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.14 J	0.0018 U
8080S	HEPTACHLOR	0.0017 U	0.0088 U	0.01 U	0.014 J	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	HEPTACHLOR EPOXIDE	0.0017 U	0.0088 U	0.01 U	0.055 U	0.035 U	NA	0.017 U	0.0088 U	0.0018 U	0.0088 U	0.018 U	0.0052 U	0.053 U	0.056 U	0.0018 U	0.0088 U	0.036 U	0.0018 U
8080S	ISODRIN	0.0034 U	0.017 U	0.01 U	0.055 U	0.067 U	NA	0.034 U	0.017 U	0.0034 U	0.017 U	0.035 U	0.0052 U	0.053 U	0.056 U	0.0034 U	0.017 U	0.07 U	0.0035 U
8080S	KEPONE	0.017 U	0.0088 U	0.01 U	0.055 U	0.35 U	NA	0.17 U	0.088 U	0.018 U	0.0088 U	0.18 U	0.0052 U	0.053 U	0.056 U	0.018 U	0.088 U	0.36 U	0.018 U
8080S	METHOXYCHLOR	0.12 J	0.27 J	0.052 U	0.27 U	0.35 U	NA	0.17 U	0.088 U	0.018 U	0.0088 U	1.2 J	0.026 U	0.26 U	0.28 U	0.018 U	0.088 U	0.96 J	3.6
8080S	PCB-1016	0.034 U	0.17 U	0.1 U	0.55 U	0.67 U	NA	0.34 U	0.17 U	0.034 U	0.17 U	0.35 U	0.052 U	0.53 U	0.56 U	0.034 U	0.17 U	0.7 U	0.035 U
8080S	PCB-1221	0.069 U	0.34 U	0.21 U	1.1 U	1.4 U	NA	0.68 U	0.35 U	0.069 U	0.35 U	0.72 U	0.1 U	1.1 U	1.1 U	0.07 U	0.35 U	1.4 U	0.07 U
8080S	PCB-1232	0.034 U	0.17 U	0.21 U	1.1 U	0.67 U	NA	0.34 U	0.17 U	0.034 U	0.17 U	0.35 U	0.1 U	1.1 U	1.1 U	0.034 U	0.17 U	0.7 U	0.035 U
8080S	PCB-1242	0.034 U	0.17 U	0.1 U	0.55 U	0.67 U	NA	0.34 U	0.17 U	0.034 U	0.17 U	0.35 U	0.052 U	0.53 U	0.56 U	0.034 U	0.17 U	0.7 U	0.035 U
8080S	PCB-1248	0.034 U	0.17 U	0.1 U	0.55 U	0.67 U	NA	0.34 U	0.17 U	0.034 U	0.17 U	0.35 U	0.052 U	0.53 U	0.56 U	0.034 U	0.17 U	0.7 U	0.035 U
8080S	PCB-1254	0.99 J	4.8 J	5.2	6	2.2 J	NA	1.4	0.62	0.034 U	2.2	4.2 J	1.8	1.1 U	12 J	0.052	1.1	7.8	0.4 J
8080S	PCB-1260	0.034 U	0.17 U	0.21 U	1.1 U	6.1 J	NA	2.7 J	0.83	0.034 U	0.17 U	0.35 U	0.1 U	1.1 U	1.1 U	0.034 U	0.17 U	0.7 U	0.035 U
8080S	TOXAPHENE	0.17 U	0.88 U	0.52 U	2.7 U	3.5 U	NA	1.7 U	0.88 U	0.18 U	0.088 U	1.8 U	0.26 U	2.6 U	2.8 U	0.18 U	0.88 U	3.6 U	0.18 U
814ZS	DIMETHOATE	0.34 U	0.34 U	0.11 U	0.11 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.11 U	0.21 U	0.11 U	0.34 U	0.34 U	0.38 U	0.35 U
814ZS	DISULFOTON	0.13 U	0.13 U	0.11 U	0.11 U	0.13 U	NA	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.11 U	0.21 U	0.11 U	0.14 U	0.14 U	0.14 U	0.14 U
814ZS	ETHYL PARATHION	0.034 U	0.034 U	0.08 U	0.083 U	0.034 U	NA	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U	0.081 U	0.16 U	0.084 U	0.034 U	0.034 U	0.035 U	0.035 U
814ZS	FAMPHUR	0.34 U	0.34 U	0.0062 J	0.28 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.27 U	0.54 U	0.28 U	0.34 U	0.34 U	0.35 U	0.35 U
814ZS	METHYL PARATHION	0.017 U	0.018 U	0.016 U	0.017 U	0.017 U	NA	0.017 U	0.018 U	0.018 U	0.018 U	0.018 U	0.0056 J	0.032 U	0.017 U	0.018 U	0.018 U	0.018 U	0.018 U
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA	NA	0.53 U	0.55 U	NA	NA	NA	NA	NA	NA	NA	0.54 U	1.1 U	0.56 U	NA	NA	NA	NA
814ZS	PHORATE	0.034 U	0.034 U	0.08 U	0.083 U	0.034 U	NA	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U	0.081 U	0.16 U	0.084 U	0.034 U	0.034 U	0.035 U	0.035 U
814ZS	SULFOTEPP	0.017 U	0.018 U	0.053 U	0.055 U	0.017 U	NA	0.017 U	0.018 U	0.018 U	0.018 U	0.018 U	0.054 U	0.11 U	0.056 U	0.018 U	0.018 U	0.018 U	0.018 U
814ZS	THIONAZIN	0.034 U	0.034 U	0.53 U	0.55 U	0.034 U	NA	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U	0.54 U	1.1 U	0.56 U	0.034 U	0.034 U	0.035 U	0.035 U
815ZS	2,4,5-T	NA	NA	0.021 U	0.022 U	NA	NA	NA	NA	NA	NA	NA	0.02 U	0.021 U	0.022 U	NA	NA	NA	0.018 U
815ZS	2,4,5-TP (SILVEX)	NA	NA	0.018 U	0.019 U	NA	NA	NA	NA	NA	NA	NA	0.017 U	0.018 U	0.006 J	NA	NA	NA	0.018 U
815ZS	2,4-D	NA	NA	0.13 U	0.13 U	NA	NA	NA	NA	NA	NA	NA	0.12 U	0.12 U	0.13 U	NA	NA	NA	0.018 U
815ZS	DINOSEB	NA	NA	0.016 U	0.0087 J	NA	NA	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.017 U	NA	NA	NA	NA
8240S	1,1,1,2-TETRACHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,1,1-TRICHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,1,2,2-TETRACHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,1,2-TRICHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,1-DICHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,1-DICHLOROETHENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,2,3-TRICHLOROPROPANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.01 U	0.01 U	0.43 U	0.44 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.43 U	54 U	0.45 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	1,2-DIBROMOETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,2-DICHLOROETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	1,2-DICHLOROPROPANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	2-BUTANONE	0.026 U	0.026 U	0.21 U	0.22 U	0.026 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	0.027 U	0.22 U	27 U	0.22 U	0.026 U	0.026 U	0.026 U	0.026 U
8240S	2-CHLORO-1,3-BUTADIENE	0.01 U	0.01 U	0.53 U	0.55 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.54 U	67 U	0.56 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	2-HEXANONE	0.026 U	0.026 U	0.21 U	0.22 U	0.026 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	0.027 U	0.22 U	27 U	0.22 U	0.026 U	0.026 U	0.026 U	0.026 U
8240S	3-CHLOROPROPENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	4-METHYL-2-PENTANONE	0.026 U	0.026 U	0.21 U	0.22 U	0.026 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	0.027 U	0.22 U	27 U	0.22 U	0.026 U	0.026 U	0.026 U	0.026 U
8240S	ACETONE	0.026 U	0.026 U	0.21 U	0.22 U	0.026 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	0.027 U	0.22 U	27 U	0.22 U	0.026 U	0.026 U	0.026 U	0.026 U
8240S	ACETONITRILE	0.21 U	0.21 U	0.43 U	0.44 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	0.43 U	54 U	0.45 U	0.21 U	0.21 U	0.21 U	0.21 U
8240S	ACROLEIN	R	R	R	R	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	R	R	R	0.21 U	0.21 U	0.21 U	0.21 U
8240S	ACRYLONITRILE	0.1 U	0.1 U	1.1 U	1.1 U	0.1 U	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	1.1 U	130 U	1.1 U	0.1 U	0.1 U	0.11 U	0.1 U
8240S	BENZENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	BROMODICHLOROMETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	BROMOFORM	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	BROMOMETHANE	0.01 U	0.01 U	0.21 U	0.22 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.22 U	27 U	0.22 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	CARBON DISULFIDE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	CARBON TETRACHLORIDE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	CHLOROBENZENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	CHLOROETHANE	0.01 U	0.01 U	0.21 U	0.22 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.22 U	27 U	0.22 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	CHLOROFORM	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	CHLOROMETHANE	0.01 U	0.01 U	0.21 U	0.22 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.22 U	27 U	0.22 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	CIS-1,3-DICHLOROPROPENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	DIBROMOCHLOROMETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	DIBROMOMETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	DICHLORODIFLUOROMETHANE	0.0052 U	0.0052 U	0.43 U	0.44 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.43 U	54 U	0.45 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	ETHYL METHACRYLATE	0.0052 U	0.0052 U	0.21 U	0.22 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.22 U	27 U	0.22 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	ETHYLBENZENE	0.0052 U	0.0052 U	0.12	0.021 J	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.26	50	0.029 J	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	IODOMETHANE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	5.2 U	0.0053 U	0.0053 U
8240S	ISOBUTANOL	R	R	NA	NA	R	NA	R	R	R	R	R	NA	NA	NA	R	R	R	R
8240S	M&P-XYLENE	0.0052 U	0.0052 U	0.43	0.16	0.0051 U	NA	0.021 J	0.0087	0.0052 U	0.0052 U	0.0054 U	1.1	400	0.14	0.015 J	0.007	0.006	0.0085
8240S	METHACRYLONITRILE	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	NA	NA	NA	0.1 U	0.1 U	0.11 U	0.1 U
8240S	METHYL METHACRYLATE	0.0052 U	0.0052 U	0.21 U	0.22 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.22 U	27 U	0.22 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	METHYLENE CHLORIDE	0.0052 U	0.0052 U	0.33 U	0.12 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.27 U	13 U	0.11 U	0.0084 J	0.0067	0.0095	0.0089
8240S	N-OCTANE	NA	NA	NA	NA	0.01 U	NA	0.01 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8240S	O-XYLENE	0.0052 U	0.0052 U	0.11	0.046 J	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.33	120	0.05 J	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	PENTACHLOROETHANE	0.026 U	0.026 U	NA	NA	0.026 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	0.027 U	NA	NA	NA	0.026 U	0.026 U	0.026 U	0.026 U
8240S	PROPANENITRILE	0.21 U	0.21 U	2.1 U	2.2 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	2.2 U	270 U	2.2 U	0.21 U	0.21 U	0.21 U	0.21 U
8240S	STYRENE	0.0052 U	0.0052 U	0.049 J	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TETRACHLOROETHENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TOLUENE	0.0052 U	0.0052 U	4.6 J	0.024 J	0.0051 U	NA	0.0051 U	0.0052 U	0.0068 J	0.0052 U	0.0054 U	4.4 J	4.6 J	0.11 U	0.0052 U	0.007	0.0053 U	0.0053 U
8240S	TRANS-1,2-DICHLOROETHENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TRANS-1,3-DICHLOROPROPENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.0052 U	0.0052 U	0.21 U	0.22 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.22 U	27 U	0.22 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TRICHLOROETHENE	0.0052 U	0.0052 U	0.11 U	0.11 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.11 U	13 U	0.11 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	TRICHLOROFLUOROMETHANE	0.0052 U	0.0052 U	0.21 U	0.22 U	0.0051 U	NA	0.0051 U	0.0052 U	0.0052 U	0.0052 U	0.0054 U	0.22 U	27 U	0.22 U	0.0052 U	0.0052 U	0.0053 U	0.0053 U
8240S	VINYL ACETATE	0.01 U	0.01 U	0.11 U	0.11 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.11 U	13 U	0.11 U	0.01 U	0.01 U	0.011 U	0.01 U
8240S	VINYL CHLORIDE	0.01 U	0.01 U	0.21 U	0.22 U	0.01 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	0.011 U	0.22 U	27 U	0.22 U	0.01 U	0.01 U	0.011 U	0.01 U
824DS	1,4-DIOXANE	NA	NA	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	11 U	NA	NA	NA	NA
824DS	ISOBUTANOL	NA	NA	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	11 U	NA	NA	NA	NA
824DS	METHACRYLONITRILE	NA	NA	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	10 U	10 U	11 U	NA	NA	NA	NA
8270S	1,2,4,5-TETRACHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,2,4-TRICHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,2-DICHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	0.12 J	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,3,5-TRINITROBENZENE	0.34 U	0.34 U	NA	NA	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	NA	NA	NA	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,3-DICHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,3-DINITROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,4-DICHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,4-DIOXANE	0.34 U	0.34 U	NA	NA	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	NA	NA	NA	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1,4-NAPHTHOQUINONE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	1-NAPHTHYLAMINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,3,4,6-TETRACHLOROPHENOL	1.8 U	1.8 U	21 U	2.2 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	2.2 U	21 U	2.2 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2,4,5-TRICHLOROPHENOL	1.8 U	1.8 U	11 U	1.1 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.1 U	10 U	1.1 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2,4,6-TRICHLOROPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,4-DICHLOROPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,4-DIMETHYLPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.11 J	0.35 U	0.35 U
8270S	2,4-DINITROPHENOL	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	R	1.8 U	1.8 U
8270S	2,4-DINITROTOLUENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,6-DICHLOROPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2,6-DINITROTOLUENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-ACETYLAMINOFLUORENE	0.34 U	0.34 U	53 U	5.5 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	5.4 U	52 U	5.6 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-CHLORONAPHTHALENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-CHLOROPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-METHYLNAPHTHALENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.063 J	0.34 U	0.038 J	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.094 J	0.35 U
8270S	2-METHYLPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-NAPHTHYLAMINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-NITROANILINE	1.8 U	1.8 U	53 U	5.5 U	0.16 J	NA	0.088 J	1.8 U	1.8 U	0.35 J	0.066 J	5.4 U	52 U	5.6 U	1.8 U	0.2 J	0.044 J	1.8 U
8270S	2-NITROPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	2-PICOLINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	3&4-METHYLPHENOL	0.092 J	0.34 U	NA	NA	0.023 J	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.053 J	NA	NA	NA	0.34 U	0.045 J	0.35 U	0.35 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	SMU3/B3G1	SMU3/B3I1	SMU7/B7B	SMU7/B7B	SMU7/B7D1	SMU7/B7D1	SMU7/B7D1	SMU7/B7E1	SMU7/B7F1	SMU7/B7G1	SMU7/B7H1	SMU8/B8A	SMU8/B8B	SMU8/B8B	SMU8/B8D1	SMU8/B8F1	SMU8/B8G1	SMU8/B8H1
	LOCATOR	B-3G1*II-1	B-3I1*II-1	B-7B*IB-1	B-7B*IB-2	B-7D1*II-1	B-DUP2*II-1	B-DUP2*II-1	B-7E1*II-1	B-7F1*II-1	B-7G1*II-1	B-7H1*II-1	B-8A*IB-1	B-8B*IB-1	B-8B*IB-2	B-8D1*II-1	B-8F1*II-1	B-8G1*II-1	B-8H1*II-1
	SAMPLE NUMBER	7/12/93	7/13/93	11/20/00	3/18/01	7/23/03	7/23/03	1/0/00	7/23/03	7/23/03	7/23/03	7/23/03	11/20/00	11/20/00	3/14/01	7/24/03	7/24/03	7/24/93	7/24/03
	COLLECT DATE	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8270S	3,3'-DICHLOROBENZIDINE	0.68 U	0.68 U	21 U	2.2 U	0.67 U	NA	0.67 U	0.69 U	0.68 U	0.69 U	0.71 U	2.2 U	21 U	2.2 U	0.69 U	0.69 U	0.7 U	0.69 U
8270S	3,3'-DIMETHYLBENZIDINE	0.21 U	0.21 U	21 U	2.2 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	2.2 U	21 U	2.2 U	0.21 U	0.21 U	0.21 U	0.21 U
8270S	3-METHYLCHOLANTHRENE	0.21 U	0.21 U	11 U	1.1 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	1.1 U	10 U	1.1 U	0.21 U	0.21 U	0.21 U	0.21 U
8270S	3-METHYLPHENOL	NA	NA	11 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	1.1 U	10 U	1.1 U	NA	NA	NA	NA
8270S	3-NITROANILINE	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4,6-DINITRO-2-METHYLPHENOL	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4-AMINOBIPHENYL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	4-BROMOPHENYL-PHENYLETHER	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	4-CHLORO-3-METHYLPHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	4-CHLOROANILINE	0.68 U	0.045 J	11 U	1.1 U	0.67 U	NA	0.67 U	0.69 U	0.68 U	0.69 U	0.17 J	1.1 U	10 U	1.1 U	0.69 U	0.076 J	0.64 J	0.69 U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	4-METHYLPHENOL	NA	NA	11 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	1.1 U	10 U	1.1 U	NA	NA	NA	NA
8270S	4-NITROANILINE	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4-NITROPHENOL	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4-NITROQUINOLINE-N-OXIDE	R	R	110 U	R	R	NA	R	R	R	R	R	11 U	100 U	R	R	R	R	R
8270S	5-NITRO-O-TOLUIDINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.21 U	0.21 U	53 U	5.5 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	52 U	52 U	5.6 U	0.21 U	0.21 U	0.21 U	0.21 U
8270S	ACENAPHTHENE	0.34 U	0.13 J	11 U	1.1 U	0.34 U	NA	0.057 J	0.34 U	0.071 J	0.34 U	0.35 U	0.15 J	10 U	1.1 U	0.071 J	0.079 J	0.21 J	0.12 J
8270S	ACENAPHTHYLENE	0.18 J	0.048 J	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.066 J	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.14 J	0.35 U	0.35 U
8270S	ACETOPHENONE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.048 J	0.35 U	0.35 U
8270S	ANILINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.23 J	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	ANTHRACENE	0.083 J	0.38	11 U	1.1 U	0.34 U	NA	0.14 J	0.34 U	0.28 J	0.044 J	0.044 J	0.36 J	10 U	0.18 J	0.32 J	0.28 J	0.84	0.39
8270S	ARAMITE	R	R	110 U	11 U	R	NA	R	R	R	R	R	11 U	100 U	11 U	R	R	R	R
8270S	BENZO(A)ANTHRACENE	0.62	1.4 J	11 U	1.1 U	0.35 U	NA	0.15 J	0.24 U	0.74	0.24 U	0.22 J	1.2	1 J	0.6 J	1 J	1.2	3 J	1.1 J
8270S	BENZO(A)PYRENE	0.88 J	1.4 J	11 U	1.1 U	0.23 U	NA	0.14 J	0.24 U	0.69	0.26 J	0.23 J	1.3	10 U	0.55 J	1.1 J	1.6	3.1 J	0.99 J
8270S	BENZO(B)FLUORANTHENE	1.2 J	2 J	11 U	1.1 U	0.027 J	NA	0.18 J	0.24 U	1	0.41 J	0.36	2.1	1.9 J	0.9 J	1.4 J	2	4 J	1.2 J
8270S	BENZO(G,H,I)PERYLENE	0.52 J	0.83 J	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.35	0.13 J	0.16 J	0.97 J	10 U	0.45 J	0.7 J	0.87	1.8 J	0.49 J
8270S	BENZO(K)FLUORANTHENE	0.51 J	0.64 J	11 U	1.1 U	0.23 U	NA	0.074 J	0.24 U	0.37	0.15 J	0.12 J	2.7	2.4 J	1.1	0.63 J	0.84	1.4 J	0.54 J
8270S	BENZYL ALCOHOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	BIS(2-CHLOROETHYL)ETHER	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.17 J	0.4 J	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.59 J	0.29 J	0.49 J	0.061 J
8270S	BUTAZOLIDIN	NA	NA	53 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	5.4 U	52 U	5.6 U	NA	NA	NA	NA
8270S	BUTYLBENZYLPHTHALATE	0.34 U	0.19 J	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.053 J	0.096 J	0.11 J	10 U	1.1 U	0.8 J	0.25 J	0.16 J	0.042 J
8270S	CHLOROBENZILATE	NA	NA	11 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	1.1 U	10 U	1.1 U	NA	NA	NA	NA
8270S	CHRYSENE	0.59	1.3 J	11 U	1.1 U	0.34 U	NA	0.15 J	0.34 U	0.85	0.28 J	0.24 J	1.4	1.2 J	0.66 J	1.2 J	1.3	3.3 J	1.1 J
8270S	DCDD	NA	NA	21 U	2.2 U	NA	NA	NA	NA	NA	NA	NA	2.2 U	21 U	2.2 U	NA	NA	NA	NA
8270S	DCDF	NA	NA	21 U	2.2 U	NA	NA	NA	NA	NA	NA	NA	2.2 U	21 U	2.2 U	NA	NA	NA	NA
8270S	DI-N-BUTYLPHTHALATE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.069 J	0.045 J	0.069 J	0.062 J
8270S	DI-N-OCTYLPHTHALATE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	DIALLATE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	DIBENZ(A,H)ANTHRACENE	0.13 J	0.2 J	11 U	1.1 U	0.2 U	NA	0.2 U	0.21 U	0.11 J	0.21 U	0.046 J	0.3 J	10 U	1.1 U	0.21 U	0.26	0.21 U	0.21 U
8270S	DIBENZOFURAN	0.34 U	0.055 J	11 U	1.1 U	0.34 U	NA	0.035 J	0.34 U	0.087 J	0.34 U	0.35 U	0.068 J	10 U	0.06 J	0.035 J	0.054 J	0.11 J	0.061 J
8270S	DIETHYLPHTHALATE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	DIMETHYLPHENETHYLAMINE	1.8 U	1.8 U	11 U	1.1 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.1 U	10 U	1.1 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	DIMETHYLPHTHALATE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	DINOSEB	R	0.34 U	NA	NA	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	NA	NA	NA	0.34 U	0.34 U	0.35 U	0.35 U
8270S	DIPHENYLAMINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	ETHYL METHANESULFONATE	0.031 U	0.031 U	11 U	1.1 U	0.031 U	NA	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	1.1 U	10 U	1.1 U	0.031 U	0.031 U	0.032 U	0.032 U
8270S	FLUORANTHENE	0.81	2.2	11 U	0.31 J	0.34 U	NA	0.47 J	0.34 U	1.9	0.46	0.43	2.4	1.8 J	1.3	1.8	1.2	4.1	2
8270S	FLUORENE	0.34 U	0.12 J	11 U	1.1 U	0.34 U	NA	0.053 J	0.34 U	0.065 J	0.34 U	0.35 U	0.096 J	10 U	1.1 U	0.079 J	0.099 J	0.18 J	0.13 J
8270S	HEXACHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	HEXACHLOROBUTADIENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	HEXACHLOROCYCLOPENTADIENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	HEXACHLOROETHANE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	HEXACHLOROPHENE	NA	NA	NA	220 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	220 U	NA	NA	NA	NA
8270S	HEXACHLOROPROPENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	INDENO(1,2,3-CD)PYRENE	0.54 J	0.85 J	11 U	1.1 U	0.2 U	NA	0.045 J	0.21 U	0.33	0.13 J	0.13 J	0.9 J	10 U	0.32 J	0.67 J	0.92	1.7 J	0.54 J
8270S	IRGASAN DP-300	NA	NA	53 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	5.4 U	52 U	0.57 J	NA	NA	NA	0.35 U
8270S	ISOPHORONE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	ISOSAFROLE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	METHAPYRILENE	3.4 U	3.4 U	11 U	1.1 U	3.4 U	NA	3.4 U	3.4 U	3.4 U	3.4 U	3.5 U	1.1 U	10 U	1.1 U	3.4 U	3.4 U	3.5 U	3.5 U
8270S	METHYL METHANESULFONATE	0.031 U	0.031 U	11 U	1.1 U	0.031 U	NA	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	1.1 U	10 U	1.1 U	0.031 U	0.031 U	0.032 U	0.032 U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.31 U	0.31 U	11 U	1.1 U	0.31 U	NA	0.31 U	0.31 U	0.31 U	0.31 U	0.32 U	1.1 U	10 U	1.1 U	0.31 U	0.31 U	0.32 U	0.32 U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.21 U	0.21 U	11 U	1.1 U	0.2 U	NA	0.2 U	0.21 U	0.21 U	0.21 U	0.22 U	R	10 U	1.1 U	0.21 U	0.21 U	0.21 U	0.21 U
8270S	N-NITROSODIETHYLAMINE	0.013 U	0.013 U	11 U	1.1 U	0.013 U	NA	0.013 U	0.014 U	0.013 U	0.014 U	0.014 U	1.1 U	10 U	1.1 U	0.014 U	0.014 U	0.014 U	0.014 U
8270S	N-NITROSODIMETHYLAMINE	0.061 U	0.061 U	11 U	1.1 U	0.05 U	NA	0.05 U	0.061 U	0.05 U	0.061 U	0.063 U	1.1 U	10 U	1.1 U	0.061 U	0.061 U	0.062 U	0.062 U
8270S	N-NITROSODIPHENYLAMINE	NA	NA	11 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	1.1 U	10 U	1.1 U	NA	NA	NA	NA
8270S	N-NITROSOMETHYLETHYLAMINE	0.34 U	0.34 U	NA	NA	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	NA	NA	NA	0.34 U	0.34 U	0.35 U	0.35 U
8270S	N-NITROSOMORPHOLINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	N-NITROSOPIPERIDINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	N-NITROSOPYRROLIDINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	NAPHTHALENE	0.34 U	0.037 J	11 U	0.092 J	0.34 U	NA	0.34 U	0.34 U	0.078 J	0.34 U	0.033 J	0.095 J	0.68 J	1.1 U	0.34 U	0.049 J	0.06 J	0.35 U
8270S	NITROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.12 J	10 U	0.14 J	0.34 U	0.081 J	0.35 U	0.35 U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.34 U	0.34 U	NA	NA	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	NA	NA	NA	0.34 U	0.34 U	0.35 U	0.35 U
8270S	O-TOLUIDINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.031 U	0.031 U	11 U	1.1 U	0.031 U	NA	0.031 U	0.031 U	0.031 U	0.031 U	0.032 U	1.1 U	10 U	1.1 U	0.031 U	0.031 U	0.032 U	0.032 U
8270S	P-PHENYLENEDIAMINE	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	52 U	50 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	PENTACHLOROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	PENTACHLOROETHANE	NA	NA	11 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	1.1 U	10 U	1.1 U	NA	NA	NA	NA
8270S	PENTACHLORONITROBENZENE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	R	0.34 U	0.34 U	0.35 U	0.35 U
8270S	PENTACHLOROPHENOL	1.8 U	1.8 U	53 U	5.5 U	1.7 U	NA	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	52 U	5.6 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	PHENACETIN	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	PHENANTHRENE	0.093 J	1.5	11 U	1.1 U	0.34 U	NA	0.52	0.34 U	1.2	0.18 J	0.14 J	1.2	1.1 J	0.77 J	1.2	0.68	2	1.4
8270S	PHENOL	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	PRONAMIDE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	PROPAZINE	NA	NA	53 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	R	52 U	5.6 U	NA	NA	NA	NA
8270S	PYRENE	1.3	4.5 J	11 U	0.34 J	0.34 U	NA	0.43 J	0.34 U	2	0.72 J	0.48	2.1	1.7 J	1.1	3.8 J	2.7	6.7	2.7 J
8270S	PYRIDINE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	SAFROLE	0.34 U	0.34 U	11 U	1.1 U	0.34 U	NA	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	1.1 U	10 U	1.1 U	0.34 U	0.34 U	0.35 U	0.35 U
8270S	TINUVIN 327	NA	NA	53 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	R	52 U	5.6 U	NA	NA	NA	NA
8270S	TINUVIN 328	NA	NA	NA	NA	5.1	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	TOFRANIL	NA	NA	53 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	R	52 U	5.6 U	NA	NA	NA	NA
8270S	TRCDD	NA	NA	21 U	2.2 U	NA	NA	NA	NA	NA	NA	NA	2.2 U	21 U	2.2 U	NA	NA	NA	NA
8270S	TRCDF	NA	NA	21 U	2.4	0 U	NA	0 U	NA	NA	NA	NA	1.2 J	21 U	2.2 U	NA	NA	NA	0 U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA	NA	NA	NA	0.00013 U	0.000077 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00029 U
SOWZS	1,2,3,4,6,7,8-HPCDF	NA	NA	NA	NA	0.00011 U	0.000073 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00019 U
SOWZS	1,2,3,4,7,8,9-HPCDF	NA	NA	NA	NA	0.00015 U	0.000095 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00026 U
SOWZS	1,2,3,4,7,8-HXCDD	NA	NA	NA	NA	0.00016 U	0.00012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00034 U
SOWZS	1,2,3,4,7,8-HXCDF	NA	NA	NA	NA	0.00012 U	0.00006 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00021 U
SOWZS	1,2,3,6,7,8-HXCDD	NA	NA	NA	NA	0.00015 U	0.00012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00033 U
SOWZS	1,2,3,6,7,8-HXCDF	NA	NA	NA	NA	0.00011 U	0.000055 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0002 U
SOWZS	1,2,3,7,8,9-HXCDD	NA	NA	NA	NA	0.00015 U	0.00011 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00033 U
SOWZS	1,2,3,7,8,9-HXCDF	NA	NA	NA	NA	0.00015 U	0.00007 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00025 U
SOWZS	1,2,3,7,8-PECDD	NA	NA	NA	NA	0.0002 U	0.000071 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00037 U
SOWZS	1,2,3,7,8-PECDF	NA	NA	NA	NA	0.00016 U	0.000044 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00037 U
SOWZS	2,3,4,6,7,8-HXCDF	NA	NA	NA	NA	0.00013 U	0.000063 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00022 U
SOWZS	2,3,4,7,8-PECDF	NA	NA	NA	NA	0.00017 U	0.000047 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004 U
SOWZS	2,3,7,8-TCDD	NA	NA	R	R	0.00014 U	0.000043 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00029 U
SOWZS	2,3,7,8-TCDF	NA	NA	NA	NA	0.00014 U	0.000047 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00033 U
SOWZS	HPCDD	NA	NA	NA	NA	0.00013 U	0.000077 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00029 U
SOWZS	HPCDF	NA	NA	NA	NA	0.00011 U	0.000073 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00019 U
SOWZS	HXCDD	NA	NA	R	R	0.00015 U	0.00011 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00033 U
SOWZS	HXCDF	NA	NA	R	R	0.00011 U	0.000055 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.0002 U
SOWZS	OCDD	NA	NA	NA	NA	0.00077 U	0.00046 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00087 U
SOWZS	OCDF	NA	NA	NA	NA	0.00028 U	0.00014 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00045 U
SOWZS	PECDD	NA	NA	R	R	0.0002 U	0.000071 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00037 U
SOWZS	PECDF	NA	NA	R	R	0.00016 U	0.000044 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00037 U
SOWZS	TCDD	NA	NA	R	R	0.00014 U	0.000043 U	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00029 U
SOWZS	TCDF	NA	NA	R	R	0.00014 U	0.00013 J	NA	NA	NA	NA	NA	R	R	R	NA	NA	NA	0.00033 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	2 to 4	3 to 5	3 to 7	3 to 7
	LOCATOR	AOI15/B15A	SMU2/B2G2	SMU3/B3C	SMU3/B3E2	SMU3/B3G2	SMU3/B3H2	SMU7/B7A	SMU7/B7H2	SMU8/B8E2	SMU8/B8G2	SMU8/B8H2	SMU11/B11A	SMU11/B11B	SMU11/B11B
	SAMPLE NUMBER	B-15A*IB-2	B-2G2*II-1	B-3C*IB-2	B-3E2*II-1	B-3G2*II-1	B-3H2*II-1	B-7A*IB-1	B-7H2*II-1	B-8E2*II-1	B-8G2*II-1	B-8H2*II-1	B-11A*IB-1	B-11B*IB-1	B-11B*IB-2
	COLLECT DATE	3/14/91	7/9/93	3/18/91	7/12/93	7/12/93	7/12/93	11/20/90	7/23/93	7/24/93	7/24/93	7/24/93	12/6/90	11/20/90	3/15/91
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8080S	4,4'-DDD	0.0011 U	0.018 U	0.011 U	0.0034 U	0.0035 U	0.0035 U	0.1 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.01 U	0.1 U	0.052 U
8080S	4,4'-DDE	0.031	0.018 U	0.011 U	0.0034 U	0.0035 U	0.0035 U	0.1 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.01 U	0.71 J	0.052 U
8080S	4,4'-DDT	0.057	0.018 U	0.022 U	0.0034 U	0.0035 U	0.0035 U	0.2 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.021 U	0.35	0.1 U
8080S	ALDRIN	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.44 J	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	ALPHA-BHC	0.0011 U	0.0092 U	0.018	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	ALPHA-CHLORDANE	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	BETA-BHC	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	CHLOROBENZILATE	NA	0.092 U	NA	0.018 U	0.018 U	0.018 U	NA	0.094 U	0.017 U	0.088 U	0.018 U	NA	NA	NA
8080S	DELTA-BHC	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	DIELDRIN	0.0011 U	0.018 U	0.011 U	0.0034 U	0.0035 U	0.0035 U	0.1 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.01 U	0.1 U	0.052 U
8080S	ENDOSULFAN I	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	ENDOSULFAN II	0.0033 U	0.018 U	0.033 U	0.0034 U	0.0035 U	0.0035 U	0.31 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.031 U	0.31 U	0.16 U
8080S	ENDOSULFAN SULFATE	0.0055 U	0.018 U	0.055 U	0.0034 U	0.0035 U	0.0035 U	0.51 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.052 U	0.51 U	0.26 U
8080S	ENDRIN	0.0011 U	0.018 U	0.011 U	0.0034 U	0.0035 U	0.0035 U	0.1 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.01 U	0.1 U	0.052 U
8080S	ENDRIN ALDEHYDE	0.0022 U	0.018 U	0.022 U	0.0034 U	0.0035 U	0.0035 U	0.2 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.021 U	0.21 U	0.1 U
8080S	GAMMA-BHC	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	GAMMA-CHLORDANE	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.028 J	0.0027 J	0.024 J	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	HEPTACHLOR	0.0011 U	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.042 J
8080S	HEPTACHLOR EPOXIDE	0.084	0.0092 U	0.011 U	0.0018 U	0.0018 U	0.0018 U	0.1 U	0.0094 U	0.0017 U	0.0088 U	0.0018 U	0.01 U	0.1 U	0.052 U
8080S	ISODRIN	0.029	0.018 U	0.011 U	0.0034 U	0.0035 U	0.0035 U	0.1 U	0.018 U	0.0034 U	0.017 U	0.0035 U	0.01 U	0.22	0.052 U
8080S	KEPONE	0.0011 U	0.092 U	0.011 U	0.018 U	0.018 U	0.018 U	0.1 U	0.094 U	0.017 U	0.088 U	0.018 U	0.01 U	0.1 U	0.052 U
8080S	METHOXYCHLOR	0.022	0.092 U	0.055 U	0.018 U	0.018 U	0.056 J	0.51 U	0.94 U	0.032 J	0.088 U	0.44 D	0.052 U	0.51 U	0.26 U
8080S	PCB-1016	0.011 U	0.18 U	0.11 U	0.034 U	0.035 U	0.035 U	1 U	0.37 U	0.034 U	0.17 U	0.035 U	0.1 U	1 U	0.52 U
8080S	PCB-1221	0.022 U	0.36 U	0.22 U	0.07 U	0.071 U	0.07 U	2 U	0.18 U	0.068 U	0.35 U	0.071 U	0.21 U	2.1 U	1 U
8080S	PCB-1232	0.022 U	0.18 U	0.22 U	0.034 U	0.035 U	0.035 U	2 U	0.18 U	0.034 U	0.17 U	0.035 U	0.21 U	2.1 U	1 U
8080S	PCB-1242	0.011 U	0.18 U	0.11 U	0.034 U	0.035 U	0.035 U	1 U	0.18 U	0.034 U	0.17 U	0.035 U	0.1 U	1 U	0.52 U
8080S	PCB-1248	0.011 U	0.18 U	0.11 U	0.034 U	0.035 U	0.035 U	1 U	0.18 U	0.034 U	0.17 U	0.035 U	0.1 U	1 U	0.52 U
8080S	PCB-1254	0.022 U	2.4	1.4	0.44	1.2 J	3	2 U	1.6 J	0.26	0.95	0.21	0.21 U	2.1 U	9
8080S	PCB-1260	0.022 U	0.18 U	0.22 U	1.81 D	0.035 U	0.035 U	13 J	0.18 U	0.034 U	0.17 U	0.035 U	0.21 U	2.1 U	1 U
8080S	TOXAPHENE	0.055 U	0.92 U	0.55 U	0.18 U	0.18 U	0.18 U	5.1 U	0.18 U	0.17 U	0.88 U	0.18 U	0.52 U	5.1 U	2.6 U
814ZS	DIMETHOATE	0.11 U	0.36 U	0.11 U	0.34 U	0.35 U	0.34 U	0.11 U	0.37 U	0.34 U	0.34 U	0.35 U	0.1 U	R	0.11 U
814ZS	DISULFOTON	0.11 U	0.14 U	0.11 U	0.13 U	0.14 U	0.14 U	0.11 U	0.14 U	0.13 U	0.14 U	0.14 U	0.1 U	R	0.11 U
814ZS	ETHYL PARATHION	0.083 U	0.036 U	0.083 U	0.034 U	0.035 U	0.034 U	0.079 U	0.037 U	0.034 U	0.034 U	0.035 U	0.078 U	R	0.081 U
814ZS	FAMPHUR	0.28 U	0.36 U	0.28 U	0.34 U	0.35 U	0.34 U	0.26 U	0.37 U	0.34 U	0.34 U	0.35 U	0.26 U	R	0.27 U
814ZS	METHYL PARATHION	0.017 U	0.018 U	0.017 U	0.018 U	0.018 U	0.018 U	0.007 J	0.019 U	0.017 U	0.018 U	0.018 U	0.016 U	R	0.016 U
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.55 U	NA	0.55 U	NA	NA	NA	0.53 U	NA	NA	NA	NA	0.52 U	R	0.54 U
814ZS	PHORATE	0.083 U	0.036 U	0.083 U	0.034 U	0.035 U	0.034 U	0.079 U	0.037 U	0.034 U	0.034 U	0.035 U	0.078 U	R	0.081 U
814ZS	SULFOTEPP	0.055 U	0.018 U	0.055 U	0.018 U	0.018 U	0.018 U	0.053 U	0.019 U	0.017 U	0.018 U	0.018 U	0.052 U	R	0.054 U
814ZS	THIONAZIN	0.55 U	0.036 U	0.55 U	0.034 U	0.035 U	0.034 U	0.53 U	0.037 U	0.034 U	0.034 U	0.035 U	0.52 U	R	0.54 U
815ZS	2,4,5-T	0.022 U	NA	0.022 U	NA	NA	NA	0.02 U	NA	NA	NA	NA	0.021 U	0.02 U	0.021 U
815ZS	2,4,5-TP (SILVEX)	0.019 U	NA	0.019 U	NA	NA	NA	0.017 U	NA	NA	NA	NA	0.018 U	0.017 U	0.0072 J
815ZS	2,4-D	0.13 U	NA	0.13 U	NA	NA	NA	0.12 U	NA	NA	NA	NA	0.13 U	0.0082 J	0.016 J
815ZS	DINOSEB	0.016 U	NA	0.0054 J	NA	NA	NA	0.015 U	NA	NA	NA	NA	0.016 U	0.015 U	0.016 U
8240S	1,1,1,2-TETRACHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,1,1-TRICHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,1,2,2-TETRACHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,1,2-TRICHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,1-DICHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,1-DICHLOROETHENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,2,3-TRICHLOROPROPANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.44 U	NA	0.44 U	0.01 U	0.011 U	0.01 U	0.42 U	0.011 U	0.01 U	0.01 U	0.011 U	53 U	220 U	54 U
8240S	1,2-DIBROMOETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,2-DICHLOROETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	1,2-DICHLOROPROPANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	2-BUTANONE	0.22 U	NA	0.22 U	0.026 U	0.026 U	0.026 U	0.21 U	0.028 U	0.026 U	0.026 U	0.026 U	26 U	110 U	27 U
8240S	2-CHLORO-1,3-BUTADIENE	0.55 U	NA	0.56 U	0.01 U	0.011 U	0.01 U	0.53 U	0.011 U	0.01 U	0.01 U	0.011 U	66 U	270 U	67 U
8240S	2-HEXANONE	0.22 U	NA	0.22 U	0.026 U	0.026 U	0.026 U	0.21 U	0.028 U	0.026 U	0.026 U	0.026 U	26 U	110 U	27 U
8240S	3-CHLOROPROPENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	4-METHYL-2-PENTANONE	0.22 U	NA	0.22 U	0.026 U	0.026 U	0.026 U	0.21 U	0.028 U	0.026 U	0.026 U	0.026 U	26 U	110 U	27 U
8240S	ACETONE	0.22 U	NA	0.22 U	0.026 U	0.026 U	0.026 U	0.21 U	0.028 U	0.026 U	0.026 U	0.026 U	26 U	110 U	27 U
8240S	ACETONITRILE	0.44 U	NA	0.44 U	0.21 U	0.21 U	0.21 U	0.42 U	0.22 U	0.2 U	0.21 U	0.21 U	53 U	220 U	54 U
8240S	ACROLEIN	R	NA	R	R	R	R	R	0.22 U	0.2 U	0.21 U	0.21 U	R	R	R
8240S	ACRYLONITRILE	1.1 U	NA	1.1 U	0.1 U	0.11 U	0.1 U	1.1 U	0.11 U	0.1 U	0.1 U	0.11 U	130 U	540 U	130 U
8240S	BENZENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	BROMODICHLOROMETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	BROMOFORM	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	BROMOMETHANE	0.22 U	NA	0.22 U	0.01 U	0.011 U	0.01 U	0.21 U	0.011 U	0.01 U	0.01 U	0.011 U	26 U	110 U	27 U
8240S	CARBON DISULFIDE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	CARBON TETRACHLORIDE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	CHLOROBENZENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	CHLOROETHANE	0.22 U	NA	0.22 U	0.01 U	0.011 U	0.01 U	0.21 U	0.011 U	0.01 U	0.01 U	0.011 U	26 U	110 U	27 U
8240S	CHLOROFORM	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	CHLOROMETHANE	0.22 U	NA	0.22 U	0.01 U	0.011 U	0.01 U	0.21 U	0.011 U	0.01 U	0.01 U	0.011 U	26 U	110 U	27 U
8240S	CIS-1,3-DICHLOROPROPENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	DIBROMOCHLOROMETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	DIBROMOMETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	DICHLORODIFLUOROMETHANE	0.44 U	NA	0.44 U	0.0052 U	0.0053 U	0.0052 U	0.42 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	53 U	220 U	54 U
8240S	ETHYL METHACRYLATE	0.22 U	NA	0.22 U	0.0052 U	0.0053 U	0.0052 U	0.21 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	26 U	110 U	27 U
8240S	ETHYLBENZENE	0.11 U	NA	0.11 U	0.0052 U	0.018	0.0052 U	0.04 J	0.0056 U	0.0051 U	0.0052 U	0.0053 U	18 J	29 J	14
8240S	IODOMETHANE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	ISOBUTANOL	NA	NA	NA	R	R	R	NA	R	R	R	R	NA	NA	NA
8240S	M&P-XYLENE	0.11 U	NA	0.11 U	0.0052 U	0.048 J	0.0056 J	0.21	0.0056 U	0.016	0.028 J	0.0053 U	59	120	53
8240S	METHACRYLONITRILE	NA	NA	NA	0.1 U	0.11 U	0.1 U	NA	0.11 U	0.1 U	0.1 U	0.11 U	NA	NA	NA
8240S	METHYL METHACRYLATE	0.22 U	NA	0.22 U	0.0052 U	0.0053 U	0.0052 U	0.21 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	26 U	110 U	27 U
8240S	METHYLENE CHLORIDE	0.28 U	NA	0.31 U	0.006	0.0075	0.0067	0.17 U	0.0056 U	0.0092	0.0094 J	0.0084 J	13 U	54 U	13 U
8240S	N-OCTANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8240S	O-XYLENE	0.11 U	NA	0.11 U	0.0052 U	0.018	0.0052 U	0.1	0.0056 U	0.0051 U	0.013 J	0.0053 U	14 J	27 J	11 J
8240S	PENTACHLOROETHANE	NA	NA	NA	0.026 U	0.026 U	0.026 U	NA	0.028 U	0.026 U	0.026 U	0.026 U	NA	NA	NA
8240S	PROPANENITRILE	2.2 U	NA	2.2 U	0.21 U	0.21 U	0.21 U	2.1 U	0.22 U	0.2 U	0.21 U	0.21 U	260 U	110 U	270 U
8240S	STYRENE	0.11 U	NA	0.11 U	0.0052 U	0.029	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	TETRACHLOROETHENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	TOLUENE	0.016 J	NA	0.041 J	0.0052 U	0.011	0.0052 U	0.53 J	0.0056 U	0.0051 U	0.0056 J	0.0053 U	1200	700 J	530 J
8240S	TRANS-1,2-DICHLOROETHENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	TRANS-1,3-DICHLOROPROPENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.22 U	NA	0.22 U	0.0052 U	0.0053 U	0.0052 U	0.21 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	26 U	110 U	27 U
8240S	TRICHLOROETHENE	0.11 U	NA	0.11 U	0.0052 U	0.0053 U	0.0052 U	0.1 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	13 U	54 U	13 U
8240S	TRICHLOROFLUOROMETHANE	0.22 U	NA	0.22 U	0.0052 U	0.0053 U	0.0052 U	0.21 U	0.0056 U	0.0051 U	0.0052 U	0.0053 U	26 U	110 U	27 U
8240S	VINYL ACETATE	0.11 U	NA	0.11 U	0.01 U	0.011 U	0.01 U	0.1 U	0.011 U	0.01 U	0.01 U	0.011 U	13 U	54 U	13 U
8240S	VINYL CHLORIDE	0.22 U	NA	0.22 U	0.01 U	0.011 U	0.01 U	0.21 U	0.011 U	0.01 U	0.01 U	0.011 U	26 U	110 U	27 U
824DS	1,4-DIOXANE	11 U	NA	11 U	NA	NA	NA	10 U	NA	NA	NA	NA	11 U	10 U	11 U
824DS	ISOBUTANOL	11 U	NA	11 U	NA	NA	NA	10 U	NA	NA	NA	NA	11 U	10 U	11 U
824DS	METHACRYLONITRILE	11 U	NA	11 U	NA	NA	NA	10 U	NA	NA	NA	NA	11 U	10 U	11 U
8270S	1,2,4,5-TETRACHLOROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	1,2,4-TRICHLOROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	0.19 J	11 U	0.64 J
8270S	1,2-DICHLOROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	0.76 J
8270S	1,3,5-TRINITROBENZENE	NA	0.36 U	NA	0.34 U	0.35 U	0.34 U	NA	0.37 U	0.34 U	3.4 U	0.35 U	NA	NA	NA
8270S	1,3-DICHLOROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	1,3-DINITROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	1,4-DICHLOROBENZENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	1,4-DIOXANE	NA	0.36 U	NA	0.34 U	0.35 U	0.34 U	NA	0.37 U	0.34 U	3.4 U	0.35 U	NA	NA	NA
8270S	1,4-NAPHTHOQUINONE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	1-NAPHTHYLAMINE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,3,4,6-TETRACHLOROPHENOL	2.2 U	1.8 U	2.2 U	1.8 U	1.8 U	1.8 U	2.1 U	1.9 U	1.7 U	18 U	1.8 U	2.1 U	21 U	2.1 U
8270S	2,4,5-TRICHLOROPHENOL	1.1 U	1.8 U	1.1 U	1.8 U	1.8 U	1.8 U	1.1 U	1.9 U	1.7 U	18 U	1.8 U	1 U	11 U	1 U
8270S	2,4,6-TRICHLOROPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,4-DICHLOROPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	3.8	6.2 J	3.4
8270S	2,4-DIMETHYLPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,4-DINITROPHENOL	5.5 U	1.8 U	5.5 U	1.8 U	1.8 U	1.8 U	5.3 U	1.9 U	1.7 U	R	R	5.2 U	53 U	5.2 U
8270S	2,4-DINITROTOLUENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,6-DICHLOROPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2,6-DINITROTOLUENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-ACETYLAMINOFLUORENE	5.5 U	0.36 U	5.5 U	0.34 U	0.35 U	0.34 U	5.3 U	0.37 U	0.34 U	3.4 U	0.35 U	5.2 U	53 U	5.2 U
8270S	2-CHLORONAPHTHALENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-CHLOROPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-METHYLNAPHTHALENE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.081 J	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-METHYLPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-NAPHTHYLAMINE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-NITROANILINE	5.5 U	1.8 U	5.5 U	1.8 U	1.8 U	1.8 U	5.3 U	1.9 U	1.7 U	18 U	1.8 U	5.2 U	53 U	5.2 U
8270S	2-NITROPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	2-PICOLINE	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	3&4-METHYLPHENOL	NA	0.026 J	NA	0.88	0.38	1.2	NA	0.61	0.34 U	3.4 U	0.35 U	NA	NA	NA
8270S	3,3'-DICHLOROBENZIDINE	2.2 U	0.72 U	2.2 U	0.69 U	0.7 U	0.69 U	2.1 U	0.73	0.67 U	6.9 U	0.7 U	2.1 U	21 U	2.1 U
8270S	3,3'-DIMETHYLBENZIDINE	2.2 U	0.22 U	2.2 U	0.21 U	0.21 U	0.21 U	2.1 U	0.22 U	0.2 U	2.1 U	0.21 U	2.1 U	21 U	2.1 U
8270S	3-METHYLCHOLANTHRENE	1.1 U	0.22 U	1.1 U	0.21 U	0.21 U	0.21 U	1.1 U	0.22 U	0.2 U	2.1 U	0.21 U	1 U	11 U	1 U
8270S	3-METHYLPHENOL	1.1 U	NA	1.1 U	NA	NA	NA	1.1 U	NA	NA	NA	NA	1 U	11 U	1 U
8270S	3-NITROANILINE	5.5 U	1.8 U	5.5 U	1.8 U	1.8 U	1.8 U	5.3 U	1.9 U	1.7 U	18 U	1.8 U	5.2 U	53 U	5.2 U
8270S	4,6-DINITRO-2-METHYLPHENOL	5.5 U	1.8 U	5.5 U	1.8 U	1.8 U	1.8 U	5.3 U	1.9 U	1.7 U	18 U	1.8 U	5.2 U	53 U	5.2 U
8270S	4-AMINOBIPHENYL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	4-BROMOPHENYL-PHENYLETHER	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U
8270S	4-CHLORO-3-METHYLPHENOL	1.1 U	0.36 U	1.1 U	0.34 U	0.35 U	0.34 U	1.1 U	0.37 U	0.34 U	3.4 U	0.35 U	1 U	11 U	1 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		3 to 5		3 to 7		3 to 7	
	LOCATOR	AOI15/B15A		SMU2/B2G2		SMU3/B3C		SMU3/B3E2		SMU3/B3G2		SMU3/B3H2		SMU7/B7A		SMU7/B7H2		SMU8/B8E2		SMU8/B8G2		SMU8/B8H2		SMU11/B11A		SMU11/B11B		SMU11/B11B	
	SAMPLE NUMBER	B-15A*IB-2		B-2G2*II-1		B-3C*IB-2		B-3E2*II-1		B-3G2*II-1		B-3H2*II-1		B-7A*IB-1		B-7H2*II-1		B-8E2*II-1		B-8G2*II-1		B-8H2*II-1		B-11A*IB-1		B-11B*IB-1		B-11B*IB-2	
	COLLECT DATE	3/14/91		7/9/93		3/18/91		7/12/93		7/12/93		7/12/93		11/20/90		7/23/93		7/24/93		7/24/93		7/24/93		12/6/90		11/20/90		3/15/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	4-CHLOROANILINE	1.1	U	0.72	U	1.1	U	0.69	U	0.7	U	0.69	U	1.1	U	0.1	J	0.67	U	0.36	J	0.042	J	1	U	11	U	1	U
8270S	4-CHLOROPHENYL-PHENYLETHER	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	4-METHYLPHENOL	1.1	U	NA		1.1	U	NA		NA		NA		0.1	J	NA		NA		NA		NA		1	U	11	U	1	U
8270S	4-NITROANILINE	5.5	U	1.8	U	5.5	U	1.8	U	1.8	U	1.8	U	5.3	U	1.9	U	1.7	U	18	U	1.8	U	5.2	U	53	U	5.2	U
8270S	4-NITROPHENOL	5.5	U	1.8	U	5.5	U	1.8	U	1.8	U	1.8	U	5.3	U	1.9	U	1.7	U	18	U	1.8	U	5.2	U	53	U	5.2	U
8270S	4-NITROQUINOLINE-N-OXIDE		R		R		R		R		R		R	11	U		R		R		R		R		R	110	U		R
8270S	5-NITRO-O-TOLUIDINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	5.5	U	0.22	U	5.5	U	0.21	U	0.21	U	0.21	U	5.3	U	0.22	U	0.2	U	2.1	U	0.21	U	5.2	U	53	U	5.2	U
8270S	ACENAPHTHENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.049	J	1	U	11	U	1	U
8270S	ACENAPHTHYLENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	ACETOPHENONE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	ANILINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.21	J	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	ANTHRACENE	0.16	J	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.088	J	3.4	U	0.14	J	1	U	11	U	0.21	J
8270S	ARAMITE	11	U		R	11	U		R		R		R	11	U		R		R		R		R	10	U	110	U	10	U
8270S	BENZO(A)ANTHRACENE	1.2		0.15	J	1.1	U	0.24	U	0.24	U	0.24	U	1.1	U	0.14	J	0.22	J	0.57	J	0.45		1	U	11	U	0.31	J
8270S	BENZO(A)PYRENE	1.2		0.19	J	1.1	U	0.24	U	0.24	U	0.031	J	1.1	U	0.14	J	0.23	J	0.56	J	0.4		1	U	11	U	1	U
8270S	BENZO(B)FLUORANTHENE	2.2		0.31		1.1	U	0.24	U	0.028	J	0.047	J	1.1	U	0.23	J	0.3	J	0.67	J	0.52		1	U	11	U	0.41	J
8270S	BENZO(G,H,I)PERYLENE	0.98	J	0.14	J	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.12	J	0.34	U	3.4	U	0.26	J	1	U	11	U	1	U
8270S	BENZO(K)FLUORANTHENE	2.8		0.11	J	1.1	U	0.24	U	0.24	U	0.24	U	1.1	U	0.077	J	0.23	U	2.4	U	0.22	J	1	U	11	U	0.49	J
8270S	BENZYL ALCOHOL	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	BIS(2-CHLOROETHOXY)METHANE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	BIS(2-CHLOROETHYL)ETHER	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	0.43		1.1	U	0.13	J	0.16	J	0.49		1.1	U	0.48	U	1.1	J	2.2	J	0.61		3.7	U	11	U	1	U
8270S	BUTAZOLIDIN	5.5	U	NA		5.5	U	NA		NA		NA		5.3	U	NA		NA		NA		NA		5.2	U	53	U	5.2	U
8270S	BUTYLBENZYLPHTHALATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	0.13	J	0.37	U	0.37	J	3.4	U	0.044	J	1	U	11	U	1	U
8270S	CHLOROBENZILATE	1.1	U	NA		1.1	U	NA		NA		NA		1.1	U	NA		NA		NA		NA		1	U	11	U	1	U
8270S	CHRYSENE	1.8		0.23	J	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.16	J	0.25	J	0.66	J	0.46		1	U	11	U	0.38	J
8270S	DCDD	2.2	U	NA		2.2	U	NA		NA		NA		2.1	U	NA		NA		NA		NA		2.1	U	21	U	2.1	U
8270S	DCDF	2.2	U	NA		2.2	U	NA		NA		NA		2.1	U	NA		NA		NA		NA		1.6	J	2	J	2.1	U
8270S	DI-N-BUTYLPHTHALATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	0.049	J	0.37	U	0.042	J	3.4	U	0.048	J	1	U	11	U	1	U
8270S	DI-N-OCTYLPHTHALATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	DIALLATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	DIBENZ(A,H)ANTHRACENE	0.11	J	0.22	U	1.1	U	0.21	U	0.21	U	0.21	U	1.1	U	0.22	U	0.2	U	2.1	U	0.066	J	1	U	11	U	1	U
8270S	*DIBENZOFURAN*	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	0.14	J
8270S	DIETHYLPHTHALATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	0.67	J	1	U
8270S	*DIMETHYLPHENETHYLAMINE*	1.1	U	1.8	U	1.1	U	1.8	U	1.8	U	1.8	U	1.1	U	1.9	U	1.7	U	18	U	1.8	U	1	U	11	U	1	U
8270S	DIMETHYLPHTHALATE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	DINOSEB	NA		0.36	U	NA			R		R		R	NA		0.37	U	0.34	U	3.4	U	0.35	U	NA		NA		NA	
8270S	DIPHENYLAMINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	ETHYL METHANESULFONATE	1.1	U	0.033	U	1.1	U	0.031	U	0.032	U	0.031	U	1.1	U	0.033	U	0.031	U	0.31	U	0.032	U	1	U	11	U	1	U
8270S	FLUORANTHENE	3.2		0.38		0.31	J	0.34	U	0.35	U	0.054	J	0.083	J	0.31	J	0.34		1.1	J	0.94		0.1	J	1.2	J	0.81	J
8270S	FLUORENE	0.075	J	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.061	J	3.4	U	0.054	J	1	U	11	U	1	U
8270S	HEXACHLOROBENZENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	HEXACHLOROBUTADIENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	HEXACHLOROCYCLOPENTADIENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	HEXACHLOROETHANE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	HEXACHLOROPHENE	220	U	NA		220	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		210	U
8270S	HEXACHLOROPROPENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	INDENO(1,2,3-CD)PYRENE	0.87	J	0.15	J	1.1	U	0.21	U	0.21	U	0.21	U	1.1	U	0.11	J	0.2	U	2.1	U	0.24		1	U	11	U	1	U
8270S	IRGASAN DP-300	5.5	U	NA		5.5	U	NA		NA		NA		5.3	U	NA		NA		NA		NA		84	J	280		45	J
8270S	ISOPHORONE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	ISOSAFROLE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	METHAPYRILENE	1.1	U	3.6	U	1.1	U	3.4	U	3.5	U	3.4	U	1.1	U	3.7	U	3.4	U	34	U	3.5	U	1	U	11	U	1	U
8270S	METHYL METHANESULFONATE	1.1	U	0.033	U	1.1	U	0.031	U	0.032	U	0.031	U	1.1	U	0.033	U	0.031	U	0.31	U	0.032	U	1	U	11	U	1	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1.1	U	0.33	U	1.1	U	0.31	U	0.32	U	0.31	U	1.1	U	0.3	U	0.31	U	3.1	U	0.32	U	1	U	11	U	1	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1.1	U	0.22	U	1.1	U	0.21	U	0.21	U	0.21	U	1.1	U	0.22	U	0.2	U	2.1	U	0.21	U	1	U	11	U	1	U
8270S	N-NITROSODIETHYLAMINE	1.1	U	0.014	U	1.1	U	0.014	U	0.014	U	0.014	U	1.1	U	0.014	U	0.013	U	0.14	U	0.014	U	1	U	11	U	1	U
8270S	N-NITROSODIMETHYLAMINE	1.1	U	0.053	U	1.1	U	0.051	U	0.052	U	0.051	U	1.1	U	0.054	U	0.05	U	0.51	U	0.052	U	1	U	11	U	1	U
8270S	N-NITROSODIPHENYLAMINE	1.1	U	NA		1.1	U	NA		NA		NA		1.1	U	NA		NA		NA		NA		1	U	11	U	1	U
8270S	N-NITROSOMETHYLETHYLAMINE	NA		0.36	U	NA		0.34	U	0.35	U	0.34	U	NA		0.37	U	0.34	U	3.4	U	0.35	U	NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	N-NITROSOPIPERIDINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	N-NITROSOPYRROLIDINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	NAPHTHALENE	1.1	U	0.36	U	0.089	J	0.34	U	0.35	U	0.34	U	0.059	J	0.37	U	0.029	J	3.4	U	0.35	U	0.26	J	0.68	J	1	U
8270S	NITROBENZENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	0.28	J
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		0.36	U	NA		0.34	U	0.35	U	0.34	U	NA		0.37	U	0.34	U	3.4	U	0.35	U	NA		NA		NA	
8270S	O-TOLUIDINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	P-DIMETHYLAMINOAZOBENZENE	1.1	U	0.033	U	1.1	U	0.031	U	0.032	U	0.031	U	1.1	U	0.033	U	0.031	U	0.31	U	0.032	U	1	U	11	U	1	U
8270S	P-PHENYLENEDIAMINE	5.5	U	1.8	U	5.5	U	1.8	U	1.8	U	1.8	U	5.3	U	1.9	U	1.7	U	18	U	1.8	U	5.2	U	53	U	5.2	U
8270S	PENTACHLOROBENZENE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	*PENTACHLOROETHANE*	1.1	U	NA		1.1	U	NA		NA		NA		1.1	U	NA		NA		NA		NA		1	U	11	U	1	U
8270S	PENTACHLORONITROBENZENE		R	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U		R
8270S	PENTACHLOROPHENOL	5.5	U	1.8	U	5.5	U	1.8	U	1.8	U	1.8	U	5.3	U	1.9	U	1.7	U	18	U	1.8	U	5.2	U	53	U	5.2	U
8270S	PHENACETIN	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	PHENANTHRENE	1.5		0.19	J	1.1	U	0.34	U	0.35	U	0.34	U	0.046	J	0.079	J	0.31	J	0.58	J	0.5		0.075	J	1	J	0.75	J
8270S	PHENOL	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	0.54	J
8270S	PRONAMIDE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	PROPAZINE	5.5	U	NA		5.5	U	NA		NA		NA		5.3	U	NA		NA		NA		NA		5.2	U	53	U	5.2	U
8270S	PYRENE	2.8		0.34	J	0.37	J	0.34	U	0.35	U	0.057	J	0.11	J	0.29	J	0.66	J	1.1	J	0.95		0.12	J	11	U	0.74	J
8270S	PYRIDINE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	SAFROLE	1.1	U	0.36	U	1.1	U	0.34	U	0.35	U	0.34	U	1.1	U	0.37	U	0.34	U	3.4	U	0.35	U	1	U	11	U	1	U
8270S	TINUVIN 327	5.5	U	NA		5.5	U	NA		NA		NA		5.3	U	NA		NA		NA		NA		5.2	U	53	U	5.2	U
8270S	*TINUVIN 328*	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	5.5	U	NA		5.5	U	NA		NA		NA		5.3	U	NA		NA		NA		NA		5.2	U	53	U	5.2	U
8270S	TRCDD	2.2	U	NA		2.2	U	NA		NA		NA		2.1	U	NA		NA		NA		NA		2.1	U	21	U	2.1	U
8270S	TRCDF	2.2	U	NA		2.2	U	NA		NA		NA		0.83	J	NA		NA		NA		NA		35		150		270	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HXCDD		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	HXCDF		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	PECDD		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	PECDF		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	TCDD		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R
SOWZS	TCDF		R	NA			R	NA		NA		NA			R	NA		NA		NA		NA			R		R		R

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

M7/27/95

	SITE	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	5 to 7	6 to 8	6 to 8
	LOCATOR	AOC13/B13A3	SMU2/B2E3	SMU2/B2G3	SMU3/B3I3	SMU7/B7C	SMU7/B7F3	SMU8/B8C	SMU8/B8D3	SMU8/B8E3	SMU8/B8F3	SMU8/B8F3	SMU11/B11C	AOC13/B13A4	SMU2/B2B
	SAMPLE NUMBER	B-13A3*II-1	B-2E3*II-1	B-2G3*II-1	B-3I3*II-1	B-7C*IB-2	B-7F3*II-1	B-8C*IB-2	B-8D3*II-1	B-8E3*II-1	B-8F3*II-1	B-DUP3*II-1	B-11C*IB-2	B-13A4*II-1	B-2B*IB-1
	COLLECT DATE	7/20/93	7/9/93	7/9/93	7/13/93	3/18/91	7/23/93	3/14/91	7/24/93	7/24/93	7/24/93	7/24/93	3/15/91	7/20/93	12/6/90
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8080S	4,4'-DDD	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0011 U	0.072 U	0.012 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.23 J	0.0034 U	0.0011 U
8080S	4,4'-DDE	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0011 U	0.072 U	0.012 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.051 U	0.0034 U	0.0011 U
8080S	4,4'-DDT	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0022 U	0.084 J	0.023 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.1 U	0.0034 U	0.0023 U
8080S	ALDRIN	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	ALPHA-BHC	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.018 J	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	ALPHA-CHLORDANE	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	BETA-BHC	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.1 J	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	CHLOROBENZILATE	0.018 U	0.018 U	0.018 U	0.018 U	NA	0.37 U	NA	0.018 U	0.018 U	0.02 U	0.02 U	NA	0.018 U	NA
8080S	DELTA-BHC	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.086 J	0.0018 U	0.0011 U
8080S	DIELDRIN	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0011 U	0.072 U	0.012 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.051 U	0.0034 U	0.0011 U
8080S	ENDOSULFAN I	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	ENDOSULFAN II	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0033 U	0.072 U	0.035 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.15 U	0.0034 U	0.0034 U
8080S	ENDOSULFAN SULFATE	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0055 U	0.096 J	0.058 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.26 U	0.0034 U	0.0056 U
8080S	ENDRIN	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0011 U	0.072 U	0.012 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.051 U	0.0034 U	0.0011 U
8080S	ENDRIN ALDEHYDE	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0022 U	0.072 U	0.023 U	0.0036 U	0.0035 U	0.004 U	0.0038 U	0.1 U	0.0034 U	0.0023 U
8080S	GAMMA-BHC	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.006	0.037 U	0.036	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	GAMMA-CHLORDANE	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	HEPTACHLOR	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.008	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	HEPTACHLOR EPOXIDE	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0011 U	0.037 U	0.012 U	0.0018 U	0.0018 U	0.002 U	0.002 U	0.051 U	0.0018 U	0.0011 U
8080S	ISODRIN	0.0035 U	0.0035 U	0.0034 U	0.0035 U	0.0011 U	0.072 U	0.012 U	0.0036 U	0.0036 U	0.004 U	0.0038 U	0.051 U	0.0034 U	0.0011 U
8080S	KEPONE	0.018 U	0.018 U	0.018 U	0.018 U	0.0011 U	0.37 U	0.012 U	0.018 U	0.018 U	0.02 U	0.02 U	0.051 U	0.018 U	0.0011 U
8080S	METHOXYCHLOR	0.092	0.018 U	0.018 U	0.033 J	0.0055 U	0.37 U	0.058 U	0.018 U	0.018 U	0.02 U	0.02 U	0.26 U	0.018 U	0.0056 U
8080S	PCB-1016	0.035 U	0.035 U	0.034 U	0.035 U	0.011 U	0.72 U	0.12 U	0.036 U	0.035 U	0.04 U	0.038 U	0.51 U	0.034 U	0.011 U
8080S	PCB-1221	0.072 U	0.07 U	0.07 U	0.071 U	0.022 U	1.5 U	0.23 U	0.073 U	0.07 U	0.081 U	0.077 U	1 U	0.07 U	0.023 U
8080S	PCB-1232	0.035 U	0.035 U	0.034 U	0.035 U	0.022 U	0.72 U	0.23 U	0.036 U	0.035 U	0.04 U	0.038 U	1 U	0.034 U	0.023 U
8080S	PCB-1242	0.035 U	0.035 U	0.034 U	0.035 U	0.011 U	0.72 U	0.12 U	0.036 U	0.035 U	0.04 U	0.038 U	0.51 U	0.034 U	0.011 U
8080S	PCB-1248	0.035 U	0.035 U	0.034 U	0.035 U	0.011 U	0.72 U	0.12 U	0.036 U	0.035 U	0.04 U	0.038 U	0.51 U	0.034 U	0.011 U
8080S	PCB-1254	0.34	0.12	0.034 U	0.2 J	0.51	0.72 U	3.5 J	0.058	0.035 U	0.11	0.1	1 U	0.074	0.85 J
8080S	PCB-1260	0.035 U	0.035 U	0.034 U	0.035 U	0.022 U	0.72 U	0.23 U	0.036 U	0.035 U	0.04 U	0.038 U	1 U	0.034 U	0.023 U
8080S	TOXAPHENE	0.18 U	0.18 U	0.18 U	0.18 U	0.055 U	3.7 U	0.58 U	0.18 U	0.18 U	0.2 U	0.2 U	2.6 U	0.18 U	0.056 U
814ZS	DIMETHOATE	0.35 U	0.35 U	0.34 U	0.35 U	0.11 U	0.36 U	0.12 U	0.36 U	0.35 U	0.4 U	0.38 U	0.11 U	0.34 U	0.11 U
814ZS	DISULFOTON	0.14 U	0.13 U	0.14 U	0.14 U	0.11 U	0.14 U	0.12 U	0.14 U	0.14 U	0.16 U	0.15 U	0.11 U	0.14 U	0.11 U
814ZS	ETHYL PARATHION	0.035 U	0.035 U	0.034 U	0.035 U	0.083 U	0.036 U	0.087 U	0.036 U	0.035 U	0.04 U	0.038 U	0.013 J	0.034 U	0.085 U
814ZS	FAMPHUR	0.35 U	0.35 U	0.34 U	0.35 U	0.28 U	0.36 U	0.29 U	0.36 U	0.35 U	0.4 U	0.38 U	0.27 U	0.34 U	0.28 U
814ZS	METHYL PARATHION	0.018 U	0.018 U	0.018 U	0.018 U	0.017 U	0.019 U	0.017 U	0.018 U	0.018 U	0.02 U	0.02 U	0.016 U	0.018 U	0.0058 J
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA	NA	NA	NA	0.55 U	NA	0.58 U	NA	NA	NA	NA	0.54 U	NA	0.56 U
814ZS	PHORATE	0.035 U	0.035 U	0.034 U	0.035 U	0.083 U	0.036 U	0.087 U	0.036 U	0.035 U	0.04 U	0.038 U	0.08 U	0.034 U	0.085 U
814ZS	SULFOTEPP	0.018 U	0.018 U	0.018 U	0.018 U	0.055 U	0.019 U	0.058 U	0.018 U	0.018 U	0.02 U	0.02 U	0.054 U	0.018 U	0.056 U
814ZS	THIONAZIN	0.035 U	0.035 U	0.034 U	0.035 U	0.55 U	0.036 U	0.58 U	0.036 U	0.035 U	0.04 U	0.038 U	0.54 U	0.034 U	0.56 U
815ZS	2,4,5-T	NA	NA	0.018 U	NA	0.022 U	NA	0.017 J	NA	NA	0.02 U	0.02 U	0.02 U	NA	0.023 U
815ZS	2,4,5-TP (SILVEX)	NA	NA	0.018 U	NA	0.019 U	NA	0.019 U	NA	NA	0.02 U	0.02 U	0.017 U	NA	0.019 U
815ZS	2,4-D	NA	NA	0.037 J	NA	0.13 U	NA	0.028 J	NA	NA	0.046 J	0.11 J	0.12 U	NA	0.14 U
815ZS	DINOSEB	NA	NA	NA	NA	0.017 U	NA	0.017 U	NA	NA	NA	NA	0.015 U	NA	0.017 U
8240S	1,1,1,2-TETRACHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,1,1-TRICHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,1,2,2-TETRACHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,1,2-TRICHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,1-DICHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,1-DICHLOROETHENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,2,3-TRICHLOROPROPANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.011 U	NA	0.01 U	0.011 U	0.44 U	0.011 U	0.47 U	0.011 U	0.01 U	1.5 U	1.4 U	2.1 U	0.01 U	0.46 U
8240S	1,2-DIBROMOETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,2-DICHLOROETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	1,2-DICHLOROPROPANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	2-BUTANONE	0.027 U	NA	0.026 U	0.026 U	0.3 J	0.027 U	0.23 U	0.027 U	0.026 U	3.8 U	3.6 U	1.1 U	0.026 U	0.13 J
8240S	2-CHLORO-1,3-BUTADIENE	0.011 U	NA	0.01 U	0.011 U	0.56 U	0.011 U	0.58 U	0.011 U	0.01 U	1.5 U	1.4 U	2.7 U	0.01 U	0.57 U
8240S	2-HEXANONE	0.027 U	NA	0.026 U	0.026 U	0.22 U	0.027 U	0.23 U	0.027 U	0.026 U	3.8 U	3.6 U	1.1 U	0.026 U	0.23 U
8240S	3-CHLOROPROPENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	4-METHYL-2-PENTANONE	0.027 U	NA	0.026 U	0.026 U	0.22 U	0.027 U	0.23 U	0.027 U	0.026 U	3.8 U	3.6 U	1.1 U	0.026 U	0.23 U
8240S	ACETONE	0.027 U	NA	0.026 U	0.026 U	0.22 U	0.027 U	0.23 U	0.053 J	0.026 U	3.8 U	3.6 U	1.1 U	0.026 U	0.23 U
8240S	ACETONITRILE	0.22 U	NA	0.21 U	0.21 U	0.44 U	0.22 U	0.47 U	0.22 U	0.21 U	30 U	29 U	2.1 U	0.21 U	0.46 U
8240S	ACROLEIN	0.22 U	NA	R	R	R	0.22 U	R	0.22 U	0.21 U	30 U	29 U	R	0.21 U	R
8240S	ACRYLONITRILE	0.11 U	NA	0.1 U	0.1 U	1.1 U	0.11 U	1.2 U	0.11 U	0.1 U	15 U	14 U	5.3 U	0.1 U	1.1 U
8240S	BENZENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	BROMODICHLOROMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	BROMOFORM	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	BROMOMETHANE	0.011 U	NA	0.01 U	0.011 U	0.22 U	0.011 U	0.23 U	0.011 U	0.01 U	1.5 U	1.4 U	1.1 U	0.01 U	0.23 U
8240S	CARBON DISULFIDE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	CARBON TETRACHLORIDE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	CHLOROBENZENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.15 J	0.0052 U	0.11 U
8240S	CHLOROETHANE	0.011 U	NA	0.01 U	0.011 U	0.22 U	0.011 U	0.23 U	0.011 U	0.01 U	1.5 U	1.4 U	1.1 U	0.01 U	0.23 U
8240S	CHLOROFORM	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	CHLOROMETHANE	0.011 U	NA	0.01 U	0.011 U	0.22 U	0.011 U	0.23 U	0.011 U	0.01 U	1.5 U	1.4 U	1.1 U	0.01 U	0.23 U
8240S	CIS-1,3-DICHLOROPROPENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	DIBROMOCHLOROMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	DIBROMOMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	DICHLORODIFLUOROMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.44 U	0.0055 U	0.47 U	0.0054 U	0.0053 U	0.75 U	0.72 U	2.1 U	0.0052 U	0.46 U
8240S	ETHYL METHACRYLATE	0.0054 U	NA	0.0052 U	0.0053 U	0.22 U	0.0055 U	0.23 U	0.0054 U	0.0053 U	0.75 U	0.72 U	1.1 U	0.0052 U	0.23 U
8240S	ETHYLBENZENE	0.0054 U	NA	0.0052 U	0.0053 U	0.067 J	0.0055 U	0.062 J	0.0054 U	0.0053 U	1.6 J	5.5 J	2.1	0.0052 U	0.11 U
8240S	IODOMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	ISOBUTANOL	R	NA	R	R	NA	R	NA	R	R	R	R	NA	R	NA
8240S	M&P-XYLENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.18	0.0054 U	0.0053 U	7.7 J	30 J	9.2	0.0052 U	0.029 J
8240S	METHACRYLONITRILE	0.11 U	NA	0.1 U	0.1 U	NA	0.11 U	NA	0.11 U	0.1 U	15 U	14 U	NA	0.1 U	NA
8240S	METHYL METHACRYLATE	0.0054 U	NA	0.0052 U	0.0053 U	0.22 U	0.0055 U	0.23 U	0.0054 U	0.0053 U	0.75 U	0.72 U	1.1 U	0.0052 U	0.23 U
8240S	METHYLENE CHLORIDE	0.0067	NA	0.0052 U	0.0053 U	0.31 U	0.01	0.31 U	0.0087 J	0.0096	0.75 U	0.72 U	0.53 U	0.0052 U	0.25 U
8240S	N-OCTANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8240S	O-XYLENE	0.0054 U	NA	0.0052 U	0.0053 U	0.028 J	0.0055 U	0.053 J	0.0054 U	0.0053 U	2.4 J	11 J	2.7	0.0052 U	0.0087 J
8240S	PENTACHLOROETHANE	0.027 U	NA	0.026 U	0.026 U	NA	0.027 U	NA	0.027 U	0.026 U	3.8 U	3.6 U	NA	0.026 U	NA
8240S	PROPANENITRILE	0.22 U	NA	0.21 U	0.21 U	2.2 U	0.22 U	2.3 U	0.22 U	0.21 U	30 U	29 U	11 U	0.21 U	2.3 U
8240S	STYRENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	TETRACHLOROETHENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	TOLUENE	0.0054 U	NA	0.0052 U	0.0053 U	0.034 J	0.0055 U	0.042 J	0.0054 U	0.0053 U	0.75 U	0.72 U	14 J	0.0052 U	0.21 U
8240S	TRANS-1,2-DICHLOROETHENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	TRANS-1,3-DICHLOROPROPENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.0054 U	NA	0.0052 U	0.0053 U	0.22 U	0.0055 U	0.23 U	0.0054 U	0.0053 U	R	R	1.1 U	0.0052 U	0.23 U
8240S	TRICHLOROETHENE	0.0054 U	NA	0.0052 U	0.0053 U	0.11 U	0.0055 U	0.12 U	0.0054 U	0.0053 U	0.75 U	0.72 U	0.53 U	0.0052 U	0.11 U
8240S	TRICHLOROFLUOROMETHANE	0.0054 U	NA	0.0052 U	0.0053 U	0.22 U	0.0055 U	0.23 U	0.0054 U	0.0053 U	0.75 U	0.72 U	1.1 U	0.0052 U	0.23 U
8240S	VINYL ACETATE	0.011 U	NA	0.01 U	0.011 U	0.11 U	0.011 U	0.12 U	0.011 U	0.01 U	1.5 U	1.4 U	0.53 U	0.01 U	0.11 U
8240S	VINYL CHLORIDE	0.011 U	NA	0.01 U	0.011 U	0.22 U	0.011 U	0.23 U	0.011 U	0.01 U	1.5 U	1.4 U	1.1 U	0.01 U	0.23 U
824DS	1,4-DIOXANE	NA	NA	NA	NA	11 U	NA	12 U	NA	NA	NA	NA	11 U	NA	11 U
824DS	ISOBUTANOL	NA	NA	NA	NA	11 U	NA	12 U	NA	NA	NA	NA	11 U	NA	11 U
824DS	METHACRYLONITRILE	NA	NA	NA	NA	11 U	NA	12 U	NA	NA	NA	NA	11 U	NA	11 U
8270S	1,2,4,5-TETRACHLOROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1,2,4-TRICHLOROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	0.49 J	0.34 U	1.1 U
8270S	1,2-DICHLOROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1,3,5-TRINITROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	NA	0.36 U	NA	0.36 U	0.35 U	0.4 U	0.38 U	NA	0.34 U	NA
8270S	1,3-DICHLOROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1,3-DINITROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1,4-DICHLOROBENZENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1,4-DIOXANE	0.35 U	0.35 U	0.34 U	0.35 U	NA	0.36 U	NA	0.36 U	0.35 U	0.4 U	0.38 U	NA	0.34 U	NA
8270S	1,4-NAPHTHOQUINONE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	1-NAPHTHYLAMINE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2,3,4,6-TETRACHLOROPHENOL	1.8 U	1.8 U	1.8 U	1.8 U	2.2 U	1.9 U	2.4 U	1.8 U	1.8 U	2 U	2 U	2.1 U	1.8 U	2.2 U
8270S	2,4,5-TRICHLOROPHENOL	1.8 U	1.8 U	1.8 U	1.8 U	1.1 U	1.9 U	1.2 U	1.8 U	1.8 U	2 U	2 U	1 U	1.8 U	1.1 U
8270S	2,4,6-TRICHLOROPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2,4-DICHLOROPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	2.6	0.34 U	1.1 U
8270S	2,4-DIMETHYLPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	1.3	1.7	1 U	0.34 U	1.1 U
8270S	2,4-DINITROPHENOL	R	1.8 U	1.8 U	1.8 U	5.4 U	1.9 U	5.9 U	1.8 U	R	2 U	2 U	5.2 U	R	5.5 U
8270S	2,4-DINITROTOLUENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2,6-DICHLOROPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	2.8	0.34 U	1.1 U
8270S	2,6-DINITROTOLUENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-ACETYLAMINOFLUORENE	0.35 U	0.35 U	0.34 U	0.35 U	5.4 U	0.36 U	5.9 U	0.36 U	0.35 U	0.4 U	0.38 U	5.2 U	0.34 U	5.5 U
8270S	2-CHLORONAPHTHALENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-CHLOROPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-METHYLNAPHTHALENE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-METHYLPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.084 J	1 U	0.34 U	1.1 U
8270S	2-NAPHTHYLAMINE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-NITROANILINE	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	4.2	5.9 U	1.8 U	1.8 U	2 U	2 U	5.2 U	1.8 U	5.5 U
8270S	2-NITROPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.075 J	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	2-PICOLINE	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	3&4-METHYLPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	NA	0.36 U	NA	0.36 U	0.35 U	0.12 J	0.17 J	NA	0.34 U	NA
8270S	3,3'-DICHLOROBENZIDINE	0.71 U	0.69 U	0.69 U	0.69 U	2.2 U	0.72 U	2.4 U	0.72 U	0.69 U	0.8 U	0.76 U	2.1 U	0.69 U	2.2 U
8270S	3,3'-DIMETHYLBENZIDINE	0.22 U	0.21 U	0.21 U	0.21 U	2.2 U	0.22 U	2.4 U	0.22 U	0.21 U	0.24 U	0.23 U	2.1 U	0.21 U	2.2 U
8270S	3-METHYLCHOLANTHRENE	0.22 U	0.21 U	0.21 U	0.21 U	1.1 U	0.22 U	1.2 U	0.22 U	0.21 U	0.24 U	0.23 U	1 U	0.21 U	1.1 U
8270S	3-METHYLPHENOL	NA	NA	NA	NA	1.1 U	NA	1.2 U	NA	NA	NA	NA	1 U	NA	1.1 U
8270S	3-NITROANILINE	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	1.9 U	5.9 U	1.8 U	1.8 U	2 U	2 U	5.2 U	1.8 U	5.5 U
8270S	4,6-DINITRO-2-METHYLPHENOL	1.8 U	1.8 U	1.8 U	1.8 U	5.4 U	1.9 U	5.9 U	1.8 U	1.8 U	2 U	2 U	5.2 U	1.8 U	5.5 U
8270S	4-AMINOBIPHENYL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	4-BROMOPHENYL-PHENYLETHER	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U
8270S	4-CHLORO-3-METHYLPHENOL	0.35 U	0.35 U	0.34 U	0.35 U	1.1 U	0.36 U	1.2 U	0.36 U	0.35 U	0.4 U	0.38 U	1 U	0.34 U	1.1 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		5 to 7		6 to 6		6 to 8	
	LOCATOR	AOC13/B13A3		SMU2/B2E3		SMU2/B2G3		SMU3/B3I3		SMU7/B7C		SMU7/B7F3		SMU8/B8C		SMU8/B8D3		SMU8/B8E3		SMU8/B8F3		SMU8/B8F3		SMU11/B11C		AOC13/B13A4		SMU2/B2B	
	SAMPLE NUMBER	B-13A3*II-1		B-2E3*II-1		B-2G3*II-1		B-3I3*II-1		B-7C*IB-2		B-7F3*II-1		B-8C*IB-2		B-8D3*II-1		B-8E3*II-1		B-8F3*II-1		B-DUP3*II-1		B-11C*IB-2		B-13A4*II-1		B-2B*IB-1	
	COLLECT DATE	7/20/93		7/9/93		7/9/93		7/13/93		3/18/91		7/23/93		3/14/91		7/24/93		7/24/93		7/24/93		7/24/93		3/15/91		7/20/93		12/6/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	4-CHLOROANILINE	0.71	U	0.69	U	0.69	U	0.69	U	1.1	U	0.72	U	1.2	U	0.72	U	0.69	U	0.8	U	0.76	U	1	U	0.69	U	1.1	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	4-METHYLPHENOL	NA		NA		NA		NA		1.1	U	NA		1.2	U	NA		NA		NA		NA		0.13	J	NA		1.1	U
8270S	4-NITROANILINE	1.8	U	1.8	U	1.8	U	1.8	U	5.4	U	1.9	U	5.9	U	1.8	U	1.8	U	2	U	2	U	5.2	U	1.8	U	5.5	U
8270S	4-NITROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	5.4	U	1.9	U	5.9	U	1.8	U	1.8	U	2	U	2	U	5.2	U	1.8	U	5.5	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R		R		R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.22	U	0.21	U	0.21	U	0.21	U	5.4	U	0.22	U	5.9	U	0.22	U	0.21	U	0.24	U	0.23	U	5.2	U	0.21	U	5.5	U
8270S	ACENAPHTHENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	0.28	J	0.34	U	1.1	U
8270S	ACENAPHTHYLENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	ACETOPHENONE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.52		0.66		1	U	0.34	U	1.1	U
8270S	ANILINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.22	J	1.2	U	0.36	U	0.35	U	0.22	J	0.28	J	1	U	0.34	U	1.1	U
8270S	ANTHRACENE	0.35	U	0.35	U	0.34	U	0.093	J	1.1	U	0.36	U	0.18	J	0.072	J	0.35	U	0.4	U	0.38	U	0.65	J	0.34	U	1.1	U
8270S	ARAMITE	R		R		R		R		11	U	R		12	U	R		R		R		R		10	U	R		11	U
8270S	BENZO(A)ANTHRACENE	0.25	U	0.24	U	0.24	U	0.6		1.1	U	1.2	J	0.62	J	0.2	J	0.24	U	0.36	J	0.32	J	1	U	0.24	U	1.1	U
8270S	BENZO(A)PYRENE	0.15	J	0.024	J	0.024	J	0.49	J	1.1	U	1	J	0.61	J	0.17	J	0.24	U	0.65	J	0.61	J	1	U	0.055	J	1.1	U
8270S	BENZO(B)FLUORANTHENE	0.2	J	0.036	J	0.041	J	0.75	J	1.1	U	2.1	J	0.93	J	0.25	J	0.24	U	0.89	J	0.81	J	1	U	0.076	J	1.1	U
8270S	BENZO(G,H,I)PERYLENE	0.086	J	0.35	U	0.34	U	0.27	J	1.1	U	0.74	J	0.54	J	0.36	U	0.35	U	0.41	J	0.31	J	1	U	0.34	U	1.1	U
8270S	BENZO(K)FLUORANTHENE	0.098	J	0.24	U	0.24	U	0.23	J	1.1	U	0.64	J	1.2		0.085	J	0.24	U	0.35	J	0.33	J	1	U	0.036	J	1.1	U
8270S	BENZYL ALCOHOL	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.05	J	1	U	0.34	U	1.1	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.6		0.2	J	0.073	J	0.49		1.1	U	0.36	U	1.2	U	0.24	J	0.054	J	0.21	J	0.29	J	1	U	0.57		1.1	U
8270S	BUTAZOLIDIN	NA		NA		NA		NA		5.4	U	NA		5.9	U	NA		NA		NA		NA		5.2	U	NA		5.5	U
8270S	BUTYLBENZYLPHTHALATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.072	J	0.14	J	1	U	0.34	U	1.1	U
8270S	CHLOROBENZILATE	NA		NA		NA		NA		1.1	U	NA		1.2	U	NA		NA		NA		NA		1	U	NA		1.1	U
8270S	CHRYSENE	0.14	J	0.35	U	0.34	U	0.47		1.1	U	0.89	J	0.66	J	0.22	J	0.35	U	0.62	J	0.56	J	1	U	0.052	J	1.1	U
8270S	DCDD	NA		NA		NA		NA		2.2	U	NA		2.4	U	NA		NA		NA		NA		0.6	J	NA		2.2	U
8270S	DCDF	NA		NA		NA		NA		2.2	U	NA		2.4	U	NA		NA		NA		NA		15		NA		2.2	U
8270S	DI-N-BUTYLPHTHALATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.048	J	0.35	U	0.061	J	0.07	J	1	U	0.34	U	1.1	U
8270S	DI-N-OCTYLPHTHALATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	DIALLATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	DIBENZ(A,H)ANTHRACENE	0.22	U	0.21	U	0.21	U	0.21	U	1.1	U	0.22	U	0.22	J	0.22	U	0.21	U	0.24	U	0.23	U	1	U	0.21	U	1.1	U
8270S	DIBENZOFURAN	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	0.4	J	0.34	U	1.1	U
8270S	DIETHYLPHTHALATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	DIMETHYLPHENETHYLAMINE	1.8	U	1.8	U	1.8	U	1.8	U	1.1	U	1.9	U	1.2	U	1.8	U	1.8	U	2	U	2	U	1	U	1.8	U	1.1	U
8270S	DIMETHYLPHTHALATE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	DINOSEB	0.35	U	0.35	U	0.34	U	0.35	U	NA		0.36	U	NA		0.36	U	0.35	U	0.4	U	0.38	U	NA		0.34	U	NA	
8270S	DIPHENYLAMINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	ETHYL METHANESULFONATE	0.032	U	0.032	U	0.031	U	0.032	U	1.1	U	0.033	U	1.2	U	0.033	U	0.032	U	0.036	U	0.034	U	1	U	0.031	U	1.1	U
8270S	FLUORANTHENE	0.23	J	0.043	J	0.34	U	0.88		0.48	J	0.84		1	J	0.42		0.35	U	0.76		0.7		0.24	J	0.077	J	0.15	J
8270S	FLUORENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.047	J	0.049	J	0.16	J	0.34	U	1.1	U
8270S	HEXACHLOROBENZENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	HEXACHLOROBUTADIENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	HEXACHLOROETHANE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	HEXACHLOROPHENE	NA		NA		NA		NA		220	U	NA		240	U	NA		NA		NA		NA		210	U	NA		NA	
8270S	HEXACHLOROPROPENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	INDENO(1,2,3-CD)PYRENE	0.089	J	0.21	U	0.21	U	0.28	J	1.1	U	0.67	J	0.43	J	0.22	U	0.21	U	0.42	J	0.32	J	1	U	0.21	U	1.1	U
8270S	IRGASAN DP-300	NA		NA		NA		NA		5.4	U	NA		5.9	U	NA		NA		0.4	U	0.38	U	390	J	NA		5.5	U
8270S	ISOPHORONE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	ISOSAFROLE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	METHAPYRILENE	3.5	U	3.5	U	3.4	U	3.5	U	1.1	U	3.6	U	1.2	U	3.6	U	3.5	U	4	U	3.8	U	1	U	3.4	U	1.1	U
8270S	METHYL METHANESULFONATE	0.032	U	0.032	U	0.031	U	0.032	U	1.1	U	0.033	U	1.2	U	0.033	U	0.032	U	0.036	U	0.034	U	1	U	0.031	U	1.1	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.32	U	0.32	U	0.31	U	0.32	U	1.1	U	0.33	U	1.2	U	0.33	U	0.32	U	0.36	U	0.34	U	1	U	0.31	U	1.1	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.22	U	0.21	U	0.21	U	0.21	U	1.1	U	0.22	U	1.2	U	0.22	U	0.21	U	0.24	U	0.23	U	1	U	0.21	U	1.1	U
8270S	N-NITROSODIETHYLAMINE	0.014	U	0.014	U	0.014	U	0.014	U	1.1	U	0.014	U	1.2	U	0.014	U	0.014	U	0.016	U	0.015	U	1	U	0.014	U	1.1	U
8270S	N-NITROSODIMETHYLAMINE	0.053	U	0.052	U	0.051	U	0.052	U	1.1	U	0.054	U	1.2	U	0.053	U	0.052	U	0.059	U	0.056	U	1	U	0.051	U	1.1	U
8270S	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		1.1	U	NA		1.2	U	NA		NA		NA		NA		1	U	NA		1.1	U
8270S	N-NITROSOMETHYLETHYLAMINE	0.35	U	0.35	U	0.34	U	0.35	U	NA		0.36	U	NA		0.36	U	0.35	U	0.4	U	0.38	U	NA		0.34	U	NA	
8270S	N-NITROSOMORPHOLINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	N-NITROSOPIPERIDINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	N-NITROSOPYRROLIDINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	NAPHTHALENE	0.35	U	0.35	U	0.34	U	0.35	U	0.17	J	0.17	J	1.2	U	0.36	U	0.35	U	0.059	J	0.073	J	1	U	0.34	U	0.18	J
8270S	NITROBENZENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	2.1		1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.35	U	0.35	U	0.34	U	0.35	U	NA		0.36	U	NA		0.36	U	0.35	U	0.4	U	0.38	U	NA		0.34	U	NA	
8270S	O-TOLUIDINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.032	U	0.032	U	0.031	U	0.032	U	1.1	U	0.033	U	1.2	U	0.033	U	0.032	U	0.036	U	0.034	U	1	U	0.031	U	1.1	U
8270S	P-PHENYLENEDIAMINE	1.8	U	1.8	U	1.8	U	1.8	U	5.4	U	1.9	U	5.9	U	1.8	U	1.8	U	2	U	2	U	15		1.8	U	5.5	U
8270S	PENTACHLOROBENZENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	PENTACHLOROETHANE	NA		NA		NA		NA		1.1	U	NA		1.2	U	NA		NA		NA		NA		1	U	NA		1.1	U
8270S	PENTACHLORONITROBENZENE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	R		0.36	U	0.35	U	0.4	U	0.38	U	R		0.34	U	1.1	U
8270S	PENTACHLOROPHENOL	1.8	U	1.8	U	1.8	U	1.8	U	5.4	U	1.9	U	5.9	U	1.8	U	1.8	U	2	U	2	U	5.2	U	1.8	U	5.5	U
8270S	PHENACETIN	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	PHENANTHRENE	0.061	J	0.35	U	0.34	U	0.4		0.19	J	0.36	U	0.72	J	0.3	J	0.35	U	0.4	J	0.39		0.54	J	0.34	U	0.11	J
8270S	PHENOL	0.35	U	0.35	U	0.34	U	0.35	U	0.24	J	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	0.15	J	0.34	U	1.1	U
8270S	PRONAMIDE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	PROPAZINE	NA		NA		NA		NA		5.4	U	NA		5.9	U	NA		NA		NA		NA		5.2	U	NA		5.5	U
8270S	PYRENE	0.28	J	0.042	J	0.34	U	1.4		0.66	J	2.2	J	1	J	0.59	J	0.35	U	1.2	J	1.3	J	0.28	J	0.1	J	0.16	J
8270S	PYRIDINE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	SAFROLE	0.35	U	0.35	U	0.34	U	0.35	U	1.1	U	0.36	U	1.2	U	0.36	U	0.35	U	0.4	U	0.38	U	1	U	0.34	U	1.1	U
8270S	TINUVIN 327	NA		NA		NA		NA		5.4	U	NA		5.9	U	NA		NA		NA		NA		5.2	U	NA		5.5	U
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	NA		NA		NA		NA		5.4	U	NA		5.9	U	NA		NA		NA		NA		5.2	U	NA		5.5	U
8270S	TRCDD	NA		NA		NA		NA		2.2	U	NA		2.4	U	NA		NA		NA		NA		2.1	U	NA		2.2	U
8270S	TRCDF	NA		NA		0	U	NA		2.2	U	NA		2.4	U	NA		NA		0	U	0	U	84		NA		0.36	J
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		0.000067	U	NA		NA		NA		NA		NA		NA		0.00017	U	NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		0.000091	U	NA		NA		NA		NA		NA		NA		0.00012	U	NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		0.00012	U	NA		NA		NA		NA		NA		NA		0.00016	U	NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		0.00015	U	NA		NA		NA		NA		NA		NA		0.00021	U	NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		0.000092	U	NA		NA		NA		NA		NA		NA		0.00012	U	NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		0.00016	U	NA		NA		NA		NA		NA		NA		0.0002	U	NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		0.000089	U	NA		NA		NA		NA		NA		NA		0.00011	U	NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		0.00016	U	NA		NA		NA		NA		NA		NA		0.0002	U	NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		0.00011	U	NA		NA		NA		NA		NA		NA		0.00015	U	NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		0.00012	U	NA		NA		NA		NA		NA		NA		0.00021	U	NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		0.000074	U	NA		NA		NA		NA		NA		NA		0.00016	U	NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		0.000098	U	NA		NA		NA		NA		NA		NA		0.00013	U	NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		0.000078	U	NA		NA		NA		NA		NA		NA		0.00017	U	NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	NA		NA		0.000042	U	NA		R		NA		R		NA		NA		0.00014	U	NA		R		NA		R	
SOWZS	2,3,7,8-TCDF	NA		NA		0.000033	U	NA		NA		NA		NA		NA		NA		0.00014	U	NA		NA		NA		NA	
SOWZS	HPCDD	NA		NA		0.000067	U	NA		NA		NA		NA		NA		NA		0.00017	U	NA		NA		NA		NA	
SOWZS	HPCDF	NA		NA		0.000091	U	NA		NA		NA		NA		NA		NA		0.00012	U	NA		NA		NA		NA	
SOWZS	HXCDD	NA		NA		0.00016	U	NA		R		NA		R		NA		NA		0.0002	U	NA		R		NA		R	
SOWZS	HXCDF	NA		NA		0.000089	U	NA		R		NA		R		NA		NA		0.00011	U	NA		R		NA		R	
SOWZS	OCDD	NA		NA		0.00032	U	NA		NA		NA		NA		NA		NA		0.001	U	NA		NA		NA		NA	
SOWZS	OCDF	NA		NA		0.00022	U	NA		NA		NA		NA		NA		NA		0.00027	U	NA		NA		NA		NA	
SOWZS	PECDD	NA		NA		0.00012	U	NA		R		NA		R		NA		NA		0.00021	U	NA		R		NA		R	
SOWZS	PECDF	NA		NA		0.000074	U	NA		R		NA		R		NA		NA		0.00016	U	NA		R		NA		R	
SOWZS	TCDD	NA		NA		0.000042	U	NA		R		NA		R		NA		NA		0.00014	U	NA		R		NA		R	
SOWZS	TCDF	NA		NA		0.000033	U	NA		R		NA		R		NA		NA		0.00014	U	NA		R		NA		R	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUC AREA
DEEP SOIL
ORGANIC DATA

M7/27/95

	SITE	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8
	LOCATOR	SMU2/B2B	SMU2/B2C	SMU2/B2D	SMU2/B2F4	SMU3/B3A	SMU3/B3A	SMU3/B3B	SMU3/B3D	SMU3/B3E4	SMU3/B3F4	SMU3/B3H4	SMU7/B7D4	SMU7/B7E4	SMU7/B7G4	SMU7/B7H4
	SAMPLE NUMBER	B-2B*IB-2	B-2C*IB-2	B-2D*IB-2	B-2F4*II-1	B-3A*IB-1	B-3A*IB-2	B-3B*IB-1	B-3D*IB-2	B-3E4*II-1	B-3F4*II-1	B-3H4*II-1	B-7D4*II-1	B-7E4*II-1	B-7G4*II-1	B-7H4*II-1
	COLLECT DATE	3/14/91	3/14/91	3/15/91	7/9/93	11/20/90	3/18/91	11/19/90	3/18/91	7/12/93	7/12/93	7/12/93	7/23/93	7/23/93	7/23/93	7/23/93
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
30S	4,4'-DDD	0.0011 U	0.0052 U	0.0011 U	0.0035 U	0.011 U	0.011 U	0.011 U	0.011 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
30S	4,4'-DDE	0.0011 U	0.0052 U	0.0011 U	0.0035 U	0.011 U	0.011 U	0.011 U	0.011 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
30S	4,4'-DDT	0.0022 U	0.01 U	0.0021 U	0.0035 U	0.022 U	0.022 U	0.021 U	0.022 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
30S	ALDRIN	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
30S	ALPHA-BHC	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
30S	ALPHA-CHLORDANE	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
30S	BETA-BHC	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
30S	CHLOROBENZILATE	NA	NA	NA	0.018 U	NA	NA	NA	NA	0.094 U	0.018 U	0.018 U	0.09 U	0.088 U	0.018 U	0.098 J
30S	DELTA-BHC	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
30S	DIELDRIN	0.0011 U	0.0052 U	0.0011 U	0.0035 U	0.011 U	0.011 U	0.011 U	0.011 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
80S	ENDOSULFAN I	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
80S	ENDOSULFAN II	0.0032 U	0.016 U	0.0032 U	0.0035 U	0.033 U	0.034 U	0.032 U	0.033 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
80S	ENDOSULFAN SULFATE	0.0054 U	0.026 U	0.0053 U	0.0035 U	0.055 U	0.056 U	0.053 U	0.055 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
808	ENDRIN	0.0011 U	0.0052 U	0.0011 U	0.0035 U	0.011 U	0.011 U	0.011 U	0.011 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
80S	ENDRIN ALDEHYDE	0.0022 U	0.01 U	0.0021 U	0.0035 U	0.022 U	0.022 U	0.021 U	0.022 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.0034 U
80S	GAMMA-BHC	0.0016	0.0052 U	0.0026 J	0.0018 U	0.011 U	0.011 U	0.015	0.02	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
80S	GAMMA-CHLORDANE	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.013	0.0096 J
80S	HEPTACHLOR	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.0037 J	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
80S	HEPTACHLOR EPOXIDE	0.0011 U	0.0052 U	0.0011 U	0.0018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.0094 U	0.0018 U	0.0018 U	0.009 U	0.0088 U	0.0018 U	0.0018 U
080S	ISODRIN	0.0011 U	0.0052 U	0.0011 U	0.0035 U	0.011 U	0.011 U	0.011 U	0.011 U	0.018 U	0.0035 U	0.0035 U	0.018 U	0.017 U	0.0036 U	0.01
080S	KEPONE	0.0011 U	0.0052 U	0.0011 U	0.018 U	0.011 U	0.011 U	0.011 U	0.011 U	0.094 U	0.018 U	0.018 U	0.09 U	0.088 U	0.018 U	0.018 U
080S	METHOXYCHLOR	0.0054 U	0.026 U	0.0053 U	0.018 U	0.055 U	0.056 U	0.053 U	0.055 U	0.094 U	0.018 U	0.018 U	0.09 U	0.088 U	0.018 U	0.018 U
080S	PCB-1016	0.011 U	0.052 U	0.011 U	0.035 U	0.11 U	0.11 U	0.11 U	0.11 U	0.18 U	0.035 U	0.035 U	0.18 U	0.17 U	0.036 U	0.034 U
080S	PCB-1221	0.022 U	0.1 U	0.021 U	0.072 U	0.22 U	0.22 U	0.21 U	0.22 U	0.37 U	0.071 U	0.07 U	0.36 U	0.35 U	0.073 U	0.07 U
080S	PCB-1232	0.022 U	0.1 U	0.021 U	0.035 U	0.22 U	0.22 U	0.21 U	0.22 U	0.18 U	0.035 U	0.035 U	0.18 U	0.17 U	0.036 U	0.034 U
080S	PCB-1242	0.011 U	0.052 U	0.011 U	0.035 U	0.11 U	0.11 U	0.11 U	0.11 U	0.18 U	0.035 U	0.035 U	0.18 U	0.17 U	0.036 U	0.034 U
080S	PCB-1248	0.011 U	0.052 U	0.011 U	0.035 U	0.11 U	0.11 U	0.11 U	0.11 U	0.18 U	0.035 U	0.035 U	0.18 U	0.17 U	0.036 U	0.034 U
080S	PCB-1254	0.21	0.78	0.19 J	0.054	0.22 U	4.3	3.8	3.4	0.95	0.054	0.54	0.92	0.17 U	0.27 J	0.36
080S	PCB-1260	0.022 U	0.1 U	0.021 U	0.035 U	3.3	0.22 U	0.21 U	0.22 U	2.6	0.07	0.64	1.9	2.6	0.036 U	0.034 U
080S	TOXAPHENE	0.054 U	0.26 U	0.053 U	0.18 U	0.55 U	0.56 U	0.53 U	0.55 U	0.94 U	0.18 U	0.18 U	0.9 U	0.88 U	0.18 U	0.18 U
14ZS	DIMETHOATE	0.11 U	0.1 U	0.11 U	0.35 U	0.11 U	0.11 U	0.11 U	0.11 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
14ZS	DISULFOTON	0.11 U	0.1 U	0.11 U	0.14 U	0.0095 J	0.11 U	0.11 U	0.11 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
14ZS	ETHYL PARATHION	0.081 U	0.077 U	0.079 U	0.035 U	0.085 U	0.085 U	0.08 U	0.082 U	0.037 U	0.035 U	0.035 U	0.035 U	0.034 U	0.036 U	0.034 U
14ZS	FAMPHUR	0.27 U	0.26 U	0.26 U	0.35 U	0.28 U	0.28 U	0.26 U	0.27 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
14ZS	METHYL PARATHION	0.016 U	0.015 U	0.016 U	0.018 U	0.017 U	0.017 U	0.0058 J	0.016 U	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
14ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.54 U	0.51 U	0.53 U	NA	0.57 U	0.57 U	0.53 U	0.55 U	NA	NA	NA	NA	NA	NA	NA
14ZS	PHORATE	0.081 U	0.077 U	0.079 U	0.035 U	0.085 U	0.085 U	0.08 U	0.082 U	0.037 U	0.035 U	0.035 U	0.035 U	0.034 U	0.036 U	0.034 U
14ZS	SULFOTEPP	0.054 U	0.051 U	0.053 U	0.018 U	0.057 U	0.057 U	0.053 U	0.055 U	0.019 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
14ZS	THIONAZIN	0.54 U	0.51 U	0.53 U	0.035 U	0.57 U	0.57 U	0.53 U	0.55 U	0.037 U	0.035 U	0.035 U	0.035 U	0.034 U	0.036 U	0.034 U
15ZS	2,4,5-T	0.021 U	0.021 U	0.0058 J	NA	0.021 U	0.023 U	0.02 U	0.022 U	NA	NA	NA	NA	NA	NA	NA
15ZS	2,4,5-TP (SILVEX)	0.018 U	0.017 U	0.018 U	NA	0.018 U	0.019 U	0.017 U	0.019 U	NA	NA	NA	NA	NA	NA	NA
15ZS	2,4-D	0.13 U	0.12 U	0.13 U	NA	0.13 U	0.14 U	0.12 U	0.13 U	NA	NA	NA	NA	NA	NA	NA
15ZS	DINOSEB	0.016 U	0.015 U	0.016 U	NA	0.016 U	0.017 U	0.015 U	0.0055 J	NA	NA	NA	NA	NA	NA	NA
8240S	1,1,1,2-TETRACHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,1,1-TRICHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,1,2,2-TETRACHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,1,2-TRICHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,1-DICHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,1-DICHLOROETHENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,2,3-TRICHLOROPROPANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.42 U	0.42 U	0.42 U	NA	23 U	0.45 U	0.43 U	0.43 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	1,2-DIBROMOETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,2-DICHLOROETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	1,2-DICHLOROPROPANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	2-BUTANONE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.13 J	0.29 J	3.5 U	0.026 U	3.3 U	0.13 U	0.13 U	0.027 U	0.026 U
8240S	2-CHLORO-1,3-BUTADIENE	0.53 U	0.52 U	0.53 U	NA	28 U	0.57 U	0.53 U	0.54 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	2-HEXANONE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	3.5 U	0.026 U	3.3 U	0.13 U	0.13 U	0.027 U	0.026 U
8240S	3-CHLOROPROPENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	4-METHYL-2-PENTANONE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	3.5 U	0.026 U	3.3 U	0.13 U	0.13 U	0.027 U	0.026 U
8240S	ACETONE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	3.5 U	0.026 U	3.3 U	0.13 U	0.13 U	0.027 U	0.026 U
8240S	ACETONITRILE	0.42 U	0.42 U	0.42 U	NA	23 U	0.45 U	0.43 U	0.43 U	28 U	0.21 U	26 U	1.1 U	1 U	0.22 U	0.21 U
8240S	ACROLEIN	R	R	R	NA	R	R	R	R	28 U	R	26 U	1.1 U	1 U	0.22 U	0.21 U
8240S	ACRYLONITRILE	1.1 U	1 U	1.1 U	NA	57 U	1.1 U	1.1 U	1.1 U	14 U	0.11 U	13 U	0.53 U	0.52 U	0.11 U	0.1 U
8240S	BENZENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	BROMODICHLOROMETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	BROMOFORM	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	BROMOMETHANE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	CARBON DISULFIDE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	CARBON TETRACHLORIDE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	CHLOROBENZENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.018	0.0052 U
8240S	CHLOROETHANE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	CHLOROFORM	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	CHLOROMETHANE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	CIS-1,3-DICHLOROPROPENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	DIBROMOCHLOROMETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	DIBROMOMETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	DICHLORODIFLUOROMETHANE	0.42 U	0.42 U	0.42 U	NA	23 U	0.45 U	0.43 U	0.43 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	ETHYL METHACRYLATE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	ETHYLBENZENE	0.11 U	0.1 U	0.11 U	NA	5.9	0.94	5.6	0.03 J	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	IODOMETHANE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	ISOBUTANOL	NA	NA	NA	NA	NA	NA	NA	NA	R	R	R	R	R	R	R
8240S	M&P-XYLENE	0.11 U	0.1 U	0.11 U	NA	33	8.1	24	0.11 U	3.8 J	0.011 J	1.4 J	0.031	2	0.0054 U	0.0052 U
8240S	METHACRYLONITRILE	NA	NA	NA	NA	NA	NA	NA	NA	14 U	0.11 U	13 U	0.11 U	0.52 U	0.11 U	0.1 U
8240S	METHYL METHACRYLATE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	METHYLENE CHLORIDE	0.52 U	0.37 U	0.11 U	NA	11 U	4 U	0.36 U	0.78 U	0.69 U	0.0071	1.5	0.046 U	0.043 U	0.011	0.009
8240S	N-OCTANE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12 J	NA	4.3	NA	NA
8240S	O-XYLENE	0.11 U	0.1 U	0.11 U	NA	9.4	1.9	5.8	0.02 J	0.86 J	0.0053 U	0.66 U	0.027 U	0.44	0.0054 U	0.0052 U
8240S	PENTACHLOROETHANE	NA	NA	NA	NA	NA	NA	NA	NA	3.5 U	0.026 U	3.3 U	0.13 U	0.13 U	0.027 U	0.026 U
8240S	PROPANENITRILE	2.1 U	2.1 U	2.1 U	NA	110 U	2.3 U	2.1 U	2.2 U	28 U	0.21 U	26 U	1.1 U	1 U	0.21 U	0.21 U
8240S	STYRENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.014 J	0.69 U	0.0075	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TETRACHLOROETHENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TOLUENE	0.016 J	0.1 U	1.2 U	NA	5.7 U	0.11 U	0.11 U	0.085 J	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TRANS-1,2-DICHLOROETHENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TRANS-1,3-DICHLOROPROPENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	R	0.0053 U	R	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TRICHLOROETHENE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	TRICHLOROFLUOROMETHANE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	0.69 U	0.0053 U	0.66 U	0.027 U	0.026 U	0.0054 U	0.0052 U
8240S	VINYL ACETATE	0.11 U	0.1 U	0.11 U	NA	5.7 U	0.11 U	0.11 U	0.11 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
8240S	VINYL CHLORIDE	0.21 U	0.21 U	0.21 U	NA	11 U	0.23 U	0.21 U	0.22 U	1.4 U	0.011 U	1.3 U	0.053 U	0.052 U	0.011 U	0.01 U
824DS	1,4-DIOXANE	11 U	11 U	11 U	NA	10 U	4 J	10 U	11 U	NA	NA	NA	NA	NA	NA	NA
824DS	ISOBUTANOL	11 U	11 U	11 U	NA	10 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA
824DS	METHACRYLONITRILE	11 U	11 U	11 U	NA	10 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA
8270S	1,2,4,5-TETRACHLOROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,2,4-TRICHLOROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,2-DICHLOROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,3,5-TRINITROBENZENE	NA	NA	NA	0.35 U	NA	NA	NA	NA	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,3-DICHLOROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,3-DINITROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,4-DICHLOROBENZENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,4-DIOXANE	NA	NA	NA	0.35 U	NA	NA	NA	NA	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1,4-NAPHTHOQUINONE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	1-NAPHTHYLAMINE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,3,4,6-TETRACHLOROPHENOL	2.1 U	2.1 U	2 U	1.8 U	2.3 U	2.3 U	2.1 U	2.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2,4,5-TRICHLOROPHENOL	1.1 U	1.1 U	1 U	1.8 U	1.1 U	1.1 U	1 U	1.1 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2,4,6-TRICHLOROPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,4-DICHLOROPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,4-DIMETHYLPHENOL	1.1 U	1.1 U	1 U	0.35 U	0.18 J	1.1 U	0.26 J	1.1 U	0.08 J	0.35 U	0.35 U	0.095 J	0.34 U	0.36 U	0.34 U
8270S	2,4-DINITROPHENOL	5.3 U	5.3 U	5.1 U	1.8 U	5.7 U	5.7 U	5.2 U	5.4 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2,4-DINITROTOLUENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,6-DICHLOROPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2,6-DINITROTOLUENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-ACETYLAMINOFLUORENE	5.3 U	5.3 U	5.1 U	0.35 U	5.7 U	5.7 U	5.2 U	5.4 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-CHLORONAPHTHALENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-CHLOROPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-METHYLNAPHTHALENE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-METHYLPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-NAPHTHYLAMINE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-NITROANILINE	5.3 U	5.3 U	5.1 U	1.8 U	5.7 U	5.7 U	5.2 U	5.4 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	2-NITROPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	2-PICOLINE	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	3&4-METHYLPHENOL	NA	NA	NA	0.35 U	NA	NA	NA	NA	1	0.13 J	0.53	0.35 U	0.34 U	0.033 J	0.05 J
8270S	3,3'-DICHLOROBENZIDINE	2.1 U	2.1 U	2 U	0.71 U	2.3 U	2.3 U	2.1 U	2.2 U	0.73 U	0.7 U	0.69 U	0.7 U	0.69 U	0.72 U	0.69 U
8270S	3,3'-DIMETHYLBENZIDINE	2.1 U	2.1 U	2 U	0.22 U	2.3 U	2.3 U	2.1 U	2.2 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U
8270S	3-METHYLCHOLANTHRENE	1.1 U	1.1 U	1 U	0.22 U	1.1 U	1.1 U	1 U	1.1 U	0.22 U	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U	0.21 U
8270S	3-METHYLPHENOL	1.1 U	1.1 U	1 U	NA	1.1 U	1.1 U	1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA
8270S	3-NITROANILINE	5.3 U	5.3 U	5.1 U	1.8 U	5.7 U	5.7 U	5.2 U	5.4 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4,6-DINITRO-2-METHYLPHENOL	5.3 U	5.3 U	5.1 U	1.8 U	5.7 U	5.7 U	5.2 U	5.4 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
8270S	4-AMINOBIPHENYL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	4-BROMOPHENYL-PHENYLETHER	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U
8270S	4-CHLORO-3-METHYLPHENOL	1.1 U	1.1 U	1 U	0.35 U	1.1 U	1.1 U	1 U	1.1 U	0.37 U	0.35 U	0.35 U	0.35 U	0.34 U	0.36 U	0.34 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
DEEP SOIL
ORGANIC DATA

M7/27/95

	SITE	6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8	
	LOCATOR	SMU2/B2B		SMU2/B2C		SMU2/B2D		SMU2/B2F4		SMU3/B3A		SMU3/B3A		SMU3/B3B		SMU3/B3D		SMU3/B3E4		SMU3/B3F4		SMU3/B3H4		SMU7/B7D4		SMU7/B7E4		SMU7/B7G4		SMU7/B7H4	
	SAMPLE NUMBER	B-2B*IB-2		B-2C*IB-2		B-2D*IB-2		B-2F4*II-1		B-3A*IB-1		B-3A*IB-2		B-3B*IB-1		B-3D*IB-2		B-3E4*II-1		B-3F4*II-1		B-3H4*II-1		B-7D4*II-1		B-7E4*II-1		B-7G4*II-1		B-7H4*II-1	
	COLLECT DATE	3/14/91		3/14/91		3/15/91		7/9/93		11/20/90		3/18/91		11/19/90		3/18/91		7/12/93		7/12/93		7/12/93		7/23/93		7/23/93		7/23/93		7/23/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	4-CHLOROANILINE	1.1	U	1.1	U	1	U	0.71	U	1.1	U	1.1	U	1	U	1.1	U	0.73	U	0.7	U	0.69	U	0.7	U	0.69	U	0.72	U	0.69	U
8270S	4-CHLOROPHENYL-PHENYLETHER	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	4-METHYLPHENOL	1.1	U	1.1	U	3.4		NA		1.1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	5.3	U	5.3	U	5.1	U	1.8	U	5.7	U	5.7	U	5.2	U	5.4	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8270S	4-NITROPHENOL	5.3	U	5.3	U	5.1	U	1.8	U	5.7	U	5.7	U	5.2	U	5.4	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		11	U	R		10	U	R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	5.3	U	5.3	U	5.1	U	0.22	U	5.7	U	5.7	U	5.2	U	5.4	U	0.22	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270S	ACENAPHTHENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ACENAPHTHYLENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ACETOPHENONE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.075	J	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ANILINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ANTHRACENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.042	J	0.34	U
8270S	ARAMITE	11	U	11	U	10	U	R		11	U	11	U	10	U	11	U	R		R		R		R		R		R		R	
8270S	BENZO(A)ANTHRACENE	1.1	U	1.1	U	1	U	0.25	U	1.1	U	1.1	U	1	U	1.1	U	0.26	U	0.24	U	0.24	U	0.24	U	0.24	U	0.14	J	0.24	U
8270S	BENZO(A)PYRENE	1.1	U	1.1	U	1	U	0.25	U	1.1	U	1.1	U	1	U	1.1	U	0.26	U	0.24	U	0.24	U	0.24	U	0.24	U	0.15	J	0.24	U
8270S	BENZO(B)FLUORANTHENE	1.1	U	1.1	U	1	U	0.25	U	1.1	U	1.1	U	0.12	J	0.66	J	0.04	J	0.24	U	0.24	U	0.24	U	0.24	U	0.19	J	0.24	U
8270S	BENZO(G,H,I)PERYLENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	BENZO(K)FLUORANTHENE	1.1	U	1.1	U	1	U	0.25	U	1.1	U	1.1	U	0.16	J	0.8	J	0.26	U	0.24	U	0.24	U	0.24	U	0.24	U	0.072	J	0.24	U
8270S	BENZYL ALCOHOL	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	BIS(2-CHLOROETHOXY)METHANE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	BIS(2-CHLOROETHYL)ETHER	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1.1	U	1.1	U	1	U	0.19	J	1.1	U	1.1	U	1	U	1.1	U	1.2		0.26	J	0.51		0.35	U	0.34	U	0.4	U	0.38	U
8270S	BUTAZOLIDIN	5.3	U	R		R		NA		5.7	U	5.7	U	5.2	U	5.4	U	NA		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	CHLOROBENZILATE	1.1	U	1.1	U	1	U	NA		1.1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.16	J	0.34	U
8270S	DCDD	2.1	U	2.1	U	2	U	NA		2.3	U	2.3	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA	
8270S	DCDF	2.1	U	2.1	U	2	U	NA		2.3	U	2.3	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA	
8270S	DI-N-BUTYLPHTHALATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DI-N-OCTYLPHTHALATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DIALLATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DIBENZ(A,H)ANTHRACENE	1.1	U	1.1	U	1	U	0.22	U	1.1	U	1.1	U	1	U	1.1	U	0.22	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270S	DIBENZOFURAN	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DIETHYLPHTHALATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DIMETHYLPHENETHYLAMINE	1.1	U	1.1	U	1	U	1.8	U	1.1	U	1.1	U	1	U	1.1	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8270S	DIMETHYLPHTHALATE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DINOSEB	NA		NA		NA		0.35	U	NA		NA		NA		NA		R		R		0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	DIPHENYLAMINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ETHYL METHANESULFONATE	1.1	U	1.1	U	1	U	0.032	U	1.1	U	1.1	U	1	U	1.1	U	0.033	U	0.032	U	0.032	U	0.032	U	0.031	U	0.033	U	0.031	U
8270S	FLUORANTHENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	0.085	J	0.52	J	0.056	J	0.35	U	0.35	U	0.35	U	0.34	U	0.37		0.34	U
8270S	FLUORENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	HEXACHLOROBENZENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	HEXACHLOROBUTADIENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	HEXACHLOROCYCLOPENTADIENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	HEXACHLOROETHANE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	HEXACHLOROPHENE	210	U	210	U	200	U	NA		NA		230	U	NA		220	U	NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	INDENO(1,2,3-CD)PYRENE	1.1	U	1.1	U	1	U	0.22	U	1.1	U	1.1	U	1	U	1.1	U	0.22	U	0.21	U	0.21	U	0.21	U	0.21	U	0.1	J	0.21	U
8270S	IRGASAN DP-300	5.3	U	R		5.1	U	NA		5.7	U	5.7	U	5.2	U	5.4	U	NA		NA		NA		NA		NA		NA		NA	
8270S	ISOPHORONE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	ISOSAFROLE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	METHAPYRILENE	1.1	U	1.1	U	1	U	3.5	U	1.1	U	1.1	U	1	U	1.1	U	3.7	U	3.5	U	3.5	U	3.5	U	3.4	U	3.6	U	3.4	U
8270S	METHYL METHANESULFONATE	1.1	U	1.1	U	1	U	0.032	U	1.1	U	1.1	U	1	U	1.1	U	0.033	U	0.032	U	0.032	U	0.032	U	0.031	U	0.033	U	0.031	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1.1	U	1.1	U	1	U	0.32	U	1.1	U	1.1	U	1	U	1.1	U	0.33	U	0.32	U	0.32	U	0.32	U	0.31	U	0.33	U	0.31	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1.1	U	1.1	U	1	U	0.22	U	1.1	U	1.1	U	1	U	1.1	U	0.22	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270S	N-NITROSODIETHYLAMINE	1.1	U	1.1	U	1	U	0.014	U	1.1	U	1.1	U	1	U	1.1	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE	1.1	U	1.1	U	1	U	0.053	U	1.1	U	1.1	U	1	U	1.1	U	0.054	U	0.052	U	0.052	U	0.052	U	0.051	U	0.053	U	0.051	U
8270S	N-NITROSODIPHENYLAMINE	1.1	U	1.1	U	1	U	NA		1.1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		0.35	U	NA		NA		NA		NA		0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	N-NITROSOMORPHOLINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	N-NITROSOPIPERIDINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	N-NITROSOPYRROLIDINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	NAPHTHALENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	0.081	J	0.22	J	0.088	J	0.35	U	0.35	U	0.059	J	0.065	J	0.36	U	0.34	U
8270S	NITROBENZENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		0.35	U	NA		NA		NA		NA		0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	O-TOLUIDINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	P-DIMETHYLAMINOAZOBENZENE	1.1	U	1.1	U	1	U	0.032	U	1.1	U	1.1	U	1	U	1.1	U	0.033	U	0.032	U	0.032	U	0.032	U	0.031	U	0.033	U	0.031	U
8270S	P-PHENYLENEDIAMINE	5.3	U	5.3	U	5.1	U	1.8	U	5.7	U	5.7	U	5.2	U	5.4	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8270S	PENTACHLOROBENZENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	PENTACHLOROETHANE	1.1	U	1.1	U	1	U	NA		1.1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	R		R		R		0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	PENTACHLOROPHENOL	5.3	U	5.3	U	5.1	U	1.8	U	5.7	U	5.7	U	5.2	U	5.4	U	1.9	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
8270S	PHENACETIN	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	PHENANTHRENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.19	J	0.03	J	0.35	U	0.35	U	0.34	U	0.16	J	0.34	U
8270S	PHENOL	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	PRONAMIDE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	PROPAZINE	5.3	U	R		5.1	U	NA		5.7	U	5.7	U	5.2	U	5.4	U	NA		NA		NA		NA		NA		NA		NA	
8270S	PYRENE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	0.083	J	0.67	J	0.048	J	0.35	U	0.35	U	0.35	U	0.34	U	0.38		0.34	U
8270S	PYRIDINE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	SAFROLE	1.1	U	1.1	U	1	U	0.35	U	1.1	U	1.1	U	1	U	1.1	U	0.37	U	0.35	U	0.35	U	0.35	U	0.34	U	0.36	U	0.34	U
8270S	TINUVIN 327	5.3	U	R		5.1	U	NA		0.49	J	5.7	U	5.2	U	5.4	U	NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.4		NA		12		NA		NA	
8270S	TOFRANIL	5.3	U	R		5.1	U	NA		5.7	U	5.7	U	5.2	U	5.4	U	NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDD	2.1	U	2.1	U	2	U	NA		2.3	U	2.3	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDF	2.1	U	2.1	U	2	U	NA		0.81	J	2.3	U	0.53	J	1.2	J	NA		NA		0.27	J	NA		0	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000049	U	NA		0.00017	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000064	U	NA		0.00014	U	NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000085	U	NA		0.00019	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00011	U	NA		0.00023	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000078	U	NA		0.00015	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00012	U	NA		0.00022	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000076	U	NA		0.00014	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00011	U	NA		0.00022	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000095	U	NA		0.00018	U	NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000095	U	NA		0.00024	U	NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000073	U	NA		0.00018	U	NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000084	U	NA		0.00016	U	NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000076	U	NA		0.00019	U	NA		NA	
SOWZS	2,3,7,8-TCDD	R		R		R		NA		R		R		R		R		NA		NA		0.00004	U	NA		0.00018	U	NA		NA	
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000037	U	NA		0.00015	U	NA		NA	
SOWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000049	U	NA		0.00017	U	NA		NA	
SOWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000064	U	NA		0.00014	U	NA		NA	
SOWZS	HXCDD	R		R		R		NA		R		R		R		R		NA		NA		0.00011	U	NA		0.00022	U	NA		NA	
SOWZS	HXCDF	R		R		R		NA		R		R		R		R		NA		NA		0.000076	U	NA		0.00014	U	NA		NA	
SOWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00033	U	NA		0.00055	U	NA		NA	
SOWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00013	U	NA		0.00032	U	NA		NA	
SOWZS	PECDD	R		R		R		NA		R		R		R		R		NA		NA		0.000095	U	NA		0.00024	U	NA		NA	
SOWZS	PECDF	R		R		R		NA		R		R		R		R		NA		NA		0.000073	U	NA		0.00018	U	NA		NA	
SOWZS	TCDD	R		R		R		NA		R		R		R		R		NA		NA		0.00004	U	NA		0.00018	U	NA		NA	
SOWZS	TCDF	R		R		R		NA		R		R		R		R		NA		NA		0.000056	F	NA		0.00015	U	NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
SHALLOW SOIL
INORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
	LOCATOR	AOC13/Q27		AOC13/T10		AOC13/T10		AOC13/Y5		AOC13/Y5		AOI15/15A		AOI15/15B		AOI15/MW16S		AOI15/MW16S		SMU2/B2E1		SMU3/B3F1		SMU7/B7B		SMU7/B7B		SMU7/B7D1		SMU7/B7D1		SMU7/B7E1		SMU7/B7F1		SMU7/B7G1		SMU7/B7H1		SMU8/B8A		SMU8/B8B		SMU8/B8B		SMU8/B8H1	
	SAMPLE NUMBER	SF-A13-Q27(S)*IB-2		SF-A13-T10(S)*IB-1		SF-A13-T10(S)*IB-2		SF-A13-Y5(S)*IB-1		SF-DUP-1*IB-1		SF-15A*II-1		SF-15B*II-1		SS-MW-16S*IB-1		SS-MW-16S*IB-2		B-2E1*II-1		B-3F1*II-1		B-7B*IB-1		B-7B*IB-2		B-7D1*II-1		B-DUP2*II-1		B-7E1*II-1		B-7F1*II-1		B-7G1*II-1		B-7H1*II-1		B-8A*IB-1		B-8B*IB-1		B-8B*IB-2		B-8H1*II-1	
	COLLECT DATE	3/15/91		11/14/90		3/14/91		11/14/90		11/14/90		8/10/93		8/10/93		12/5/90		3/14/91		7/9/93		7/12/93		11/20/90		3/18/91		7/23/93		7/29/93		7/23/93		7/23/93		7/23/93		7/23/93		11/20/90		11/20/90		3/14/91		7/24/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	61.3		39.2	J	37.6		6	J	4.6	J	12.1	J	17.1	J	13.9		10.7		31.7	J	29.5	J	21		29.4	J	5	J	9.6	J	NA		NA		NA		NA		NA		27.8		37.1		49.6		28.9	J
6010S	BERYLLIUM	0.36		0.35		0.37		0.26		0.27		0.13	J	0.28	J	0.19	U	0.22		0.71		0.61		0.38		0.3	J	0.09	J	0.09	U	NA		NA		NA		NA		NA		0.64		0.69		0.53		0.22	J
6010S	CADMIUM	0.37		0.52		0.41	U	0.41	U	0.48	U	0.28	U	0.22	U	0.48	U	0.0748		0.28		0.28		0.6		0.59		0.26	U	0.28	U	NA		NA		NA		NA		NA		0.48	U	0.48	U	0.41	U	0.3	U
6010S	CALCIUM	31800		9740	J	3760		207	J	250	J	NA		NA		929	J	673		NA		NA		5590	J	10700	J	NA		NA		NA		NA		NA		NA		6170	J	8440	J	45600		NA	
6010S	CHROMIUM	11.3	J	12.6	J	26.7	J	0.9	J	0.95	U	3.1		8.7		4.5		4.5	J	5.4		5.4		6		8.5	J	2.1	U	2.6		NA		NA		NA		NA		NA		6.3		8.3		12.9	J	6.8	
6010S	COBALT	3.3		3.2		3		0.82	U	0.95	U	1.7	J	3.5	J	2.9		2.8		2.7	J	2.6	J	2.6		2.3		0.38	J	0.93	J	NA		NA		NA		NA		NA		2.6		2.4		4.3		3.5	J
6010S	COPPER	17.6	J	11.1		17	J	1.6	U	1.9	U	4.7		10.1		2.6		5.6	J	5.9		11.5		6.7		11.1		3.7		4.3		NA		NA		NA		NA		NA		6.5		11.2		19.7	J	11.1	
6010S	IRON	11900		9790	J	10200		4450	J	3390	J	NA		NA		10600		9440		NA		NA		7170		8490	J	NA		NA		NA		NA		NA		NA		NA		7240		8030		11600		NA	
6010S	MAGNESIUM	2280		1930		1410	J	183		158		NA		NA		1190	J	930	J	NA		NA		1230	J	2600		NA		NA		NA		NA		NA		NA		NA		1120	J	1170	J	2580	J	NA	
6010S	MANGANESE	157	J	134	J	123	J	66.4	J	42.9	J	NA		NA		106	J	151	J	NA		NA		122	J	145	J	NA		NA		NA		NA		NA		NA		NA		NA		110	J	133	J	179	J	NA	
6010S	NICKEL	10.8		10.4	J	6.2		1.6	U	1.9	U	2.5	J	6.9		2.3	U	3.8		3.6	J	4.5		5.9		8.4		1.5	J	1.5	J	NA		NA		NA		NA		NA		3.7		5.1		7.2		6.4	
6010S	POTASSIUM	994	J	631	J	806	J	389	J	285	U	NA		NA		826	J	603	J	NA		NA		739	J	645		NA		NA		NA		NA		NA		NA		NA		696	J	685	J	1000	J	NA	
6010S	SILVER	0.62	U	0.88	U	0.82	U	0.82	U	0.95	U	NA		NA		0.96	U	0.93	U	NA		NA		0.9	U	0.83	U	NA		NA		NA		NA		NA		NA		NA		0.95	U	0.96	U	0.68	U	NA	
6010S	SODIUM	248		229	U	192		82	U	95	U	NA		NA		96	U	181		NA		NA		117	U	150		NA		NA		NA		NA		NA		NA		NA		190	U	213	U	234		NA	
6010S	TIN	NA		NA		NA		NA		NA		3.3	U	1.9	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010S	VANADIUM	35		10.1		13		1.6	U	1.9	U	4.1	J	8.4		6.4		6.4		7.6		10.1		9.7		16.9	U	1.4	J	2.5	J	NA		NA		NA		NA		NA		7.5		8.4		16.5		6.6	J
6010S	ZINC	509	J	759	J	239	J	20.6	J	13.5	J	23.7		44.2		20.6		21	J	37.1	J	48.7	J	87.2	J	178		13		18.5		NA		NA		NA		NA		NA		136	J	339	J	321	J	96.1	
7041S	ANTIMONY	0.6	U	R		0.6	U	R		0.55	U	NA		NA		R		0.5	U	NA		NA		0.67	U	0.62	U	NA		NA		NA		NA		NA		NA		NA		0.55	U	0.6	U	0.56	U	NA	
7060S	ARSENIC	6.9		6.6	J	7.2		1	J	1.9	J	1	J	2.9	J	5.8	J	4.3		0.86	J	0.52	J	4.2	J	5.3	J	0.17	U	0.84	U	NA		NA		NA		NA		NA		8.1	J	2.5	J	9.2		0.14	U
7421S	LEAD	51.9	J	26.8		27.8	J	1.5	U	3.8	U	12.9	J	27.9	J	3.3	J	3	J	6.8	J	14	J	15		23.6		3.6	J	4.3	J	NA		NA		NA		NA		NA		19		23		16	J	9.1	
7472S	MERCURY	0.44		0.22		0.14		0.05	U	0.05	U	0.3	J	0.09	U	0.06	U	0.05	U	NA		1.6	J	0.15		0.26		0.09	U	0.1	U	NA		NA		NA		NA		NA		0.11		0.25		0.62		0.09	U
7740S	SELENIUM	0.35	U	0.45	U	0.43	U	0.38	U	0.45	U	NA		NA		0.49	U	0.36	U	NA		0.12	U	0.48	U	0.44	U	0.17	U	0.17	U	NA		NA		NA		NA		NA		0.4	U	0.43	U	0.4	U	NA	
7841S	THALLIUM	0.35	U	0.45	U	0.43	U	0.38	U	0.45	U	NA		NA		0.49	U	0.36	U	NA		0.07	U	0.48	U	0.44	U	0.08	U	0.26	J	NA		NA		NA		NA		NA		0.39	U	0.43	U	0.4	U	NA	
9010S	CYANIDE	0.44	U	4.6		0.45	U	0.49	U	0.46	U	1.5	U	1.7	U	R		0.44	U	NA		3.5	U	0.47	U	0.82	J	2.6	U	2.5	U	2.7	U	2.3	U	2.1	U	2.4	U	1.7		1.2		1		2.3	U
SNZZS	TIN	6.2	U	8.8	U	8.2	U	8.2	U	9.5	U	NA		NA		9.6	U	9.3	U	NA		NA		9	U	8.3	U	NA		NA		NA		NA		NA		NA		9.5	U	9.6	U	6.8	U	NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
DEEP SOIL
INORGANIC DATA

1:11 PM7/27/95

Area/Sub_Area		AOI15/B15A	SMU3/B3C	SMU7/B7A	SMU7/B7H2	SMU11/B11A	SMU11/B11B	SMU11/B11B	AOC13/B13A3	SMU2/B2G3	SMU7/B7C	SMU7/B7F3	SMU8/B8C	SMU8/B8F3	SMU11/B11C	AOC13/B13A4	SMU2/B2B	SMU2/B2B	SMU2/B2C	SMU2/B2D	SMU3/B3A	SMU3/B3A	SMU3/B3B	SMU3/B3D	SMU3/B3H4	SMU7/B7D4	SMU7/B7E4
Sample Id		B-15A*IB-2	B-3C*IB-2	B-7A*IB-1	B-7H2*II-1	B-11A*IB-1	B-11B*IB-1	B-11B*IB-2	B-13A3*II-1	B-2G3*II-1	B-7C*IB-2	B-7F3*II-1	B-8C*IB-2	B-8F3*II-1	B-11C*IB-2	B-13A4*II-1	B-2B*IB-1	B-2B*IB-2	B-2C*IB-2	B-2D*IB-2	B-3A*IB-1	B-3A*IB-2	B-3B*IB-1	B-3D*IB-2	B-3H4*II-1	B-7D4*II-1	B-7E4*II-1
Sample Date		3/14/91	3/18/91	11/20/90	7/23/93	12/6/90	11/20/90	3/15/91	7/20/93	7/9/93	3/18/91	7/23/93	3/14/91	7/24/93	3/15/91	7/20/93	12/6/90	3/14/91	3/14/91	3/15/91	11/20/90	3/18/91	11/19/90	3/18/91	7/12/93	7/23/93	7/23/93
Depth Range (ft)		2 to 4	2 to 4	2 to 4	2 to 4	3 to 5	3 to 7	3 to 7	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	4 to 6	5 to 7	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8	6 to 8
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010S	BARIUM	23.4	25.8 J	15	NA	16.2	25.2	25.5	NA	43.1 J	14.4 J	NA	26.6	45.3 J	21.4	NA	24.1	20.1	32.4	35	14.5	7.8 J	12.2	41 J	10.9 J	NA	11.9 J
6010S	BERYLLIUM	3.8	0.33 J	0.25	NA	0.47	0.49	0.39	NA	0.67	0.23 J	NA	0.33	0.41 J	0.27	NA	0.56	0.14 U	0.2	0.38	0.31	0.18 U	0.4	0.4 J	0.79	NA	0.22 J
6010S	CADMIUM	0.42 U	0.45 U	0.48 U	NA	0.42 U	0.42 U	0.4 U	0.31 U	0.24	0.44 U	NA	0.52 U	0.34 U	0.46 U	0.28 U	0.56	0.35 U	0.42 U	0.44 U	0.53 U	0.45 U	0.41 U	0.52	0.32 U	NA	0.27 U
6010S	CALCIUM	1180	987 J	5070 J	NA	104 J	4910 J	7770	NA	NA	747 J	NA	173	NA	1040	NA	2120 J	608	4450	762	1130 J	829 J	682 J	24600 J	NA	NA	NA
6010S	CHROMIUM	9.2 J	7.4 J	4.9	NA	4.3	8.2	6.8 J	10.3	12.5	6.6 J	NA	0.6 J	12.1	19 J	5.8	16.6	1.6 J	7 J	15.3 J	9.9	7.8 J	11	9.4 J	8.9	NA	8.8
6010S	COBALT	4	3.8	1.4	NA	2.5	4.5	2.9	NA	6.4	3.1	NA	0.35	6.4	3	NA	7.7	0.7 U	3.2	7.8	4.3	3.6	5	3.2	5.2 J	NA	3.8 J
6010S	COPPER	9.8 J	9.4	11.8	NA	1.8	8	8.4 J	7.7	20.5	8.7	NA	0.81 J	48.7	5.8 J	11	25.6	1.5 J	7.2 J	19.4 J	18.2	9.3	9.5	8.4	19	NA	17.9
6010S	IRON	10600	9940 J	4350	NA	9500	10300	8840	NA	NA	9920	NA	925	NA	15000	NA	23900	1900	9830	29900	10400	11000 J	13600	10600	NA	NA	NA
6010S	MAGNESIUM	1340 J	1290	706 J	NA	900 J	1340 J	1220	NA	NA	1310	NA	108 J	NA	1100	NA	4210 J	201 J	1660 J	4640	1730 J	1710	2490 J	1760	NA	NA	NA
6010S	MANGANESE	211 J	190 J	63.4 J	NA	141 J	200 J	159 J	NA	NA	91.1 J	NA	15.2 J	NA	120 J	NA	330 J	17 J	121 J	240 J	128 J	107 J	211 J	178 J	NA	NA	NA
6010S	NICKEL	6.3	7.2	6.8	NA	3.4 U	5.2	4	6.7	13.2	7.3	NA	0.63	15.7	4.8	8.4	19.4	1.4 U	6	21	9.1	7.6	11.2	7.4	10.1	NA	7.7
6010S	POTASSIUM	648 J	417	551 J	NA	536 J	658 J	637 J	NA	NA	445	NA	73 J	NA	1040 J	NA	528 J	386 J	433 J	711 J	417 J	328	448 J	1210	NA	NA	NA
6010S	SILVER	0.84 U	0.9 U	0.95 U	NA	0.83 U	0.85 U	0.81 U	NA	NA	0.87 U	NA	0.1 U	NA	0.93 U	NA	0.66 U	0.7 U	0.84 U	0.88 U	1.1 U	0.91 U	0.82 U	0.86 U	NA	NA	NA
6010S	SODIUM	184	149	177 U	NA	236 U	365 U	331	NA	NA	156	NA	29.5	NA	350	NA	115 U	180	187	268	166 U	141	86 U	219	NA	NA	NA
6010S	VANADIUM	14.7	10.6 U	4.9	NA	6.9	8.5	8.8	NA	12.2	10.6 U	NA	0.88	9.7 J	7.2	NA	15.6	3.8	10.4	17.9	12.4	11.3 U	9.1	13.5 U	9.9	NA	6.4
6010S	ZINC	41.2 J	85.5 U	49.5 J	NA	30.1	39.9 J	38.2 J	106 J	40.7 J	27.3 U	NA	3.2 J	135	28.2 J	49 J	58.6	2.2 J	26.1 J	49.1 J	144 J	39.7 U	38.8 J	318	36.4 J	NA	27
7041S	ANTIMONY	0.51 U	0.56 U	0.65 U	NA	R	0.64 U	0.59 U	NA	NA	0.58 U	NA	0.58 U	NA	0.65 U	NA	R	0.53 U	0.56 U	0.57 U	0.67 U	0.59 U	0.63 U	0.59 U	NA	NA	NA
7060S	ARSENIC	11.2	10.4 J	2.5 J	NA	5.9 J	6.9 J	3.3	0.87 J	6.3 J	9.5 J	NA	7	3.3 J	4.5	1.9 J	11.3 J	1.5	4.8	15	5.6 J	6.4 J	8.6 J	8.5 J	3 J	NA	3.7
7421S	LEAD	20.5 J	19.6	17	NA	6.1 J	11	6.8 J	NA	16.5 J	16.9	NA	7.1 J	23.6	4.3 J	NA	13.6 J	8.1 J	15 J	15.5 J	11	5.3	11	13.7	9.9 J	NA	8.2 J
7472S	MERCURY	0.11	0.06	0.11	NA	0.05 U	0.34	0.18	0.09 U	NA	0.16	NA	0.33	0.45	1.6	0.08 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.24	0.08 U	NA	0.12
7740S	SELENIUM	0.36 U	0.4 U	0.49 U	NA	0.27 U	0.48 U	0.42 U	NA	NA	0.41 U	NA	0.42 U	NA	0.46 U	NA	0.37 U	0.38 U	0.4 U	0.41 U	0.48 U	0.42 U	0.45 U	0.42 U	0.14 U	NA	0.21 U
7841S	THALLIUM	0.36 U	0.4 U	0.47 U	NA	0.27 U	0.46 U	0.42 U	NA	NA	0.41 U	NA	0.42 U	NA	0.46 U	NA	0.37 U	0.38 U	0.4 U	0.41 U	0.48 U	0.42 U	0.45 U	0.42 U	0.08 U	NA	0.1 U
9010S	CYANIDE	0.42 U	13.6 J	0.47 U	2.5 U	R	0.5 U	0.42 U	2.1 U	NA	11.1 J	2.4 U	0.48 U	2 U	0.42 U	2.5 U	R	0.41 U	0.39 U	0.39 U	0.53 U	0.43 U	0.49 U	1 J	2.9 U	2.9 U	1.5 U
SN7ZS	TIN	8.4 U	9 U	9.5 U	NA	6.8 U	8.5 U	8.1 U	NA	NA	8.7 U	NA	10 U	NA	9.3 U	NA	6.6 U	7 U	8.4 U	8.8 U	11 U	9.1 U	8.2 U	8.6 U	NA	NA	NA

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
DEEP SOIL
ORGANIC DATA

M7/27/95

	SITE	8 to 10		8 to 10		8 to 10	
	LOCATOR	AOI15/MW16S		AOI15/MW16S		SMU2/B2A	
	SAMPLE NUMBER	SS-MW-16S*IB-1		SS-MW-16S*IB-2		B-2A*IB-1	
	COLLECT DATE	12/5/90		3/14/91		11/19/90	
		Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0013	U	0.0011	U	0.0013	U
8080S	4,4'-DDE	0.0013	U	0.0011	U	0.0013	U
8080S	4,4'-DDT	0.0025	U	0.0022	U	0.0025	U
8080S	ALDRIN	0.0013	U	0.0011	U	0.0013	U
8080S	ALPHA-BHC	0.0013	U	0.0011	U	0.0013	
8080S	ALPHA-CHLORDANE	0.0013	U	0.0083		0.0013	U
8080S	BETA-BHC	0.0013	U	0.0011	U	0.0013	U
8080S	*CHLOROBENZILATE*	NA		NA		NA	
8080S	DELTA-BHC	0.0013	U	0.0047		0.0013	U
8080S	DIELDRIN	0.0013	U	0.0011	U	0.0013	U
8080S	ENDOSULFAN I	0.0013	U	0.0011	U	0.0013	U
8080S	ENDOSULFAN II	0.0038	U	0.0032	U	0.0038	U
8080S	ENDOSULFAN SULFATE	0.0064	U	0.0054	U	0.0063	U
8080S	ENDRIN	0.0013	U	0.0011	U	0.0013	U
8080S	ENDRIN ALDEHYDE	0.0025	U	0.0025		0.0018	J
8080S	GAMMA-BHC	0.0013	U	0.0015		0.0019	
8080S	GAMMA-CHLORDANE	0.0013	U	0.0011	U	0.0021	
8080S	HEPTACHLOR	0.0013	U	0.0011	U	0.0013	U
8080S	HEPTACHLOR EPOXIDE	0.0013	U	0.022		0.0013	U
8080S	ISODRIN	0.0013	U	0.0011	U	0.0013	U
8080S	KEPONE	0.0013	U	0.0011	U	0.0013	U
8080S	METHOXYCHLOR	0.0064	U	0.0054	U	0.0063	U
8080S	PCB-1016	0.013	U	0.011	U	0.013	U
8080S	PCB-1221	0.025	U	0.022	U	0.025	U
8080S	PCB-1232	0.025	U	0.022	U	0.025	U
8080S	PCB-1242	0.013	U	0.011	U	0.013	U
8080S	PCB-1248	0.013	U	0.011	U	0.013	U
8080S	PCB-1254	0.025	U	0.022	U	0.025	U
8080S	PCB-1260	0.025	U	0.022	U	0.025	U
8080S	TOXAPHENE	0.064	U	0.054	U	0.063	U
8140S	DIMETHOATE	0.13	U	0.11	U	0.13	U
8140S	DISULFOTON	0.13	U	0.11	U	0.13	U
8140S	ETHYL PARATHION	0.097	U	0.081	U	0.095	U
8140S	FAMPHUR	0.32	U	0.27	U	0.32	U
8140S	METHYL PARATHION	0.0046	J	0.016	U	0.0067	J
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.64	U	0.54	U	0.63	U
8140S	PHORATE	0.097	U	0.081	U	0.095	U
8140S	SULFOTEPP	0.064	U	0.054	U	0.063	U
8140S	THIONAZIN	0.64	U	0.54	U	0.63	U
8150S	2,4,5-T	0.026	U	0.021	U	0.025	U
8150S	2,4,5-TP (SILVEX)	0.022	U	0.018	U	0.021	U
8150S	2,4-D	0.15	U	0.13	U	0.15	U
8150S	DINOSEB	0.019	U	0.016	U	0.018	U
8240S	1,1,1,2-TETRACHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,1,1-TRICHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,1,2-TRICHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,1-DICHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,1-DICHLOROETHENE	0.13	U	0.1	U	0.12	U
8240S	1,2,3-TRICHLOROPROPANE	0.13	U	0.1	U	0.12	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.52	U	0.42	U	0.5	U
8240S	1,2-DIBROMOETHANE	0.13	U	0.1	U	0.12	U
8240S	1,2-DICHLOROETHANE	0.13	U	0.1	U	0.12	U
8240S	1,2-DICHLOROPROPANE	0.13	U	0.1	U	0.12	U
8240S	2-BUTANONE	0.26	U	0.21	U	0.25	U
8240S	2-CHLORO-1,3-BUTADIENE	0.65	U	0.52	U	0.62	U
8240S	2-HEXANONE	0.26	U	0.21	U	0.25	U
8240S	3-CHLOROPROPENE	0.13	U	0.1	U	0.12	U
8240S	4-METHYL-2-PENTANONE	0.26	U	0.21	U	0.25	U
8240S	ACETONE	0.26	U	0.21	U	0.25	U
8240S	ACETONITRILE	0.52	U	0.42	U	0.5	U
8240S	ACROLEIN	R		R		R	
8240S	ACRYLONITRILE	1.3	U	1	U	1.2	U
8240S	BENZENE	0.13	U	0.1	U	0.12	U
8240S	BROMODICHLOROMETHANE	0.13	U	0.1	U	0.12	U
8240S	BROMOFORM	0.13	U	0.1	U	0.12	U
8240S	BROMOMETHANE	0.26	U	0.21	U	0.25	U
8240S	CARBON DISULFIDE	0.13	U	0.1	U	0.12	U
8240S	CARBON TETRACHLORIDE	0.13	U	0.1	U	0.12	U
8240S	CHLOROBENZENE	0.13	U	0.1	U	0.12	U
8240S	CHLOROETHANE	0.26	U	0.21	U	0.25	U
8240S	CHLOROFORM	0.13	U	0.1	U	0.12	U
8240S	CHLOROMETHANE	0.26	U	0.21	U	0.25	U
8240S	CIS-1,3-DICHLOROPROPENE	0.13	U	0.1	U	0.12	U
8240S	DIBROMOCHLOROMETHANE	0.13	U	0.1	U	0.12	U
8240S	DIBROMOMETHANE	0.13	U	0.1	U	0.12	U
8240S	DICHLORODIFLUOROMETHANE	0.52	U	0.42	U	0.5	U
8240S	ETHYL METHACRYLATE	0.26	U	0.21	U	0.25	U
8240S	ETHYLBENZENE	0.13	U	0.1	U	0.12	U
8240S	IODOMETHANE	0.13	U	0.1	U	0.12	U
8240S	ISOBUTANOL	NA		NA		NA	
8240S	M&P-XYLENE	0.13	U	0.0082	J	0.12	U
8240S	METHACRYLONITRILE	NA		NA		NA	
8240S	METHYL METHACRYLATE	0.26	U	0.21	U	0.25	U
8240S	METHYLENE CHLORIDE	0.13	U	0.34	U	0.55	U
8240S	N-OCTANE	NA		NA		NA	
8240S	O-XYLENE	0.13	U	0.1	U	0.12	U
8240S	PENTACHLOROETHANE	NA		NA		NA	
8240S	PROPANENITRILE	2.6	U	2.1	U	2.5	U
8240S	STYRENE	0.13	U	0.1	U	0.12	U
8240S	TETRACHLOROETHENE	0.13	U	0.1	U	0.12	U
8240S	TOLUENE	0.13	U	0.014	J	0.079	J
8240S	TRANS-1,2-DICHLOROETHENE	0.13	U	0.1	U	0.12	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.13	U	0.1	U	0.12	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.26	U	0.21	U	0.25	U
8240S	TRICHLOROETHENE	0.13	U	0.1	U	0.12	U
8240S	TRICHLOROFLUOROMETHANE	0.26	U	0.21	U	0.25	U
8240S	VINYL ACETATE	0.13	U	0.1	U	0.12	U
8240S	VINYL CHLORIDE	0.26	U	0.21	U	0.25	U
824DS	1,4-DIOXANE	13	U	11	U	10	U
824DS	ISOBUTANOL	13	U	11	U	10	U
824DS	METHACRYLONITRILE	13	U	11	U	10	U
8270S	1,2,4,5-TETRACHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,2,4-TRICHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,2-DICHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,3-DINITROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,4-DICHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	1,4-DIOXANE	NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	1.2	U	1.1	U	1.2	U
8270S	1-NAPHTHYLAMINE	1.2	U	1.1	U	1.2	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1.2	U	1.1	U	1.2	U
8270S	2,3,4,6-TETRACHLOROPHENOL	2.5	U	2.1	U	2.5	U
8270S	2,4,5-TRICHLOROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2,4,6-TRICHLOROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2,4-DICHLOROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2,4-DIMETHYLPHENOL	1.2	U	1.1	U	1.2	U
8270S	2,4-DINITROPHENOL	6.2	U	5.3	U	6.2	U
8270S	2,4-DINITROTOLUENE	1.2	U	1.1	U	1.2	U
8270S	2,6-DICHLOROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2,6-DINITROTOLUENE	1.2	U	1.1	U	1.2	U
8270S	2-ACETYLAMINOFLUORENE	6.2	U	5.3	U	6.2	U
8270S	2-CHLORONAPHTHALENE	1.2	U	1.1	U	1.2	U
8270S	2-CHLOROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2-METHYLNAPHTHALENE	1.2	U	1.1	U	1.2	U
8270S	2-METHYLPHENOL	1.2	U	1.1	U	1.2	U
8270S	2-NAPHTHYLAMINE	1.2	U	1.1	U	1.2	U
8270S	2-NITROANILINE	6.2	U	5.3	U	6.2	U
8270S	2-NITROPHENOL	1.2	U	1.1	U	1.2	U
8270S	2-PICOLINE	1.2	U	1.1	U	1.2	U
8270S	3&4-METHYLPHENOL	NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	2.5	U	2.1	U	2.5	U
8270S	3,3'-DIMETHYLBENZIDINE	2.5	U	2.1	U	2.5	U
8270S	3-METHYLCHOLANTHRENE	1.2	U	1.1	U	1.2	U
8270S	3-METHYLPHENOL	1.2	U	1.1	U	1.2	U
8270S	3-NITROANILINE	6.2	U	5.3	U	6.2	U
8270S	4,6-DINITRO-2-METHYLPHENOL	6.2	U	5.3	U	6.2	U
8270S	4-AMINOBIPHENYL	1.2	U	1.1	U	1.2	U
8270S	4-BROMOPHENYL-PHENYLETHER	1.2	U	1.1	U	1.2	U
8270S	4-CHLORO-3-METHYLPHENOL	1.2	U	1.1	U	1.2	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

	SITE	8 to 10		8 to 10		8 to 10	
	LOCATOR	AOI15/MW16S		AOI15/MW16S		SMU2/B2A	
	SAMPLE NUMBER	SS-MW-16S*IB-1		SS-MW-16S*IB-2		B-2A*IB-1	
	COLLECT DATE	12/5/90		3/14/91		11/19/90	
		Result	Q	Result	Q	Result	Q
8270S	4-CHLOROANILINE	1.2	U	1.1	U	1.2	U
8270S	4-CHLOROPHENYL-PHENYLETHER	1.2	U	1.1	U	1.2	U
8270S	4-METHYLPHENOL	1.2	U	1.1	U	1.2	U
8270S	4-NITROANILINE	6.2	U	5.3	U	6.2	U
8270S	4-NITROPHENOL	6.2	U	5.3	U	6.2	U
8270S	4-NITROQUINOLINE-N-OXIDE		R		R	12	U
8270S	5-NITRO-O-TOLUIDINE	1.2	U	1.1	U	1.2	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	6.2	U	5.3	U	6.2	U
8270S	ACENAPHTHENE	1.2	U	1.1	U	1.2	U
8270S	ACENAPHTHYLENE	1.2	U	1.1	U	1.2	U
8270S	ACETOPHENONE	1.2	U	1.1	U	1.2	U
8270S	ANILINE	1.2	U	1.1	U	1.2	U
8270S	ANTHRACENE	1.2	U	1.1	U	1.2	U
8270S	ARAMITE	12	U	11	U	12	U
8270S	BENZO(A)ANTHRACENE	1.2	U	0.14	J	1.2	U
8270S	BENZO(A)PYRENE	1.2	U	0.11	J	1.2	U
8270S	BENZO(B)FLUORANTHENE	1.2	U	0.22	J	1.2	U
8270S	BENZO(G,H,I)PERYLENE	1.2	U	1.1	U	1.2	U
8270S	BENZO(K)FLUORANTHENE	1.2	U	0.29	J	1.2	U
8270S	BENZYL ALCOHOL	1.2	U	1.1	U	1.2	U
8270S	BIS(2-CHLOROETHOXY)METHANE	1.2	U	1.1	U	1.2	U
8270S	BIS(2-CHLOROETHYL)ETHER	1.2	U	1.1	U	1.2	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1.2	U	1.1	U	1.2	U
8270S	BUTAZOLIDIN	6.2	U	5.3	U	6.2	U
8270S	BUTYLBENZYLPHTHALATE	1.2	U	1.1	U	1.2	U
8270S	CHLOROBENZILATE	1.2	U	1.1	U	1.2	U
8270S	CHRYSENE	1.2	U	0.18	J	1.2	U
8270S	DCDD	2.5	U	2.1	U	2.5	U
8270S	DCDF	2.5	U	2.1	U	2.5	U
8270S	DI-N-BUTYLPHTHALATE	1.2	U	1.1	U	1.2	U
8270S	DI-N-OCTYLPHTHALATE	1.2	U	1.1	U	1.2	U
8270S	DIALLATE	1.2	U	1.1	U	1.2	U
8270S	DIBENZ(A,H)ANTHRACENE	1.2	U	1.1	U	1.2	U
8270S	DIBENZOFURAN	1.2	U	1.1	U	1.2	U
8270S	DIETHYLPHTHALATE	1.2	U	1.1	U	1.2	U
8270S	DIMETHYLPHENETHYLAMINE	1.2	U	1.1	U	1.2	U
8270S	DIMETHYLPHTHALATE	1.2	U	1.1	U	1.2	U
8270S	DINOSEB	NA		NA		NA	
8270S	DIPHENYLAMINE	1.2	U	1.1	U	1.2	U
8270S	ETHYL METHANESULFONATE	1.2	U	1.1	U	1.2	U
8270S	FLUORANTHENE	1.2	U	0.29	J	1.2	U
8270S	FLUORENE	1.2	U	1.1	U	1.2	U
8270S	HEXACHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	HEXACHLOROBUTADIENE	1.2	U	1.1	U	1.2	U
8270S	HEXACHLOROCYCLOPENTADIENE	1.2	U	1.1	U	1.2	U
8270S	HEXACHLOROETHANE	1.2	U	1.1	U	1.2	U
8270S	HEXACHLOROPHENE	NA		210	U	NA	
8270S	HEXACHLOROPROPENE	1.2	U	1.1	U	1.2	U
8270S	INDENO(1,2,3-CD)PYRENE	1.2	U	1.1	U	1.2	U
8270S	IRGASAN DP-300	6.2	U	5.3	U	6.2	U
8270S	ISOPHORONE	1.2	U	1.1	U	1.2	U
8270S	ISOSAFROLE	1.2	U	1.1	U	1.2	U
8270S	METHAPYRILENE	1.2	U	1.1	U	1.2	U
8270S	METHYL METHANESULFONATE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSODIETHYLAMINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSODIMETHYLAMINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSODIPHENYLAMINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSOPIPERIDINE	1.2	U	1.1	U	1.2	U
8270S	N-NITROSOPYRROLIDINE	1.2	U	1.1	U	1.2	U
8270S	NAPHTHALENE	1.2	U	1.1	U	1.2	U
8270S	NITROBENZENE	1.2	U	1.1	U	1.2	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA	
8270S	O-TOLUIDINE	1.2	U	1.1	U	1.2	U
8270S	P-DIMETHYLAMINOAZOBENZENE	1.2	U	1.1	U	1.2	U
8270S	P-PHENYLENEDIAMINE	6.2	U	5.3	U	6.2	U
8270S	PENTACHLOROBENZENE	1.2	U	1.1	U	1.2	U
8270S	PENTACHLOROETHANE	1.2	U	1.1	U	1.2	U
8270S	PENTACHLORONITROBENZENE	1.2	U		R	1.2	U
8270S	PENTACHLOROPHENOL	6.2	U	5.3	U	6.2	U
8270S	PHENACETIN	1.2	U	1.1	U	1.2	U
8270S	PHENANTHRENE	1.2	U	0.16	J	1.2	U
8270S	PHENOL	1.2	U	1.1	U	1.2	U
8270S	PRONAMIDE	1.2	U	1.1	U	1.2	U
8270S	PROPAZINE	6.2	U	5.3	U	6.2	U
8270S	PYRENE	1.2	U	0.27	J	1.2	U
8270S	PYRIDINE	1.2	U	1.1	U	1.2	U
8270S	SAFROLE	1.2	U	1.1	U	1.2	U
8270S	TINUVIN 327	6.2	U	5.3	U	6.2	U
8270S	TINUVIN 328	NA		NA		NA	
8270S	TOFRANIL	6.2	U	5.3	U	6.2	U
8270S	TRCDD	2.5	U	2.1	U	2.5	U
8270S	TRCDF	2.5	U	2.1	U	2.5	U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA	
SOWZS	2,3,7,8-TCDD	R		R		R	
SOWZS	2,3,7,8-TCDF	NA		NA		NA	
SOWZS	HPCDD	NA		NA		NA	
SOWZS	HPCDF	NA		NA		NA	
SOWZS	HXCDD	R		R		R	
SOWZS	HXCDF	R		R		R	
SOWZS	OCDD	NA		NA		NA	
SOWZS	OCDF	NA		NA		NA	
SOWZS	PECDD	R		R		R	
SOWZS	PECDF	R		R		R	
SOWZS	TCDD	R		R		R	
SOWZS	TCDF	R		R		R	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

PRODUCTION AREA
DEEP SOIL
INORGANIC DATA

Area/Sub_Area		AOI15/B15A		SMU3/B3C		SMU7/B7A		SMU7/B7H2		SMU11/B11A		SMU11/B11B		SMU11/B11B		AOC13/B13A3		SMU2/B2G3		SMU7/B7C		SMU7/B7F3		SMU8/B8C		SMU8/B8F3		SMU11/B11C		AOC13/B13A4		SMU2/B2B		SMU2/B2B		SMU2/B2C		SMU2/B2D		SMU3/B3A		SMU3/B3A		SMU3/B3B		SMU3/B3D		SMU3/B3H4		SMU7/B7D4		SMU7/B7E4	
Sample Id		B-15A*IB-2		B-3C*IB-2		B-7A*IB-1		B-7H2*II-1		B-11A*IB-1		B-11B*IB-1		B-11B*IB-2		B-13A3*II-1		B-2G3*II-1		B-7C*IB-2		B-7F3*II-1		B-8C*IB-2		B-8F3*II-1		B-11C*IB-2		B-13A4*II-1		B-2B*IB-1		B-2B*IB-2		B-2C*IB-2		B-2D*IB-2		B-3A*IB-1		B-3A*IB-2		B-3B*IB-1		B-3D*IB-2		B-3H4*II-1		B-7D4*II-1		B-7E4*II-1	
Sample Date		3/14/91		3/18/91		11/20/90		7/23/93		12/6/90		11/20/90		3/15/91		7/20/93		7/9/93		3/18/91		7/23/93		3/14/91		7/24/93		3/15/91		7/20/93		12/6/90		3/14/91		3/14/91		3/15/91		11/20/90		3/18/91		11/19/90		3/18/91		7/12/93		7/23/93		7/23/93	
Depth Range (ft)		2 to 4		2 to 4		2 to 4		2 to 4		3 to 5		3 to 7		3 to 7		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		5 to 7		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8		6 to 8	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	23.4		25.8	J	15		NA		16.2		25.2		25.5		NA		43.1	J	14.4	J	NA		26.6		45.3	J	21.4		NA		24.1		20.1		32.4		35		14.5		7.8	J	12.2		41	J	10.9	J	NA		11.9	J
6010S	BERYLLIUM	3.8		0.33	J	0.25		NA		0.47		0.49		0.39		NA		0.67		0.23	J	NA		0.33		0.41	J	0.27		NA		0.56		0.14	U	0.2		0.38		0.31		0.18	U	0.4		0.4	J	0.79		NA		0.22	J
6010S	CADMIUM	0.42	U	0.45	U	0.48	U	NA		0.42	U	0.42	U	0.4	U	0.31	U	0.24		0.44	U	NA		0.52	U	0.34	U	0.46	U	0.28	U	0.56		0.35	U	0.42	U	0.44	U	0.53	U	0.45	U	0.41	U	0.52		0.32	U	NA		0.27	U
6010S	CALCIUM	1180		987	J	5070	J	NA		104	J	4910	J	7770		NA		NA		747	J	NA		173		NA		1040		NA		2120	J	608		4450		762		1130	J	829	J	682	J	24600	J	NA		NA		NA	
6010S	CHROMIUM	9.2	J	7.4	J	4.9		NA		4.3		8.2		6.8	J	10.3		12.5		6.6	J	NA		0.6	J	12.1		19	J	5.8		16.6		1.6	J	7	J	15.3	J	9.9		7.8	J	11		9.4	J	8.9		NA		8.8	
6010S	COBALT	4		3.8		1.4		NA		2.5		4.5		2.9		NA		6.4		3.1		NA		0.35		6.4		3		NA		7.7		0.7	U	3.2		7.8		4.3		3.6		5		3.2		5.2	J	NA		3.8	J
6010S	COPPER	9.8	J	9.4		11.8		NA		1.8		8		8.4	J	7.7		20.5		8.7		NA		0.81	J	48.7		5.8	J	11		25.6		1.5	J	7.2	J	19.4	J	18.2		9.3		9.6		8.4		19		NA		17.9	
6010S	IRON	10600		9940	J	4350		NA		9500		10300		8840		NA		NA		9920		NA		925		NA		15000		NA		23900		1900		9830		29900		10400		11000	J	13600		10600		NA		NA	
6010S	MAGNESIUM	1340	J	1290		706	J	NA		900	J	1340	J	1220		NA		NA		1310		NA		108	J	NA		1100		NA		4210	J	201	J	1660	J	4640		1730	J	1710		2490	J	1760		NA		NA	
6010S	MANGANESE	211	J	190	J	63.4	J	NA		141	J	200	J	159	J	NA		NA		91.1	J	NA		15.2	J	NA		120	J	NA		330	J	17	J	121	J	240	J	128	J	107	J	211	J	178	J	NA		NA	
6010S	NICKEL	6.3		7.2		6.8		NA		3.4	U	5.2		4		6.7		13.2		7.3		NA		0.63		15.7		4.8		8.4		19.4		1.4	U	6		21		9.1		7.6		11.2		7.4		10.1		NA		7.7	
6010S	POTASSIUM	648	J	417		551	J	NA		536	J	658	J	637	J	NA		NA		445		NA		73	J	NA		1040	J	NA		528	J	386	J	433	J	711	J	417	J	328		448	J	1210		NA		NA	
6010S	SILVER	0.84	U	0.9	U	0.95	U	NA		0.83	U	0.85	U	0.81	U	NA		NA		0.87	U	NA		0.1	U	NA		0.93	U	NA		0.66	U	0.7	U	0.84	U	0.88	U	1.1	U	0.91	U	0.82	U	0.86	U	NA		NA	
6010S	SODIUM	184		149		177	U	NA		236	U	365	U	331		NA		NA		156		NA		29.5		NA		350		NA		115	U	180		187		268		166	U	141		86	U	219		NA		NA	
6010S	VANADIUM	14.7		10.6	U	4.9		NA		6.9		8.5		8.8		NA		12.2		10.6	U	NA		0.88		9.7	J	7.2		NA		15.6		3.8		10.4		17.9		12.4		11.3	U	9.1		13.5	U	9.9		NA		6.4	
6010S	ZINC	41.2	J	85.5	U	49.5	J	NA		30.1		39.9	J	38.2	J	106	J	40.7	J	27.3	U	NA		3.2	J	135		28.2	J	49	J	58.6		2.2	J	26.1	J	49.1	J	144	J	39.7	U	38.8	J	318		36.4	J	NA		27	
7041S	ANTIMONY	0.51	U	0.56	U	0.65	U	NA		R		0.64	U	0.59	U	NA		NA		0.58	U	NA		0.58	U	NA		0.65	U	NA		R		0.53	U	0.56	U	0.57	U	0.67	U	0.59	U	0.63	U	0.59	U	NA		NA	
7060S	ARSENIC	11.2		10.4	J	2.5	J	NA		5.9	J	6.9	J	3.3		0.87	J	6.3	J	9.5	J	NA		7		3.3	J	4.5		1.9	J	11.3	J	1.5		4.8		15		5.6	J	6.4	J	8.6	J	8.5	J	3	J	NA		3.7	
7421S	LEAD	20.5	J	19.6		17		NA		6.1	J	11		6.8	J	NA		16.5	J	16.9		NA		7.1	J	23.6		4.3	J	NA		13.6	J	8.1	J	15	J	15.5	J	11		5.3		11		13.7		9.9	J	NA		8.2	J
7472S	MERCURY	0.11		0.06		0.11		NA		0.05	U	0.34		0.18		0.09	U	NA		0.16		NA		0.33		0.45		1.6		0.08	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.24		0.08	U	NA		0.12	
7740S	SELENIUM	0.36	U	0.4	U	0.49	U	NA		0.27	U	0.48	U	0.42	U	NA		NA		0.41	U	NA		0.42	U	NA		0.46	U	NA		0.37	U	0.38	U	0.4	U	0.41	U	0.48	U	0.42	U	0.45	U	0.42	U	0.14	U	NA		0.21	U
7841S	THALLIUM	0.36	U	0.4	U	0.47	U	NA		0.27	U	0.46	U	0.42	U	NA		NA		0.41	U	NA		0.42	U	NA		0.46	U	NA		0.37	U	0.38	U	0.4	U	0.41	U	0.48	U	0.42	U	0.45	U	0.42	U	0.08	U	NA		0.1	U
9010S	CYANIDE	0.42	U	13.6	J	0.47	U	2.5	U	R		0.5	U	0.42	U	2.1	U	NA		11.1	J	2.4	U	0.48	U	2	U	0.42	U	2.5	U	R		0.41	U	0.39	U	0.39	U	0.53	U	0.43	U	0.49	U	1	J	2.9	U	2.9	U	1.5	U
SNZZS	TIN	8.4	U	9	U	9.5	U	NA		6.8	U	8.5	U	8.1	U	NA		NA		8.7	U	NA		10	U	NA		9.3	U	NA		6.6	U	7	U	8.4	U	8.8	U	11	U	9.1	U	8.2	U	8.6	U	NA		NA	

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

		[illegible]14*IT-1	[illegible]16/MW16S SS-MW-16S*IB-1	AOI16/MW16S SS-MW-16S*IB-2	SMU2/B2A B-2A*IB-1
	7/23/93	7/23/93	12/5/90	3/14/91	11/19/90
Depth Range (ft)	6 to 8	6 to 8	8 to 10	8 to 10	8 to 10
	Result Q	Result Q	Result Q	Result Q	Result Q
6010S BARIUM	NA	NA	13.9	10.7	11.6
6010S BERYLLIUM	NA	NA	0.19 U	0.22	0.34
6010S CADMIUM	NA	NA	0.48 U	0.0748	0.5 U
6010S CALCIUM	NA	NA	929 J	673	684 J
6010S CHROMIUM	NA	NA	4.6	4.5 J	12.6
6010S COBALT	NA	NA	2.9	2.8	8.6
6010S COPPER	NA	NA	2.6	5.6 J	13.2
6010S IRON	NA	NA	10600	9440	17800
6010S MAGNESIUM	NA	NA	1190 J	930 J	3500 J
6010S MANGANESE	NA	NA	106 J	151 J	243 J
6010S NICKEL	NA	NA	2.3 U	3.8	17.6
6010S POTASSIUM	NA	NA	826 J	603 J	307 J
6010S SILVER	NA	NA	0.96 U	0.93 U	1 U
6010S SODIUM	NA	NA	96 U	181	135 U
6010S VANADIUM	NA	NA	6.4	6.4	10.6
6010S ZINC	NA	NA	20.6	21 J	70.8 J
7041S ANTIMONY	NA	NA	R	0.5 U	0.69 U
7060S ARSENIC	NA	NA	5.8 J	4.3	8.2 J
7421S LEAD	NA	NA	3.3 J	3 J	11
7472S MERCURY	NA	NA	0.06 U	0.05 U	0.06 U
7740S SELENIUM	NA	NA	0.49 U	0.36 U	0.49 U
7841S THALLIUM	NA	NA	0.49 U	0.36 U	0.49 U
9010S CYANIDE	2.1 U	2.3 U	R	0.44 U	0.54 U
SN2S TIN	NA	NA	9.6 U	9.3 U	10 U

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WASTE WATER TREATMENT AREA
SHALLOW SOIL
ORGANIC DATA

		SITE	.5 to 1		.5 to 2		.5 to 2		.5 to 2		.5 to 2		.5 to 2		.5 to 2		0 to 2		0 to 2	
		LOCATOR	SMU10/10I		SMU10/10J		SMU12/A1		SMU12/A1		SMU12/A2		SMU12/A3		SMU12/B2		SMU12/B3		SMU12/C2		SMU12/C2		SMU-12/12E		SMU-12/12F	
		SAMPLE NUMBER	SF-10I1*II-1		SF-10J1*II-1		SF-S12-A1*IB-1		SF-S12-A1*IB-2		SF-S12-A2*IB-1		SF-S12-A3*IB-2		SF-S12-B2*IB-1		SF-S12-B3*IB-2		SF-S12-C2*IB-1		SF-S12-C2*IB-2		B-12H*II-2		B-12F*II-2	
		COLLECT DATE	8/3/93		8/3/93		11/20/90		3/13/91		12/5/90		3/13/91		11/20/90		3/13/91		11/20/90		3/13/91		5/5/94		5/5/94	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD		0.0038	U	0.005	U	0.1	U	0.32		0.0011	U	0.096	J	0.011	U	0.13	J	0.0011	U	0.001	U	NA		NA	
8080S	4,4'-DDE		0.0038	U	0.005	U	0.1	U	0.054	U	0.0011	U	0.26	J	0.011	U	0.19	J	0.012		0.001	U	NA		NA	
8080S	4,4'-DDT		0.0038	U	0.005	U	0.21	U	0.11	U	0.0021	U	0.11	U	0.022	U	0.11	U	0.0075		0.0021	U	NA		NA	
8080S	ALDRIN		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	ALPHA-BHC		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0012		0.0021		NA		NA	
8080S	ALPHA-CHLORDANE		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	BETA-BHC		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.016		NA		NA	
8080S	CHLOROBENZILATE		0.02	U	0.026	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.026	J	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	DIELDRIN		0.0038	U	0.005	U	0.1	U	0.17		0.0011	U	0.082	J	0.011	U	0.053	U	0.0077		0.001	U	NA		NA	
8080S	ENDOSULFAN I		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	ENDOSULFAN II		0.0038	U	0.005	U	0.31	U	0.16	U	0.0032	U	0.16	U	0.033	U	0.16	U	0.0032	U	0.0031	U	NA		NA	
8080S	ENDOSULFAN SULFATE		0.0038	U	0.005	U	0.52	U	0.27	U	0.0054	U	0.27	U	0.055	U	0.26	U	0.0054	U	0.0052	U	NA		NA	
8080S	ENDRIN		0.0038	U	0.005	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	ENDRIN ALDEHYDE		0.0038	U	0.005	U	0.23	J	0.11	U	0.0021	U	0.11	U	0.022	U	0.82	J	0.0022	U	0.0021	U	NA		NA	
8080S	GAMMA-BHC		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	GAMMA-CHLORDANE		0.002	U	0.0026	U	3.9	J	0.054	U	0.0011	U	0.054	U	0.011	U	4.6	J	0.079		0.001	U	0.95	U	0.97	U
8080S	HEPTACHLOR		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.12	J	0.0011	U	0.0045		NA		NA	
8080S	HEPTACHLOR EPOXIDE		0.002	U	0.0026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	ISODRIN		0.0038	U	0.005	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	KEPONE		0.02	U	0.026	U	0.1	U	0.054	U	0.0011	U	0.054	U	0.011	U	0.053	U	0.0011	U	0.001	U	NA		NA	
8080S	METHOXYCHLOR		0.02	U	0.026	U	0.52	U	0.27	U	0.0054	U	0.27	U	0.055	U	0.26	U	0.0054	U	0.0052	U	NA		NA	
8080S	PCB-1016		0.038	U	0.05	U	1	U	0.54	U	0.011	U	0.54	U	0.11	U	0.53	U	0.011	U	0.01	U	NA		NA	
8080S	PCB-1221		0.078	U	0.1	U	2.1	U	1.1	U	0.021	U	1.1	U	0.22	U	1.1	U	0.022	U	0.021	U	NA		NA	
8080S	PCB-1232		0.038	U	0.05	U	2.1	U	1.1	U	0.021	U	1.1	U	0.22	U	1.1	U	0.022	U	0.021	U	NA		NA	
8080S	PCB-1242		0.038	U	0.05	U	1	U	0.54	U	0.011	U	0.54	U	0.11	U	0.53	U	0.011	U	0.01	U	NA		NA	
8080S	PCB-1248		0.038	U	0.05	U	1	U	0.54	U	0.011	U	0.54	U	0.11	U	0.53	U	0.011	U	0.01	U	NA		NA	
8080S	PCB-1254		0.038	U	0.05	U	2.1	U	1.1	U	0.021	U	1.1	U	0.22	U	1.1	U	0.022	U	0.21		NA		NA	
8080S	PCB-1260		0.038	U	0.05	U	2.1	U	1.1	U	0.021	U	1.1	U	0.22	U	1.1	U	0.022	U	0.021	U	NA		NA	
8080S	TOXAPHENE		0.2	U	0.26	U	5.2	U	2.7	U	0.054	U	2.7	U	0.55	U	2.6	U	0.054	U	0.052	U	NA		NA	
8140S	DIMETHOATE		0.38	U	0.49	U	0.22	U	0.21	U	0.11	U	0.11	U	0.026	J	0.11	U	0.11	U	0.11	U	NA		NA	
8140S	DISULFOTON		0.15	U	0.19	U	0.22	U	0.21	U	0.11	U	0.11	U	R		0.11	U	0.11	U	0.11	U	NA		NA	
8140S	ETHYL PARATHION		0.038	U	0.049	U	0.16	U	0.16	U	0.0025	J	0.081	U	R		0.054	J	0.081	U	0.08	U	NA		NA	
8140S	FAMPHUR		0.38	U	0.49	U	0.54	U	0.077	J	0.27	U	0.27	U	R		0.014	J	0.27	U	0.27	U	NA		NA	
8140S	METHYL PARATHION		0.02	U	0.025	U	0.032		0.032	U	0.0038	J	0.016	U	R		0.016	U	0.016	U	0.016	U	NA		NA	
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA		NA		1.1	U	1.1	U	0.54	U	0.54	U	R		0.53	U	0.54	U	0.53	U	NA		NA	
8140S	PHORATE		0.038	U	0.049	U	0.16	U	0.017	J	0.081	U	0.081	U	R		0.08	U	0.081	U	0.08	U	NA		NA	
8140S	SULFOTEPP		0.02	U	0.025	U	0.11	U	0.012	J	0.054	U	0.054	U	R		0.004	J	0.054	U	0.053	U	NA		NA	
8140S	THIONAZIN		0.038	U	0.049	U	1.1	U	1.1	U	0.54	U	0.54	U	R		0.53	U	0.54	U	0.53	U	NA		NA	
8150S	2,4,5-T		0.02	U	0.025	U	0.046		0.033		0.022	U	0.022	U	0.022	U	0.031		0.021	U	0.021	U	NA		NA	
8150S	2,4,5-TP (SILVEX)		0.02	U	0.025	U	0.018	U	0.019	U	0.019	U	0.018	U	0.019	U	0.018	U	0.018	U	0.018	U	NA		NA	
8150S	2,4-D		0.02	U	0.025	U	0.12	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	NA		NA	
8150S	DINOSEB		NA		NA		0.015	U	0.017	U	0.016	U	0.016	U	0.017	U	0.016	U	0.016	U	0.016	U	NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,1-TRICHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,2,2-TETRACHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,1,2-TRICHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,1-DICHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,1-DICHLOROETHENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,2,3-TRICHLOROPROPANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DIBROMO-3-CHLOROPROPANE		0.0058	U	0.0057	U	0.43	U	1.1	U	0.44	U	0.43	U	0.44	U	0.43	U	0.44	U	0.43	U	NA		NA	
8240S	1,2-DIBROMOETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DICHLOROETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	1,2-DICHLOROPROPANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	2-BUTANONE		0.029	U	0.029	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	2-CHLORO-1,3-BUTADIENE		0.012	U	0.011	U	0.54	U	1.4	U	0.56	U	0.54	U	0.56	U	0.54	U	0.54	U	0.54	U	NA		NA	
8240S	2-HEXANONE		0.029	U	0.029	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	3-CHLOROPROPENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	4-METHYL-2-PENTANONE		0.029	U	0.029	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	ACETONE		0.029	U	0.039		0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	ACETONITRILE		0.23	U	0.23	U	0.43	U	1.1	U	0.44	U	0.43	U	0.44	U	0.43	U	0.44	U	0.43	U	NA		NA	
8240S	ACROLEIN		0.23	U	0.23	U	R		R		R		R		R		R		R		R		NA		NA	
8240S	ACRYLONITRILE		0.12	U	0.11	U	1.1	U	2.7	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	NA		NA	
8240S	BENZENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	BROMODICHLOROMETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	BROMOFORM		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	BROMOMETHANE		0.012	U	0.011	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	CARBON DISULFIDE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	CARBON TETRACHLORIDE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	CHLOROBENZENE		0.0058	U	0.0057	U	2.6		13	J	0.024	J	0.093	J	0.046	J	0.062	J	0.11	U	0.11	U	NA		NA	
8240S	CHLOROETHANE		0.012	U	0.011	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	CHLOROFORM		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	CHLOROMETHANE		0.012	U	0.011	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	CIS-1,3-DICHLOROPROPENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	DIBROMOCHLOROMETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	DIBROMOMETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	DICHLORODIFLUOROMETHANE		0.0058	U	0.0057	U	0.43	U	1.1	U	0.44	U	0.43	U	0.44	U	0.43	U	0.44	U	0.43	U	NA		NA	
8240S	ETHYL METHACRYLATE		0.0058	U	0.0057	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	ETHYLBENZENE		0.0058	U	0.0057	U	0.44		2.1		0.11	U	0.11	U	0.024	J	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	IODOMETHANE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	ISOBUTANOL		R		R		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE		0.0058	U	0.0057	U	1.2		8.2	J	0.031	J	0.058	J	0.092	J	0.052	J	0.11	U	0.11	U	NA		NA	
8240S	METHACRYLONITRILE		0.12	U	0.11	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE		0.0058	U	0.0057	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	METHYLENE CHLORIDE		0.0058	U	0.0057	U	0.24	U	0.78	U	0.25	U	0.4	U	0.24	U	0.96	U	0.31	U	0.89	U	NA		NA	
8240S	O-XYLENE		0.0058	U	0.0057	U	0.4		3.1		0.016	J	0.11	U	0.032	J	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	PENTACHLOROETHANE		0.029	U	0.029	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE		0.23	U	0.23	U	2.2	U	5.5	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	NA		NA	
8240S	STYRENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	TETRACHLOROETHENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	TOLUENE		0.0058	U	0.0057	U	1.6	J	8.7	J	0.11	U	0.34	J	0.58	J	0.33	J	0.25	J	0.035	J	NA		NA	
8240S	TRANS-1,2-DICHLOROETHENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	TRANS-1,3-DICHLOROPROPENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	TRANS-1,4-DICHLORO-2-BUTENE		0.0058	U	0.0057	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	TRICHLOROETHENE		0.0058	U	0.0057	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	TRICHLOROFLUOROMETHANE		0.0058	U	0.0057	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
8240S	VINYL ACETATE		0.012	U	0.011	U	0.11	U	0.27	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	NA		NA	
8240S	VINYL CHLORIDE		0.012	U	0.011	U	0.22	U	0.55	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	NA		NA	
824DS	1,4-DIOXANE		NA		NA		10	U	11	U	11	U	11	U	10	U	11	U	10	U	11	U	NA		NA	
824DS	ISOBUTANOL		NA		NA		10	U	11	U	11	U	11	U	10	U	11	U	10	U	11	U	NA		NA	
824DS	METHACRYLONITRILE		NA		NA		10	U	11	U	11	U	11	U	10	U	11	U	10	U	11	U	NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,2,4-TRICHLOROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,2-DICHLOROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,3,5-TRINITROBENZENE		0.38	U	0.49	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,3-DINITROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,4-DICHLOROBENZENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1,4-DIOXANE		0.38	U	0.49	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	1-NAPHTHYLAMINE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,3,4,6-TETRACHLOROPHENOL		2	U	2.5	U	22	U	2.1	U	8.5	U	4.2	U	2.2	U	2.1	U	2.2	U	2.1	U	NA		NA	
8270S	2,4,5-TRICHLOROPHENOL		2	U	2.5	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,4,6-TRICHLOROPHENOL		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,4-DICHLOROPHENOL		0.38	U	0.49	U	2.1	J	0.72	J	4.3	U	0.5	J	1.1	U	0.38	J	1.1	U	1	U	NA		NA	
8270S	2,4-DIMETHYLPHENOL		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,4-DINITROPHENOL		R		R		54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	2,4-DINITROTOLUENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,6-DICHLOROPHENOL		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2,6-DINITROTOLUENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-ACETYLAMINOFLUORENE		0.38	U	0.49	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	2-CHLORONAPHTHALENE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-CHLOROPHENOL		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-METHYLNAPHTHALENE		0.38	U	0.49	U	0.5	J	1.1	U	4.3	U	0.26	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-METHYLPHENOL		0.38	U	0.49	U	1.8	J	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-NAPHTHYLAMINE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-NITROANILINE		2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	2-NITROPHENOL		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	2-PICOLINE		0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WASTE WATER TREATMENT AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 2		.5 to 2		.5 to 2		.5 to 2		.5 to 2		.5 to 2		.5 to 2		0 to 2		0 to 2	
	LOCATOR	SMU10/10I		SMU10/10J		SMU12/A1		SMU12/A1		SMU12/A2		SMU12/A3		SMU12/B2		SMU12/B3		SMU12/C2		SMU12/C2		SMU-12/12E		SMU-12/12F	
	SAMPLE NUMBER	SF-10I1*II-1		SF-10J1*II-1		SF-S12-A1*IB-1		SF-S12-A1*IB-2		SF-S12-A2*IB-1		SF-S12-A3*IB-2		SF-S12-B2*IB-1		SF-S12-B3*IB-2		SF-S12-C2*IB-1		SF-S12-C2*IB-2		B-12H*II-2		B-12F*II-2	
	COLLECT DATE	8/3/93		8/3/93		11/20/90		3/13/91		12/5/90		3/13/91		11/20/90		3/13/91		11/20/90		3/13/91		5/5/94		5/5/94	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	0.38	U	0.49	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3',4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	0.77	U	0.98	U	22	U	2.1	U	8.5	U	4.2	U	2.2	U	2.1	U	2.2	U	2.1	U	NA		NA	
8270S	3,3'-DIMETHYLBENZIDINE	0.23	U	0.3	U	22	U	2.1	U	8.5	U	4.2	U	2.2	U	2.1	U	2.2	U	2.1	U	NA		NA	
8270S	3-METHYLCHOLANTHRENE	0.23	U	0.3	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	3-METHYLPHENOL	NA		NA		11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	3-NITROANILINE	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	4,6-DINITRO-2-METHYLPHENOL	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	4-AMINOBIPHENYL	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-BROMOPHENYL-PHENYLETHER	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-CHLORO-3-METHYLPHENOL	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-CHLOROANILINE	0.77	U	0.98	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-CHLOROPHENYL-PHENYLETHER	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-METHYLPHENOL	NA		NA		11	U	0.29	J	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	4-NITROANILINE	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	4-NITROPHENOL	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	4-NITROQUINOLINE-N-OXIDE	3.8	U	R		110	U	R		R		R		11	U	R		11	U	R		NA		NA	
8270S	5-NITRO-O-TOLUIDINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.23	U	0.3	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	ACENAPHTHENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	0.6	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ACENAPHTHYLENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ACETOPHENONE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ANILINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ANTHRACENE	0.38	U	0.49	U	11	U	1.1	U	0.38	J	1.5	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ARAMITE	R		R		110	U	11	U	43	U	21	U	11	U	11	U	11	U	10	U	NA		NA	
8270S	BENZO(A)ANTHRACENE	0.27	U	0.34	U	11	U	1.1	U	0.8	J	3.9		1.1	U	1.1	U	0.16	J	0.49	J	NA		NA	
8270S	BENZO(A)PYRENE	0.27	U	0.058	J	11	U	1.1	U	4.3	U	3.6		1.1	U	1.1	U	0.15	J	0.44	J	NA		NA	
8270S	BENZO(B)FLUORANTHENE	0.27	U	0.081	J	11	U	0.68	J	4.3	U	3.2		1.1	U	1.1	U	0.22	J	0.46	J	NA		NA	
8270S	BENZO(G,H,I)PERYLENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.5	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	BENZO(K)FLUORANTHENE	0.27	U	0.34	U	11	U	0.83	J	4.3	U	3.8		1.1	U	1.1	U	0.28	J	0.55	J	NA		NA	
8270S	BENZYL ALCOHOL	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	BIS(2-CHLOROETHOXY)METHANE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	BIS(2-CHLOROETHYL)ETHER	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	7.2	J	1		11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	BUTAZOLIDIN	NA		NA		54	U	5.3	U	21	U	R		5.6	U	5.3	U	5.4	U	R		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	0.15	J	1	U	NA		NA	
8270S	CHLOROBENZILATE	NA		NA		11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	CHRYSENE	0.38	U	0.49	U	11	U	0.53	J	0.88	J	4.1		0.099	J	1.1	U	0.16	J	0.55	J	NA		NA	
8270S	DCDD	NA		NA		22	U	2.1	U	8.5	U	4.2	U	2.2	U	2.1	U	2.2	U	2.1	U	NA		NA	
8270S	DCDF	NA		NA		7.2	J	2.1	U	8.5	U	4.2	U	0.2	J	3.6	J	2.2	U	2.1	U	NA		NA	
8270S	DI-N-BUTYLPHTHALATE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DI-N-OCTYLPHTHALATE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	0.16	J	1	U	NA		NA	
8270S	DIALLATE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DIBENZ(A,H)ANTHRACENE	0.23	U	0.3	U	17		1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DIBENZOFURAN	0.38	U	0.49	U	1.1	J	1.1	U	4.3	U	0.4	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DIETHYLPHTHALATE	0.38	U	0.49	U	1.7	J	1.1	U	4.3	U	2.1	U	0.099	J	1.1	U	0.075	J	1	U	NA		NA	
8270S	DIMETHYLPHENETHYLAMINE	2	U	2.5	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DIMETHYLPHTHALATE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	DINOSEB	R		R		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DIPHENYLAMINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ETHYL METHANESULFONATE	0.035	U	0.045	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	FLUORANTHENE	0.38	U	0.15	J	0.63	J	0.82	J	2.1	J	6.9		0.085	J	0.24	J	0.24	J	0.68	J	NA		NA	
8270S	FLUORENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	0.51	J	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	HEXACHLOROBENZENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	HEXACHLOROBUTADIENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	HEXACHLOROCYCLOPENTADIENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	HEXACHLOROETHANE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	HEXACHLOROPHENE	NA		NA		NA		210	U	NA		420	U	NA		210	U	NA		210	U	NA		NA	
8270S	HEXACHLOROPROPENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	INDENO(1,2,3-CD)PYRENE	0.23	U	0.3	U	11	U	1.1	U	4.3	U	2.1		1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	IRGASAN DP-300	NA		NA		340		52	J	21	U	5.6	J	5.6	U	26	J	5.4	U	5.2	U	NA		NA	
8270S	ISOPHORONE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	ISOSAFROLE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	METHAPYRILENE	3.8	U	4.9	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	METHYL METHANESULFONATE	0.035	U	0.045	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.35	U	0.45	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.23	U	0.3	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSODIETHYLAMINE	0.015	U	0.019	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSODIMETHYLAMINE	0.057	U	0.073	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSODIPHENYLAMINE	NA		NA		11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	0.38	U	0.49	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSOPIPERIDINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	N-NITROSOPYRROLIDINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	NAPHTHALENE	0.38	U	0.49	U	2.5	J	0.36	J	4.3	U	0.73	J	0.071	J	0.13	J	1.1	U	1	U	NA		NA	
8270S	NITROBENZENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.38	U	0.49	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	O-TOLUIDINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	P-DIMETHYLAMINOAZOBENZENE	0.035	U	0.045	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	P-PHENYLENEDIAMINE	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	PENTACHLOROBENZENE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	PENTACHLOROETHANE	NA		NA		11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	PENTACHLORONITROBENZENE	0.38	U	0.49	U	11	U	R		4.3	U	R		1.1	U	R		1.1	U	R		NA		NA	
8270S	PENTACHLOROPHENOL	2	U	2.5	U	54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	PHENACETIN	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	PHENANTHRENE	0.38	U	0.064	J	0.48	J	0.43	J	1.5	J	5.1		0.053	J	1.1	U	0.083	J	0.31	J	NA		NA	
8270S	PHENOL	0.38	U	0.49	U	1.8	J	0.27	J	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	PRONAMIDE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	PROPAZINE	NA		NA		28	J	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	PYRENE	0.039	J	0.13	J	11	U	0.79	J	1.5	J	6.8		0.097	J	0.3	J	0.26	J	0.92	J	NA		NA	
8270S	PYRIDINE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	SAFROLE	0.38	U	0.49	U	11	U	1.1	U	4.3	U	2.1	U	1.1	U	1.1	U	1.1	U	1	U	NA		NA	
8270S	TINUVIN 327	NA		NA		26	J	5.3	U	21	U	11	U	5.6	U	1.2	U	0.5	J	5.2	U	NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	NA		NA		54	U	5.3	U	21	U	11	U	5.6	U	5.3	U	5.4	U	5.2	U	NA		NA	
8270S	TRCDD	NA		NA		22	U	2.1	U	8.5	U	4.2	U	2.2	U	2.1	U	2.2	U	2.1	U	NA		NA	
8270S	TRCDF	NA		NA		120		25	J	1.8	J	16		3.6		64	J	0.58	J	2.1	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	0.0001	U	0.000099	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	0.00011	U	0.00013	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	0.00015	U	0.00018	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	0.00018	U	0.00022	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	0.000099	U	0.0001	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	0.00019	U	0.00023	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	0.000093	U	0.000097	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	0.00017	U	0.0002	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	0.00012	U	0.00013	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	0.000095	U	0.0002	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	0.00011	U	0.00012	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	0.00011	U	0.00011	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	0.00011	U	0.00013	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	0.000066	U	0.000085	U	0.00018	U	0.000089	U	0.00022	U	0.000074	U	0.0002	U	0.00008	U	0.00023	U	0.000083	U	NA		NA	
SOWZS	2,3,7,8-TCDF	0.000039	U	0.000055	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDD	0.0001	U	0.000099	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDF	0.00011	U	0.00013	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HXCDD	0.00017	U	0.0002	U	0.00036	U	0.00012	U	0.00044	U	0.000093	U	0.00029	U	0.000091	U	0.00038	U	0.00011	U	NA		NA	
SOWZS	HXCDF	0.000093	U	0.000097	U	0.00023	U	0.0008		0.00026	U	0.000068	U	0.00021	U	0.000073	U	0.00026	U	0.000078	U	NA		NA	
SOWZS	OCDD	0.00048	U	0.00033	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	OCDF	0.00019	U	0.00022	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	PECDD	0.000095	U	0.0002	U	0.00021	U	0.0002	U	0.00027	U	0.00007	U	0.0002	U	0.00012		0.00023	U	0.000083	U	NA		NA	
SOWZS	PECDF	0.00011	U	0.00012	U	0.00038	U	0.00035		0.00015	U	0.000045	U	0.00012	U	0.00024		0.00014	U	0.000052	U	NA		NA	
SOWZS	TCDD	0.000066	U	0.000085	U	0.00018	U	0.000089	U	0.00022	U	0.000074	U	0.0002	U	0.00008	U	0.00023	U	0.000083	U	NA		NA	
SOWZS	TCDF	0.000039	U	0.000055	U	0.088	F	0.057		0.0026		0.014		0.0026		0.033		0.00084		0.00055		NA		NA	

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WASTE WATER T[illegible]MENT AREA
SHALLOW SOIL
ORGANIC DATA

		SITE	0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
		LOCATOR	SMU-12/12G		SMU10/B10F1		SMU10/B10G1		SMU10/B10H1		SMU12/B12A1		SMU12/B12B1		SMU12/B12C		SMU12/B12C1		SMU12/B12D1	
		SAMPLE NUMBER	B-12G*II-2		B-10F1*II-1		B-10G1*II-1		B-10H1*II-1		B-12A1*II-1		B-12B1*II-1		B-DUP4*II-1		B-12C1*II-1		B-12D1*II-1	
		COLLECT DATE	5/5/94		7/22/93		7/22/93		7/22/93		7/25/93		7/25/93		7/25/93		7/25/93		7/25/93	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	4,4'-DDE		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	4,4'-DDT		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	ALDRIN		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	ALPHA-BHC		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	ALPHA-CHLORDANE		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	BETA-BHC		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	CHLOROBENZILATE		NA		0.02	U	0.018	U	0.02	U	1.9	U	9.3	U	1.8	U	0.91	U	1.8	U
8080S	DELTA-BHC		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	DIELDRIN		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	ENDOSULFAN I		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	ENDOSULFAN II		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	ENDOSULFAN SULFATE		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	ENDRIN		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	ENDRIN ALDEHYDE		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.25	J	0.36	U
8080S	GAMMA-BHC		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	GAMMA-CHLORDANE		0.2	U	0.002	U	0.0018	U	0.002	U	1.1	J	19	J	1.7	J	1.8	J	2.2	J
8080S	HEPTACHLOR		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	HEPTACHLOR EPOXIDE		NA		0.002	U	0.0018	U	0.002	U	0.19	U	0.93	U	0.18	U	0.091	U	0.18	U
8080S	ISODRIN		NA		0.0039	U	0.0036	U	0.0039	U	0.36	U	1.8	U	0.35	U	0.18	U	0.36	U
8080S	KEPONE		NA		0.02	U	0.018	U	0.02	U	1.9	U	9.3	U	1.8	U	0.91	U	1.8	U
8080S	METHOXYCHLOR		NA		0.02	U	0.018	U	0.02	U	1.9	U	9.3	U	1.8	U	0.91	U	1.8	U
8080S	PCB-1016		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	PCB-1221		NA		0.079	U	0.073	U	0.079	U	7.4	U	37	U	7.2	U	3.6	U	7.3	U
8080S	PCB-1232		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	PCB-1242		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	PCB-1248		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	PCB-1254		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	PCB-1260		NA		0.039	U	0.036	U	0.039	U	3.6	U	18	U	3.5	U	1.8	U	3.6	U
8080S	TOXAPHENE		NA		0.2	U	0.18	U	0.2	U	19	U	93	U	18	U	9.1	U	18	U
8142S	DIMETHOATE		NA		0.39	U	0.36	U	0.39	U	0.36	U	0.72	U	0.35	U	0.35	U	0.36	U
8142S	DISULFOTON		NA		0.15	U	0.14	U	0.15	U	0.14	U	0.29	U	0.14	U	0.14	U	0.14	U
8142S	ETHYL PARATHION		NA		0.039	U	0.036	U	0.039	U	0.036	U	0.072	U	0.035	U	0.035	U	0.036	U
8142S	FAMPHUR		NA		0.39	U	0.36	U	0.39	U	0.36	U	0.72	U	0.35	U	0.35	U	0.36	U
8142S	METHYL PARATHION		NA		0.02	U	0.018	U	0.02	U	0.019	U	0.037	U	0.018	U	0.018	U	0.018	U
8142S	O,O,O-TRIETHYLPHOSPHORTHIOATE		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8142S	PHORATE		NA		0.039	U	0.036	U	0.039	U	0.036	U	0.072	U	0.035	U	0.035	U	0.036	U
8142S	SULFOTEPP		NA		0.019	U	0.018	U	0.019	U	0.14	J	0.037	U	0.018	U	0.018	U	0.055	J
8142S	THIONAZIN		NA		0.039	U	0.036	U	0.039	U	0.036	U	0.072	U	0.035	U	0.035	U	0.036	U
8152S	2,4,5-T		NA		0.02	U	0.018	U	0.02	U	NA		NA		0.018	U	0.018	U	NA	
8152S	2,4,5-TP (SILVEX)		NA		0.02	U	0.018	U	0.02	U	NA		NA		0.018	U	0.018	U	NA	
8152S	2,4-D		NA		0.02	U	0.018	U	0.02	U	NA		NA		0.11	J	0.12	J	NA	
8152S	DINOSEB		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,1,1-TRICHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,1,2,2-TETRACHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,1,2-TRICHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,1-DICHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,1-DICHLOROETHENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,2,3-TRICHLOROPROPANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	1,2-DIBROMOETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,2-DICHLOROETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	1,2-DICHLOROPROPANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	2-BUTANONE		NA		0.029	U	0.027	U	0.029	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	2-CHLORO-1,3-BUTADIENE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	2-HEXANONE		NA		0.029	U	0.027	U	0.029	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	3-CHLOROPROPENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	4-METHYL-2-PENTANONE		NA		0.029	U	0.027	U	0.029	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	ACETONE		NA		0.029	U	0.027	U	0.029	U	0.027	U	0.2	J	0.027	U	0.032	J	0.039	J
8240S	ACETONITRILE		NA		0.24	U	0.22	U	0.24	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	ACROLEIN		NA		0.24	U	0.22	U	0.24	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	ACRYLONITRILE		NA		0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240S	BENZENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	BROMODICHLOROMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	BROMOFORM		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	BROMOMETHANE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CARBON DISULFIDE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	CARBON TETRACHLORIDE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	CHLOROBENZENE		NA		0.0059	U	0.0054	U	0.0059	U	0.015	J	0.19	J	0.0054	U	0.0054	U	0.018	J
8240S	CHLOROETHANE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CHLOROFORM		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	CHLOROMETHANE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CIS-1,3-DICHLOROPROPENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	DIBROMOCHLOROMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	DIBROMOMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	DICHLORODIFLUOROMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	ETHYL METHACRYLATE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	ETHYLBENZENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	IODOMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	ISOBUTANOL		NA		R		R		R		R		R		R		R		R	
8240S	M&P-XYLENE		NA		0.0059	U	0.0054	U	0.0059	U	0.016	J	0.33	J	0.0054	U	0.0054	U	0.015	J
8240S	METHACRYLONITRILE		NA		0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240S	METHYL METHACRYLATE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	METHYLENE CHLORIDE		NA		0.01		0.0074		0.011		0.01	J	0.011	J	0.0076	J	0.0072	J	0.0081	J
8240S	O-XYLENE		NA		0.0059	U	0.0054	U	0.0059	U	0.02	J	0.17	J	0.0054	U	0.0054	U	0.0074	J
8240S	PENTACHLOROETHANE		NA		0.029	U	0.027	U	0.029	U	R		R		R		R		R	
8240S	PROPANENITRILE		NA		0.24	U	0.22	U	0.24	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	STYRENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.019	J	0.0054	U	0.0054	U	0.0054	U
8240S	TETRACHLOROETHENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0064	J
8240S	TOLUENE		NA		0.0059	U	0.0054	U	0.0059	U	0.014	J	0.18	J	0.0054	U	0.0054	U	0.062	J
8240S	TRANS-1,2-DICHLOROETHENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	TRANS-1,3-DICHLOROPROPENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	TRICHLOROETHENE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	TRICHLOROFLUOROMETHANE		NA		0.0059	U	0.0054	U	0.0059	U	0.0055	U	0.0055	U	0.0054	U	0.0054	U	0.0054	U
8240S	VINYL ACETATE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	VINYL CHLORIDE		NA		0.012	U	0.011	U	0.012	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
824DS	1,4-DIOXANE		NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	ISOBUTANOL		NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	METHACRYLONITRILE		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,2,4-TRICHLOROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.034	J
8270S	1,2-DICHLOROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,3,5-TRINITROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,3-DICHLOROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,3-DINITROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,4-DICHLOROBENZENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,4-DIOXANE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1,4-NAPHTHOQUINONE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	1-NAPHTHYLAMINE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,3,4,6-TETRACHLOROPHENOL		NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	2,4,5-TRICHLOROPHENOL		NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	2,4,6-TRICHLOROPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,4-DICHLOROPHENOL		NA		0.39	U	0.36	U	0.39	U	0.3	J	1.7	J	0.13	J	0.13	J	0.28	J
8270S	2,4-DIMETHYLPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,4-DINITROPHENOL		NA		R		R		2	U	1.9	U	R		1.8	U	1.8	U	R	
8270S	2,4-DINITROTOLUENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,6-DICHLOROPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2,6-DINITROTOLUENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-ACETYLAMINOFLUORENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-CHLORONAPHTHALENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-CHLOROPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-METHYLNAPHTHALENE		NA		0.39	U	0.36	U	0.39	U	0.36	U	0.3	J	0.35	U	0.35	U	0.36	U
8270S	2-METHYLPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-NAPHTHYLAMINE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-NITROANILINE		NA		2	U	1.8	U	2	U	0.073	J	9.3	U	1.8	U	0.053	J	1.9	U
8270S	2-NITROPHENOL		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	2-PICOLINE		NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WASTE WATER TREATMENT AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
	LOCATOR	SMU-12/12G		SMU10/B10F1		SMU10/B10G1		SMU10/B10H1		SMU12/B12A1		SMU12/B12B1		SMU12/B12C		SMU12/B12C1		SMU12/B12D1	
	SAMPLE NUMBER	B-12G*II-2		B-10F1*II-1		B-10G1*II-1		B-10H1*II-1		B-12A1*II-1		B-12B1*II-1		B-DUP4*II-1		B-12C1*II-1		B-12D1*II-1	
	COLLECT DATE	5/5/94		7/22/93		7/22/93		7/22/93		7/25/93		7/25/93		7/25/93		7/25/93		7/25/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	NA		0.39	U	0.36	U	0.39	U	0.36	U	0.38	J	0.35	U	0.35	U	0.084	J
8270S	3',4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		0.35	U	0.35	U	NA	
8270S	3,3'-DICHLOROBENZIDINE	NA		0.78	U	0.72	U	0.78	U	0.72	U	3.6	U	0.71	U	0.71	U	0.72	U
8270S	3,3'-DIMETHYLBENZIDINE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.1	U	0.22	U	0.22	U	0.22	U
8270S	3-METHYLCHOLANTHRENE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.1	U	0.22	U	0.22	U	0.22	U
8270S	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	4,6-DINITRO-2-METHYLPHENOL	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	4-AMINOBIPHENYL	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	4-BROMOPHENYL-PHENYLETHER	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	4-CHLORO-3-METHYLPHENOL	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	4-CHLOROANILINE	NA		0.78	U	0.72	U	0.78	U	1.9		5.6		1		1.2		1.4	
8270S	4-CHLOROPHENYL-PHENYLETHER	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	4-NITROPHENOL	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	4-NITROQUINOLINE-N-OXIDE	NA		R		R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.1	U	0.22	U	0.22	U	0.22	U
8270S	ACENAPHTHENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	ACENAPHTHYLENE	NA		0.39	U	0.36	U	0.39	U	0.045	J	1.8	U	0.35	U	0.35	U	0.36	U
8270S	ACETOPHENONE	NA		0.39	U	0.36	U	0.39	U	0.023	J	1.8	U	0.35	U	0.35	U	0.026	J
8270S	ANILINE	NA		0.39	U	0.36	U	0.39	U	0.51		1.6	J	0.41		0.42		0.58	
8270S	ANTHRACENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	ARAMITE	NA		R		R		R		R		R		R		R		R	
8270S	BENZO(A)ANTHRACENE	NA		0.27	U	0.25	U	0.27	U	0.37		1.3	U	0.25	U	0.25	U	0.6	J
8270S	BENZO(A)PYRENE	NA		0.046	J	0.25	U	0.27	U	0.25	U	1.3	U	0.25	U	0.25	U	0.25	U
8270S	BENZO(B)FLUORANTHENE	NA		0.085	J	0.25	U	0.27	U	0.47	J	2.7		0.11	J	0.33	J	0.65	J
8270S	BENZO(G,H,I)PERYLENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.1	J	0.35	U	0.35	U	0.3	J
8270S	BENZO(K)FLUORANTHENE	NA		0.27	U	0.25	U	0.27	U	0.16	J	0.81	J	0.055	J	0.25	U	0.23	J
8270S	BENZYL ALCOHOL	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	BIS(2-CHLOROETHOXY)METHANE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	BIS(2-CHLOROETHYL)ETHER	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	NA		0.99		0.12	J	0.39	U	0.36	U	1.8	U	0.37		0.35	J	0.36	U
8270S	BUTAZOLIDIN	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	NA		0.39	U	0.36	U	0.39	U	0.31	J	1.8	U	0.078	J	0.19	J	0.36	U
8270S	DCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DCDF	NA		NA		NA		NA		NA		NA		0	U	0	U	NA	
8270S	DI-N-BUTYLPHTHALATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.076	J	0.1	J	0.36	U
8270S	DI-N-OCTYLPHTHALATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	DIALLATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	DIBENZ(A,H)ANTHRACENE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.1	U	0.22	U	0.22	U	0.22	U
8270S	DIBENZOFURAN	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	DIETHYLPHTHALATE	NA		0.39	U	0.36	U	0.39	U	0.22	J	1.8	U	0.35	U	0.35	U	0.36	U
8270S	DIMETHYLPHENETHYLAMINE	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	DIMETHYLPHTHALATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	DINOSEB	NA		0.39	U	0.36	U	0.39	U	0.36	U	R		0.35	U	0.35	U	R	
8270S	DIPHENYLAMINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	ETHYL METHANESULFONATE	NA		0.035	U	0.033	U	0.035	U	0.033	U	0.16	U	0.032	U	0.032	U	0.033	U
8270S	FLUORANTHENE	NA		0.1	J	0.36	U	0.046	J	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	FLUORENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.11	J
8270S	HEXACHLOROBENZENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	HEXACHLOROBUTADIENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	HEXACHLOROCYCLOPENTADIENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	HEXACHLOROETHANE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	INDENO(1,2,3-CD)PYRENE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.2		0.049	J	0.12	J	0.29	J
8270S	IRGASAN DP-300	NA		NA		NA		NA		NA		NA		20		24		NA	
8270S	ISOPHORONE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	ISOSAFROLE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	METHAPYRILENE	NA		3.9	U	3.6	U	3.9	U	3.6	U	18	U	3.5	U	3.5	U	3.6	U
8270S	METHYL METHANESULFONATE	NA		0.035	U	0.033	U	0.035	U	0.033	U	0.16	U	0.032	U	0.032	U	0.033	U
8270S	N-NITROSO-DI-N-BUTYLAMINE.	NA		0.35	U	0.33	U	0.35	U	0.33	U	1.6	U	0.32	U	0.32	U	0.33	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	NA		0.24	U	0.22	U	0.24	U	0.22	U	1.1	U	0.22	U	0.22	U	0.22	U
8270S	N-NITROSODIETHYLAMINE	NA		0.015	U	0.014	U	0.015	U	0.014	U	0.071	U	0.014	U	0.014	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE	NA		0.058	U	0.053	U	0.058	U	0.054	U	0.27	U	0.053	U	0.053	U	0.053	U
8270S	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	N-NITROSOMORPHOLINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	N-NITROSOPIPERIDINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	N-NITROSOPYRROLIDINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	NAPHTHALENE	NA		0.39	U	0.36	U	0.39	U	0.092	J	1.5	J	0.35	U	0.35	U	0.066	J
8270S	NITROBENZENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	O-TOLUIDINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	P-DIMETHYLAMINOAZOBENZENE	NA		0.035	U	0.033	U	0.035	U	0.033	U	0.16	U	0.032	U	0.032	U	0.033	U
8270S	P-PHENYLENEDIAMINE	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	PENTACHLOROBENZENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	PENTACHLOROPHENOL	NA		2	U	1.8	U	2	U	1.9	U	9.3	U	1.8	U	1.8	U	1.9	U
8270S	PHENACETIN	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	PHENANTHRENE	NA		0.049	J	0.36	U	0.39	U	0.48		3.4		0.11	J	0.36	J	0.82	
8270S	PHENOL	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	PRONAMIDE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	PROPAZINE	NA		NA		NA		NA		NA		NA		0.71	U	0.71	U	NA	
8270S	PYRENE	NA		0.13	J	0.043	J	0.39	U	0.97		6.1		0.22	J	0.52	J	1.9	J
8270S	PYRIDINE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	SAFROLE	NA		0.39	U	0.36	U	0.39	U	0.36	U	1.8	U	0.35	U	0.35	U	0.36	U
8270S	TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		170		210		NA	
8270S	TOFRANIL	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDF	NA		NA		NA		NA		NA		NA		1.2		1.1		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		0.000079	U	0.000086	U	0.000078	U	NA		NA		NA		0.00011	U	NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		0.000087	U	0.000086	U	0.00015	U	NA		NA		NA		0.00011	U	NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		0.00012	U	0.00012	U	0.00021	U	NA		NA		NA		0.00015	U	NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		0.00013	U	0.00013	U	0.00012	U	NA		NA		NA		0.00021	U	NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		0.00012	U	0.00012	U	0.00021	U	NA		NA		NA		0.00009	U	NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		0.00012	U	0.00012	U	0.00011	U	NA		NA		NA		0.00022	U	NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		0.000099	U	0.00011	U	0.00018	U	NA		NA		NA		0.000084	U	NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		0.00012	U	0.00012	U	0.00011	U	NA		NA		NA		0.00019	U	NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		0.00013	U	0.00014	U	0.00024	U	NA		NA		NA		0.00011	U	NA	
SOWZS	1,2,3,7,8-PECDD	NA		0.00011	U	0.000099	U	0.000093	U	NA		NA		NA		0.00023	U	NA	
SOWZS	1,2,3,7,8-PECDF	NA		0.000077	U	0.000067	U	0.000067	U	NA		NA		NA		0.00013	U	NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		0.00012	U	0.00012	U	0.00021	U	NA		NA		NA		0.000097	U	NA	
SOWZS	2,3,4,7,8-PECDF	NA		0.00008	U	0.00007	U	0.00007	U	NA		NA		NA		0.00014	U	NA	
SOWZS	2,3,7,8-TCDD	NA		0.000076	U	0.000077	U	0.000064	U	NA		NA		NA		0.00013	U	NA	
SOWZS	2,3,7,8-TCDF	NA		0.000055	U	0.000087	F	0.000048	U	NA		NA		NA		0.0012		NA	
SOWZS	HPCDD	NA		0.000079	U	0.000086	U	0.000078	U	NA		NA		NA		0.00011	U	NA	
SOWZS	HPCDF	NA		0.000087	U	0.000086	U	0.00015	U	NA		NA		NA		0.00011	U	NA	
SOWZS	HXCDD	NA		0.00012	U	0.00012	U	0.00011	U	NA		NA		NA		0.00019	U	NA	
SOWZS	HXCDF	NA		0.000099	U	0.00011	U	0.00018	U	NA		NA		NA		0.000084	U	NA	
SOWZS	OCDD	NA		0.00038	U	0.00075	U	0.00025	U	NA		NA		NA		0.00073	U	NA	
SOWZS	OCDF	NA		0.00023	U	0.00019	U	0.00014	U	NA		NA		NA		0.0002	U	NA	
SOWZS	PECDD	NA		0.00011	U	0.000099	U	0.000093	U	NA		NA		NA		0.00023	U	NA	
SOWZS	PECDF	NA		0.000077	U	0.000067	U	0.000067	U	NA		NA		NA		0.00013	U	NA	
SOWZS	TCDD	NA		0.000075	U	0.000077	U	0.000064	U	NA		NA		NA		0.00013	U	NA	
SOWZS	TCDF	NA		0.000055	U	0.000087	F	0.000048	U	NA		NA		NA		0.0089		NA	

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WASTE WATER TREATMENT AREA
DEEP SOIL
ORGANIC DATA

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		4 to 6		4 to 6		4 to 6	
	LOCATOR	SMU10/B10A		SMU10/B10B		SMU10/B10C		SMU10/B10C		SMU10/B10D		SMU10/B10E		SMU12/B12A2		SMU12/B12D2		SMU12/B12E2		SMU12/B12B3		SMU12/B12C3		SMU12/B12E3	
	SAMPLE NUMBER	B-10A*IB-1		B-10B*IB-1		B-10C*IB-1		B-10C*IB-2		B-10D*IB-2		B-10E*IB-2		B-12A2*II-1		B-12D2*II-1		B-12E2*II-1		B-12B3*II-1		B-12C3*II-1		B-12E3*II-1	
	COLLECT DATE	12/5/90		33212		12/5/90		33310		3/13/91		33310		7/25/93		34175		7/26/93		34175		7/25/93		34176	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.017	U	0.018	U	0.18	U	0.35	U	0.0072	U	0.18	U
8080S	4,4'-DDE	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.017	U	0.018	U	0.18	U	0.35	U	0.0072	U	0.18	U
8080S	4,4'-DDT	0.0022	U	0.0021	U	0.002	U	0.0021	U	0.0021	U	0.0021	U	0.017	U	0.018	U	0.18	U	0.35	U	0.024		0.18	U
8080S	ALDRIN	0.0011	U	0.0012	J	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.0092	U	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	ALPHA-BHC	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.0092	U	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	ALPHA-CHLORDANE	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.013	J	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	BETA-BHC	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.0092	U	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		0.089	U	0.092	U	0.91	U	1.8	U	0.037	U	0.93	U
8080S	DELTA-BHC	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.024	J	0.0092	U	0.091	U	0.18	U	0.019	J	0.093	U
8080S	DIELDRIN	0.0011	U	0.001	U	0.001	U	0.001	U	0.0012		0.001	U	0.017	U	0.018	U	0.18	U	0.35	U	0.017		0.18	U
8080S	ENDOSULFAN I	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.013	J	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	ENDOSULFAN II	0.0034	U	0.0031	U	0.003	U	0.0031	U	0.0031	U	0.0031	U	0.017	U	0.018	U	0.18	U	0.35	U	0.0072	U	0.18	U
8080S	ENDOSULFAN SULFATE	0.0056	U	0.0051	U	0.0051	U	0.0052	U	0.0052	U	0.0051	U	0.017	U	0.018	U	0.18	U	0.35	U	0.0072	U	0.18	U
8080S	ENDRIN	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.017	U	0.018	U	0.18	U	0.35	U	0.019		0.18	U
8080S	ENDRIN ALDEHYDE	0.0022	U	0.0021	U	0.002	U	0.0021	U	0.0021	U	0.0021	U	0.017	U	0.079	J	1		0.35	U	0.0072	U	0.18	U
8080S	GAMMA-BHC	0.0011	U	0.001	U	0.0013	J	0.001	U	0.001	U	0.0021		0.0089	U	0.0092	U	0.091	U	0.18	U	0.0038	J	0.093	U
8080S	GAMMA-CHLORDANE	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.11	J	0.89	J	1.7	J	2.1	J	0.11	J	1.3	J
8080S	HEPTACHLOR	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.0092	U	0.091	U	0.18	U	0.0046	J	0.093	U
8080S	HEPTACHLOR EPOXIDE	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.0089	U	0.0092	U	0.091	U	0.18	U	0.0037	U	0.093	U
8080S	ISODRIN	0.0011	U	0.001	U	0.001	U	0.001	U	0.001	U	0.001	U	0.017	U	0.018	U	0.18	U	0.35	U	0.0072	U	0.18	U
8080S	KEPONE	0.0011	U	0.001	U	0.001	U	0.001	U	0.0054	J	0.001	U	0.089	U	0.092	U	0.91	U	1.8	U	0.037	U	0.93	U
8080S	METHOXYCHLOR	0.0056	U	0.0051	U	0.0051	U	0.0052	U	0.0052	U	0.0051	U	0.089	U	0.092	U	0.91	U	1.8	U	0.037	U	0.93	U
8080S	PCB-1016	0.011	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	PCB-1221	0.022	U	0.021	U	0.02	U	0.021	U	0.021	U	0.021	U	0.35	U	0.36	U	3.6	U	7.2	U	0.14	U	3.7	U
8080S	PCB-1232	0.022	U	0.021	U	0.02	U	0.021	U	0.021	U	0.021	U	0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	PCB-1242	0.011	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	PCB-1248	0.011	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	PCB-1254	0.022	U	0.021	U	0.02	U	0.021	U	0.021	U	0.057		0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	PCB-1260	0.022	U	0.021	U	0.02	U	0.021	U	0.021	U	0.021	U	0.17	U	0.18	U	1.8	U	3.5	U	0.072	U	1.8	U
8080S	TOXAPHENE	0.056	U	0.051	U	0.051	U	0.052	U	0.052	U	0.051	U	0.89	U	0.92	U	9.1	U	18	U	0.37	U	9.3	U
8140S	DIMETHOATE	0.23	U	0.1	U	0.11	U	0.11	U	0.1	U	0.1	U	0.35	U	0.36	U	0.36	U	0.35	U	0.36	U	0.36	U
8140S	DISULFOTON	0.23	U	0.1	U	0.11	U	0.11	U	0.1	U	0.1	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
8140S	ETHYL PARATHION	0.17	U	0.078	U	0.0019	J	0.079	U	0.078	U	0.077	U	0.035	U	0.036	U	0.036	U	0.035	U	0.036	U	0.036	U
8140S	FAMPHUR	0.57	U	0.0066	J	0.26	U	0.26	U	0.26	U	0.26	U	0.35	U	0.36	U	0.36	U	0.35	U	0.36	U	0.36	U
8140S	METHYL PARATHION	0.0082	J	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.019	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	1.1	U	0.52	U	0.53	U	0.53	U	0.52	U	0.51	U	NA		NA		NA		NA		NA		NA	
8140S	PHORATE	0.17	U	0.078	U	0.079	U	0.079	U	0.078	U	0.077	U	0.035	U	0.036	U	0.036	U	0.035	U	0.036	U	0.036	U
8140S	SULFOTEPP	0.11	U	0.052	U	0.053	U	0.053	U	0.052	U	0.051	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	0.019	U
8140S	THIONAZIN	1.1	U	0.0063	J	0.53	U	0.53	U	0.52	U	0.51	U	0.035	U	0.036	U	0.036	U	0.035	U	0.036	U	0.036	U
8150S	2,4,5-T	0.023	U	0.021	U	0.021	U	0.022	U	0.022	U	0.021	U	NA		NA		NA		0.018	U	NA		NA	
8150S	2,4,5-TP (SILVEX)	0.02	U	0.018	U	0.018	U	0.018	U	0.018	U	0.018	U	NA		NA		NA		0.018	U	NA		NA	
8150S	2,4-D	0.14	U	0.12	U	0.13	U	0.13	U	0.13	U	0.13	U	NA		NA		NA		0.055	J	NA		NA	
8150S	DINOSEB	0.017	U	0.016	U	0.016	U	0.016	U	0.016	U	0.016	U	NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,1,1-TRICHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,1,2-TRICHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,1-DICHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,1-DICHLOROETHENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,2,3-TRICHLOROPROPANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.46	U	0.42	U	0.43	U	0.43	U	0.43	U	0.43	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	1,2-DIBROMOETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,2-DICHLOROETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	1,2-DICHLOROPROPANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	2-BUTANONE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.026	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	2-CHLORO-1,3-BUTADIENE	0.58	U	0.53	U	0.53	U	0.54	U	0.54	U	0.53	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	2-HEXANONE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.026	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	3-CHLOROPROPENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	4-METHYL-2-PENTANONE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.026	U	0.027	U	0.027	U	0.027	U	0.027	U	0.027	U
8240S	ACETONE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.026	U	0.19		0.14		0.12	J	0.21	J	0.16	J
8240S	ACETONITRILE	0.46	U	0.42	U	0.43	U	0.43	U	0.43	U	0.43	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	ACROLEIN	R		R		R		R		R		R		0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	ACRYLONITRILE	1.2	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240S	BENZENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	BROMODICHLOROMETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	BROMOFORM	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	BROMOMETHANE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CARBON DISULFIDE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	CARBON TETRACHLORIDE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	CHLOROBENZENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.12	J	0.0054	U	0.0055	U
8240S	CHLOROETHANE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CHLOROFORM	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	CHLOROMETHANE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	CIS-1,3-DICHLOROPROPENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	DIBROMOCHLOROMETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	DIBROMOMETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	DICHLORODIFLUOROMETHANE	0.46	U	0.42	U	0.43	U	0.43	U	0.43	U	0.43	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	ETHYL METHACRYLATE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	ETHYLBENZENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	IODOMETHANE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		R		R		R		R		R		R	
8240S	M&P-XYLENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.24	J	0.0054	U	0.0055	U
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
8240S	METHYL METHACRYLATE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	METHYLENE CHLORIDE	0.16	U	0.15	U	0.27	U	0.15	U	0.29	U	0.16	U	0.0053	U	0.0058		0.0061		0.0093	J	0.0097	J	0.0055	U
8240S	O-XYLENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.12	J	0.0054	U	0.0055	U
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		R		R		R		R		R		R	
8240S	PROPANENITRILE	2.3	U	2.1	U	2.1	U	2.2	U	2.2	U	2.1	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8240S	STYRENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0091	J	0.0054	U	0.0055	U
8240S	TETRACHLOROETHENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	TOLUENE	0.12	U	0.1	U	0.11	U	0.11	U	0.036	J	0.11	U	0.0053	U	0.0054	U	0.0057		0.092	J	0.0081	J	0.0055	U
8240S	TRANS-1,2-DICHLOROETHENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	TRICHLOROETHENE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	TRICHLOROFLUOROMETHANE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.0053	U	0.0054	U	0.0054	U	0.0054	U	0.0054	U	0.0055	U
8240S	VINYL ACETATE	0.12	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	VINYL CHLORIDE	0.23	U	0.21	U	0.21	U	0.22	U	0.22	U	0.21	U	0.01	U	0.011	U	0.011	U	0.011	U	0.011	U	0.011	U
8240S	1,4-DIOXANE	11	U	11	U	11	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA	
8240S	ISOBUTANOL	11	U	11	U	11	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA	
8240S	METHACRYLONITRILE	11	U	11	U	11	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,2,4-TRICHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,2-DICHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,3-DICHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,3-DINITROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,4-DICHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1,4-NAPHTHOQUINONE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	1-NAPHTHYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,3,4,6-TETRACHLOROPHENOL	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2,4,5-TRICHLOROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2,4,6-TRICHLOROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,4-DICHLOROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.055	J	0.049	J	0.23	J	0.3	J	0.36	U	0.11	J
8270S	2,4-DIMETHYLPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,4-DINITROPHENOL	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	R		R		R		1.9	U	1.9	U
8270S	2,4-DINITROTOLUENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,6-DICHLOROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2,6-DINITROTOLUENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-ACETYLAMINOFLUORENE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-CHLORONAPHTHALENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-CHLOROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-METHYLNAPHTHALENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-METHYLPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-NAPHTHYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-NITROANILINE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	2-NITROPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	2-PICOLINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U

All concentration in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER T[illegible]MENT AREA
DEEP SOIL
ORGANIC DATA

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		4 to 6		4 to 6		4 to 6	
	LOCATOR	SMU10/B10A		SMU10/B10B		SMU10/B10C		SMU10/B10C		SMU10/B10D		SMU10/B10E		SMU12/B12A2		SMU12/B12D2		SMU12/B12E2		SMU12/B12B3		SMU12/B12C3		SMU12/B12E3	
	SAMPLE NUMBER	B-10A*IB-1		B-10B*IB-1		B-10C*IB-1		B-10C*IB-2		B-10D*IB-2		B-10E*IB-2		B-12A2*II-1		B-12D2*II-1		B-12E2*II-1		B-12B3*II-1		B-12C3*II-1		B-12E3*II-1	
	COLLECT DATE	12/5/90		33212		12/5/90		33310		3/13/91		33310		7/25/93		34175		7/26/93		34175		7/25/93		34176	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		0.35	U	0.36	U	0.35	U	0.12	J	0.36	U	0.36	U
8270S	3',4'-DIMETHOXYACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.35	U	NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	0.69	U	0.72	U	0.71	U	0.71	U	0.72	U	0.72	U
8270S	3,3'-DIMETHYLBENZIDINE	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8270S	3-METHYLCHOLANTHRENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8270S	3-METHYLPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4,6-DINITRO-2-METHYLPHENOL	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-AMINOBIPHENYL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	4-BROMOPHENYL-PHENYLETHER	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	4-CHLORO-3-METHYLPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	4-CHLOROANILINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.064	J	0.22	J	0.29	J	0.86		0.053	J	0.25	J
8270S	4-CHLOROPHENYL-PHENYLETHER	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	4-METHYLPHENOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-NITROPHENOL	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		R		R		R		R		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8270S	ACENAPHTHENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.054	J	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	ACENAPHTHYLENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.086	J	0.36	U	0.35	U	0.35	U	0.36	U	0.058	J
8270S	ACETOPHENONE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.025	J	0.35	U	0.36	U	0.36	U
8270S	ANILINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.12	J	0.19	J	0.17	J	0.36	U	0.066	J
8270S	ANTHRACENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.39		0.36	U	0.35	U	0.095	J	0.051	J	0.12	J
8270S	ARAMITE	45	U	10	U	10	U	11	U	10	U	10	U	R		R		R		R		R		R	
8270S	BENZO(A)ANTHRACENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.72		0.25	U	0.25	U	0.25	U	0.25	U	0.35	
8270S	BENZO(A)PYRENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.63		0.25	U	0.25	U	0.25	U	0.15	J	0.39	
8270S	BENZO(B)FLUORANTHENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.78		0.29	J	0.23	J	0.26		0.17	J	0.46	
8270S	BENZO(G,H,I)PERYLENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.14	J	0.35	U	0.13	J	0.36	U	0.36	U
8270S	BENZO(K)FLUORANTHENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.36		0.11	J	0.074	J	0.125	J	0.25	U	0.21	J
8270S	BENZYL ALCOHOL	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	BIS(2-CHLOROETHOXY)METHANE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	BIS(2-CHLOROETHYL)ETHER	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	4.5	U	1	U	1	U	1.1	U	0.39	J	0.54	J	0.077	J	0.36	U	0.35	U	0.26	J	0.1	J	0.36	U
8270S	BUTAZOLIDIN	23	U	5.1	U	5.2	U	R		R		R		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.05	J
8270S	CHLOROBENZILATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.63		0.36	U	0.35	U	0.22	J	0.15	J	0.27	J
8270S	DCDD	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	NA		NA		NA		NA		NA		NA	
8270S	DCDF	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	NA		NA		NA		0	U	NA		NA	
8270S	DI-N-BUTYLPHTHALATE	4.5	U	1	U	1	U	1.1	U	1	U	0.41	J	0.35	U	0.36	U	0.35	U	0.12	J	0.36	U	0.36	U
8270S	DI-N-OCTYLPHTHALATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	DIALLATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	DIBENZ(A,H)ANTHRACENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.072	J	0.22	U	0.22	U	0.22	U	0.22	U	0.064	J
8270S	DIBENZOFURAN	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.094	J	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	DIETHYLPHTHALATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	DIMETHYLPHENETHYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	DIMETHYLPHTHALATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	DINOSEB	NA		NA		NA		NA		NA		NA		0.35	U	R		R		0.35	U	0.36	U	0.36	U
8270S	DIPHENYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	ETHYL METHANESULFONATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.032	U	0.033	U	0.032	U	0.032	U	0.033	U	0.033	U
8270S	FLUORANTHENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	1.8		0.36	U	0.35	U	0.19	J	0.36	U	0.46	
8270S	FLUORENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.09	J	0.36	U	0.35	U	0.35	U	0.36	U	0.045	J
8270S	HEXACHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	HEXACHLOROBUTADIENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	HEXACHLOROCYCLOPENTADIENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	HEXACHLOROETHANE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	HEXACHLOROPHENE	NA		NA		NA		210	U	210	U	210	U	NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	INDENO(1,2,3-CD)PYRENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35		0.15	J	0.11	J	0.14	J	0.22	U	0.23	
8270S	IRGASAN DP-300	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	NA		NA		NA		67		NA		NA	
8270S	ISOPHORONE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	ISOSAFROLE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	METHAPYRILENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	3.6	U	3.6	U	3.5	U	3.5	U	3.6	U	3.6	U
8270S	METHYL METHANESULFONATE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.032	U	0.033	U	0.032	U	0.032	U	0.033	U	0.033	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.32	U	0.33	U	0.32	U	0.32	U	0.33	U	0.33	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.21	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
8270S	N-NITROSODIETHYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.052	U	0.053	U	0.053	U	0.053	U	0.053	U	0.054	U
8270S	N-NITROSODIPHENYLAMINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	N-NITROSOMORPHOLINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	N-NITROSOPIPERIDINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	N-NITROSOPYRROLIDINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	NAPHTHALENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.041	J	0.35	U	0.17	J	0.36	U	0.36	U
8270S	NITROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	O-TOLUIDINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	P-DIMETHYLAMINOAZOBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.032	U	0.033	U	0.032	U	0.032	U	0.033	U	0.033	U
8270S	P-PHENYLENEDIAMINE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	PENTACHLOROBENZENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	PENTACHLOROETHANE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	4.5	U	1	U	1	U	R		R		R		0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	PENTACHLOROPHENOL	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	1.8	U	1.9	U	1.8	U	1.8	U	1.9	U	1.9	U
8270S	PHENACETIN	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	PHENANTHRENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	1.8		0.22	J	0.19	J	0.4		0.15	J	0.58	
8270S	PHENOL	4.5	U	1	U	1	U	1.1	U	0.12	J	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	PRONAMIDE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	PROPAZINE	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	NA		NA		NA		0.84	J	NA		NA	
8270S	PYRENE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	2.1		0.59		0.52	J	0.48		0.39		0.83	
8270S	PYRIDINE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	SAFROLE	4.5	U	1	U	1	U	1.1	U	1	U	1	U	0.35	U	0.36	U	0.35	U	0.35	U	0.36	U	0.36	U
8270S	TINUVIN 327	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		140		NA		NA	
8270S	TOFRANIL	23	U	5.1	U	5.2	U	5.3	U	5.2	U	5.2	U	NA		NA		NA		NA		NA		NA	
8270S	TRCDD	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	NA		NA		NA		NA		NA		NA	
8270S	TRCDF	9	U	2	U	2.1	U	2.1	U	2.1	U	2.1	U	NA		NA		NA		0	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000082	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000083	U	NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00011	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00015	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000073	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00015	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000069	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00013	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000089	U	NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00011	U	NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000076	U	NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000079	U	NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000081	U	NA		NA	
SOWZS	2,3,7,8-TCDD	0.00026	U	0.0002	U	0.0003	U	0.00013	U	0.000097	U	0.000071	U	NA		NA		NA		0.00005	U	NA		NA	
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.0001	J	NA		NA	
SOWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000082	U	NA		NA	
SOWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.000083	U	NA		NA	
SOWZS	HXCDD	0.00063	U	0.00039	U	0.00057	U	0.00016	U	0.00013	U	0.00009	U	NA		NA		NA		0.00013	U	NA		NA	
SOWZS	HXCDF	0.00031	U	0.00022	U	0.00033	U	0.00012	U	0.000087	U	0.000064	U	NA		NA		NA		0.000068	U	NA		NA	
SOWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00037	U	NA		NA	
SOWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00013	U	NA		NA	
SOWZS	PECDD	0.00033	U	0.00023	U	0.00034	U	0.00012	U	0.000085	U	0.000068	U	NA		NA		NA		0.00011	U	NA		NA	
SOWZS	PECDF	0.0002	U	0.00014	U	0.00019	U	0.00008	U	0.000056	U	0.000041	U	NA		NA		NA		0.000076	U	NA		NA	
SOWZS	TCDD	0.00026	U	0.0002	U	0.0003	U	0.00013	U	0.000097	U	0.000071	U	NA		NA		NA		0.00005	U	NA		NA	
SOWZS	TCDF	0.00017	U	0.00013	U	0.00019	U	0.000087	U	0.000059	U	0.00016		NA		NA		NA		0.0023		NA		NA	

All concentration in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTEWATER TREATMENT AREA
SHALLOW SOIL
INORGANIC DATA

	SITE	.5 to 1	.5 to 1	.5 to 2	.5 to 2	.5 to 2	.5 to 2	.5 to 2	.5 to 2	.5 to 2	.5 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2
	LOCATOR	SMU10/10I	SMU10/10J	SMU12/A1	SMU12/A1	SMU12/A2	SMU12/A3	SMU12/B2	SMU12/B3	SMU12/C2	SMU12/C2	SMU10/B10F1	SMU10/B10G1	SMU10/B10H1	SMU12/B12A1	SMU12/B12B1	SMU12/B12C	SMU12/B12C1	SMU12/B12D1
	SAMPLE NUMBER	SF-10I1*II-1	SF-10J1*II-1	SF-S12-A1*IB-1	SF-S12-A1*IB-2	SF-S12-A2*IB-1	SF-S12-A3*IB-2	SF-S12-B2*IB-1	SF-S12-B3*IB-2	SF-S12-C2*IB-1	SF-S12-C2*IB-2	B-10F1*II-1	B-10G1*II-1	B-10H1*II-1	B-12A1*II-1	B-12B1*II-1	B-DUP4*II-1	B-12C1*II-1	B-12D1*II-1
	COLLECT DATE	8/3/93	8/3/93	11/20/90	3/13/91	12/5/90	3/13/91	11/20/90	3/13/91	11/20/90	3/13/91	7/22/93	7/22/93	7/22/93	7/25/93	7/25/93	7/26/93	7/25/93	7/25/93
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010S	BARIUM	13.2 J	15.5 J	75.2	39.1	28.9	40.2	36.1	16.9	36.3	16.4	15.2 J	21.6 J	14.3 J	NA	NA	24.7 J	24.1 J	NA
6010S	BERYLLIUM	0.15 J	0.26 J	0.61	0.52	0.48	0.44	0.4	0.28	0.52	0.35	0.58	0.77	0.59	NA	NA	0.1 U	0.09 U	NA
6010S	CADMIUM	NA	NA	0.74	0.45 U	0.4 U	0.4 U	0.47 U	0.42 U	0.45 U	0.36 U	NA	NA	NA	NA	NA	NA	NA	NA
6010S	CALCIUM	NA	NA	9700 J	17700	2700 J	19600	2600 J	1680	1400 J	738	NA	NA	NA	NA	NA	NA	NA	NA
6010S	CHROMIUM	4.1	4.5	20.5	15.1 J	14.4	10.8 J	10.5	8.6 J	13	6.8 J	4.1	7.9	6	NA	NA	7.4	9.9	NA
6010S	COBALT	1.9 J	2.1 J	4	4.2	4.7	3.7	4.4	2.8	3.6	2.5	2.6 J	5	2.7 J	NA	NA	2.9 J	3.1 J	NA
6010S	COPPER	5.1 J	13.1 J	30.6	44.4 J	40.5	98 J	33.6	26.9 J	15.9	9.1 J	10.7	9.3	3.7	128	113	19.3	22.3	21.6
6010S	IRON	NA	NA	15400	15800	11500	10900	10100	8370	12800	8470	NA	NA	NA	NA	NA	NA	NA	NA
6010S	MAGNESIUM	NA	NA	1510 J	1440	1780 J	1240	1960 J	978	1400 J	879	NA	NA	NA	NA	NA	NA	NA	NA
6010S	MANGANESE	NA	NA	488 J	215 J	216 J	138 J	183 J	109 J	158 J	73.6 J	NA	NA	NA	NA	NA	NA	NA	NA
6010S	NICKEL	3.8	4 J	12.4	12	12.6 U	8.6	13.2	8.6	7.7	5.7	3.3 J	5.6	3.3 J	NA	NA	6.7	8	NA
6010S	POTASSIUM	NA	NA	654 J	842 J	941 J	996 J	1100 J	535 J	569 J	384 J	NA	NA	NA	NA	NA	NA	NA	NA
6010S	SILVER	0.26 U	0.36 U	0.92 U	2.5 J	0.81 U	1.1 J	0.94 U	1.3 J	0.9 U	0.71 U	0.29 U	0.23 U	0.3 U	1.5	4	0.64 J	0.94 J	0.66 J
6010S	SODIUM	NA	NA	241 U	275	103 U	303	156 U	198	116 U	148	NA	NA	NA	NA	NA	NA	NA	NA
6010S	VANADIUM	4.7	6	10.6	12.6	14.4	13	15	7.9	12	9.6	6.5	10.2	8.7	NA	NA	7.3 J	7.4 J	NA
6010S	ZINC	16.9 J	34.9 J	632 J	840 J	80.8	638 J	154 J	375 J	235 J	87.4 J	20.6 J	33.1 J	15.2 J	NA	NA	228	299	NA
7041S	ANTIMONY	NA	NA	0.64 U	0.52 U	R	0.6 U	0.64 U	0.58 U	0.6 U	0.64 U	NA	NA	NA	NA	NA	NA	NA	NA
7060S	ARSENIC	0.96 J	1.9 J	8.1 J	11.7	5.8 J	8.2	7.7 J	5.2	9.5 J	9.9	0.85 J	0.86 J	2.2 J	NA	NA	2.6 J	4.2 J	NA
7421S	LEAD	8.1 J	26.9 J	64	48.5 J	36.8 J	76.9 J	23	45.8 J	13	30.2 J	96.7 J	6.3 J	2.4 J	NA	NA	21.6 J	21.6 J	NA
7472S	MERCURY	NA	NA	0.14	0.3	0.08	0.47	0.06	0.05 U	0.05 U	0.05 U	NA	NA	NA	NA	NA	NA	0.1 U	NA
7740S	SELENIUM	0.18 U	0.26 U	0.45 U	0.37 U	0.45 U	0.43 U	0.46 U	0.42 U	0.43 U	0.46 U	0.13 J	0.12 U	0.22 U	NA	NA	0.43 J	0.18 U	NA
7841S	THALLIUM	NA	NA	0.45 U	0.37 U	0.45 U	0.43 U	0.46 U	0.42 U	0.43 U	0.46 U	NA	NA	NA	NA	NA	NA	NA	NA
8015S	2,2'-OXYETHANOL	12 U	15 U	NA	NA	NA	NA	NA	NA	NA	NA	12 U	11 U	12 U	NA	NA	NA	NA	NA
9010S	CYANIDE	4.3 U	4.2 U	0.52 U	0.37	R	0.62	0.51 U	0.42 U	1.7	0.44 U	2.2 U	2.4 U	2.6 U	NA	NA	NA	3.1 U	NA
SN7ZS	TIN	NA	NA	9.3 U	9 U	8.1 U	8 U	9.4 U	8.4 U	9 U	7.1 U	NA	NA	NA	NA	NA	NA	NA	NA

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	AOI16/MW17S		AOI16/MW17S		F04L/B22		F04L/B22		SMU5/YY3		SMU5/ZZ3		SMU6/A1		SMU6/B1		SMU6/Y5		SMU6/Y5		SMU9/B2B		SMU9/C1	
	SAMPLE NUMBER	SS-MW-17S*IB-1		SS-MW-17S*IB-2		SS-B22-A*IB-1		SS-B22-B*IB-1		SF-S5-YY3(S)*IB-2		SF-S5-ZZ3(D)*IB-2		SF-S6-A1*IB-2		SF-S6-B1*IB-2		SF-S6*IB-1		SF-S6*IB-2		SF-S9-B2(S)*IB-1		SF-S9-C1(S)*IB-1	
	COLLECT DATE	12/5/90		3/13/91		12/5/90		12/5/90		3/19/91		3/19/91		3/12/91		3/12/91		11/14/90		3/12/91		11/15/90		11/16/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	4,4'-DDE	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.0067		0.0011	U	0.0011	U	0.001	U
8080S	4,4'-DDT	0.002	U	0.002	U	NA		NA		0.0023	U	R		0.0021	U	0.0021	U	0.0021	U	0.0021	U	0.0022	U	0.0036	
8080S	ALDRIN	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	ALPHA-BHC	0.00099	U	0.001	U	NA		NA		0.0012	U	1.2		0.001	U	0.001	U	0.001	U	0.0017		0.0011	U	0.001	U
8080S	ALPHA-CHLORDANE	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	BETA-BHC	0.00099	U	0.0091		NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0096		0.0011	U	0.001	U
8080S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC	0.00099	U	0.002		NA		NA		0.0034		R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	DIELDRIN	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.0028	
8080S	ENDOSULFAN I	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	ENDOSULFAN II	0.003	U	0.003	U	NA		NA		0.0035	U	R		0.0031	U	0.0031	U	0.0031	U	0.0032	U	0.0034	U	0.003	U
8080S	ENDOSULFAN SULFATE	0.0049	U	0.0051	U	NA		NA		0.0058	U	R		0.0052	U	0.0052	U	0.0052	U	0.0053	U	0.0056	U	0.0051	U
8080S	ENDRIN	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.0037		0.0011	U	0.0032		0.0031	
8080S	ENDRIN ALDEHYDE	0.002	U	0.002	U	NA		NA		0.0023	U	R		0.0021	U	0.0021	U	0.0029		0.0021	U	0.012		0.002	U
8080S	GAMMA-BHC	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	GAMMA-CHLORDANE	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.0072		0.0011	U	0.013		0.001	U
8080S	HEPTACHLOR	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	HEPTACHLOR EPOXIDE	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	ISODRIN	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0072		0.001	U
8080S	KEPONE	0.00099	U	0.001	U	NA		NA		0.0012	U	R		0.001	U	0.001	U	0.001	U	0.0011	U	0.0011	U	0.001	U
8080S	METHOXYCHLOR	0.0049	U	0.0051	U	NA		NA		0.0058	U	320	J	0.0052	U	0.0052	U	0.046		0.0053	U	0.0056	U	0.0051	U
8080S	PCB-1016	0.0099	U	0.01	U	NA		NA		0.012	U	R		0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.01	U
8080S	PCB-1221	0.02	U	0.02	U	NA		NA		0.023	U	R		0.021	U	0.021	U	0.021	U	0.021	U	0.022	U	0.02	U
8080S	PCB-1232	0.02	U	0.02	U	NA		NA		0.023	U	R		0.021	U	0.021	U	0.021	U	0.021	U	0.022	U	0.02	U
8080S	PCB-1242	0.0099	U	0.01	U	NA		NA		0.012	U	R		0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.01	U
8080S	PCB-1248	0.0099	U	0.01	U	NA		NA		0.012	U	160	J	0.01	U	0.01	U	0.01	U	0.011	U	0.011	U	0.01	U
8080S	PCB-1254	0.02	U	0.15		NA		NA		0.71		R		0.099		0.021	U	0.021	U	0.13		0.022	U	0.02	U
8080S	PCB-1260	0.02	U	0.02	U	NA		NA		0.023	U	R		0.021	U	0.021	U	0.021	U	0.021	U	0.022	U	0.02	U
8080S	TOXAPHENE	0.049	U	0.051	U	NA		NA		0.058	U	R		0.052	U	0.052	U	0.052	U	0.053	U	0.056	U	0.051	U
8140S	DIMETHOATE	0.11	U	0.1	U	NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U
8140S	DISULFOTON	0.11	U	0.1	U	NA		NA		0.11	U	0.12	U	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.0059	J
8140S	ETHYL PARATHION	0.079	U	0.076	U	NA		NA		0.086	U	0.092	U	0.079	U	0.079	U	0.077	U	0.08	U	0.084	U	0.0064	J
8140S	FAMPHUR	0.26	U	0.25	U	NA		NA		0.29	U	R		0.26	U	0.26	U	0.26	U	0.27	U	0.28	U	0.25	U
8140S	METHYL PARATHION	0.016	U	0.015	U	NA		NA		0.017	U	0.018	U	0.016	U	0.016	U	0.015	U	0.016	U	0.017	U	0.015	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.53	U	0.51	U	NA		NA		0.57	U	0.61	U	0.53	U	0.53	U	0.51	U	0.53	U	0.56	U	0.51	U
8140S	PHORATE	0.079	U	0.076	U	NA		NA		0.086	U	0.092	U	0.079	U	0.079	U	0.077	U	0.08	U	0.084	U	0.076	U
8140S	SULFOTEPP	0.053	U	0.051	U	NA		NA		0.057	U	0.061	U	0.053	U	0.053	U	0.051	U	0.053	U	0.056	U	0.051	U
8140S	THIONAZIN	0.53	U	0.51	U	NA		NA		0.57	U	0.61	U	0.53	U	0.53	U	0.51	U	0.53	U	0.56	U	0.51	U
8150S	2,4,5-T	0.021	U	0.021	U	NA		NA		0.023	U	0.025	U	0.021	U	0.021	U	0.021	U	0.021	U	0.022	U	0.02	U
8150S	2,4,5-TP (SILVEX)	0.018	U	0.018	U	NA		NA		0.02	U	0.022	U	0.018	U	0.018	U	0.018	U	0.018	U	0.019	U	0.017	U
8150S	2,4-D	0.13	U	0.12	U	NA		NA		0.14	U	0.15	U	0.13	U	0.13	U	0.12	U	0.13	U	0.13	U	0.12	U
8150S	DINOSEB	0.016	U	0.015	U	NA		NA		0.017	U	0.019	U	0.016	U	0.016	U	0.015	U	0.016	U	0.017	U	0.015	U
8240S	1,1,1,2-TETRACHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,1,1-TRICHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,1,2-TRICHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,1-DICHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,1-DICHLOROETHENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,2,3-TRICHLOROPROPANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.43	U	0.41	U	0.43	U	0.51	U	0.47	U	1.2	U	0.41	U	0.41	U	0.42	U	0.42	U	0.45	U	0.4	U
8240S	1,2-DIBROMOETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,2-DICHLOROETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	1,2-DICHLOROPROPANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	2-BUTANONE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	2-CHLORO-1,3-BUTADIENE	0.65	U	0.62	U	0.64	U	0.63	U	0.68	U	1.6	U	0.61	U	0.62	U	0.62	U	0.63	U	0.66	U	0.5	U
8240S	2-HEXANONE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	3-CHLOROPROPENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	4-METHYL-2-PENTANONE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	ACETONE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	ACETONITRILE	0.43	U	0.41	U	0.43	U	0.51	U	0.47	U	1.2	U	0.41	U	0.41	U	0.42	U	0.42	U	0.45	U	0.4	U
8240S	ACROLEIN	R		R		R		R		R		R		R		R		R		R		R		R	
8240S	ACRYLONITRILE	1.1	U	1	U	1.1	U	1.3	U	1.2	U	3.1	U	1	U	1	U	1	U	1.1	U	1.1	U	1	U
8240S	BENZENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	BROMODICHLOROMETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	BROMOFORM	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	BROMOMETHANE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	CARBON DISULFIDE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	CARBON TETRACHLORIDE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	CHLOROBENZENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	1.7		0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	CHLOROETHANE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	CHLOROFORM	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	CHLOROMETHANE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	CIS-1,3-DICHLOROPROPENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	DIBROMOCHLOROMETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	DIBROMOMETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	DICHLORODIFLUOROMETHANE	0.43	U	0.41	U	0.43	U	0.51	U	0.47	U	1.2	U	0.41	U	0.41	U	0.42	U	0.42	U	0.45	U	0.4	U
8240S	ETHYL METHACRYLATE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	ETHYLBENZENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	IODOMETHANE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	METHYLENE CHLORIDE	0.11	U	0.43	U	0.11	U	0.13	U	1.9	U	0.53	U	0.1	U	0.16	U	0.1	U	0.26	U	0.11	U	0.1	U
8240S	O-XYLENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE	2.1	U	2.1	U	2.2	U	2.5	U	2.3	U	6.2	U	2	U	2.1	U	2.1	U	2.1	U	2.2	U	2	U
8240S	STYRENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	TETRACHLOROETHENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.35		0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	TOLUENE	0.11	U	0.1	U	0.11	U	0.13	U	0.3	J	1.6	J	0.1	U	0.1	U	0.1	U	0.11	U	0.047	J	0.1	U
8240S	TRANS-1,2-DICHLOROETHENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	TRICHLOROETHENE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	TRICHLOROFLUOROMETHANE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
8240S	VINYL ACETATE	0.11	U	0.1	U	0.11	U	0.13	U	0.12	U	0.31	U	0.1	U	0.1	U	0.1	U	0.11	U	0.11	U	0.1	U
8240S	VINYL CHLORIDE	0.21	U	0.21	U	0.22	U	0.25	U	0.23	U	0.62	U	0.2	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U
824DS	1,4-DIOXANE	11	U	10	U	11	U	13	U	12	U	12	U	11	U	11	U	10	U	11	U	11	U	10	U
824DS	ISOBUTANOL	11	U	10	U	11	U	13	U	12	U	12	U	11	U	11	U	10	U	11	U	11	U	10	U
824DS	METHACRYLONITRILE	11	U	10	U	11	U	13	U	12	U	12	U	11	U	11	U	10	U	11	U	11	U	10	U
8270S	1,1-BIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,2,4-TRICHLOROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,2-DICHLOROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,3-DINITROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,4-DICHLOROBENZENE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	1-NAPHTHYLAMINE	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	2	U	NA		NA		1.2	U	1.2	U	1	U	1	U	10	U	1.1	U	1.1	U	1	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1
	LOCATOR	AOI16/MW17S	AOI16/MW17S	F04L/B22	F04L/B22	SMU5/YY3	SMU5/ZZ3	SMU6/A1	SMU6/B1	SMU6/Y5	SMU6/Y5	SMU9/B2B	SMU9/C1
	SAMPLE NUMBER	SS-MW-17S*IB-1	SS-MW-17S*IB-2	SS-B22-A*IB-1	SS-B22-B*IB-1	SF-S5-YY3(S)*IB-2	SF-S5-ZZ3(D)*IB-2	SF-S6-A1*IB-2	SF-S6-B1*IB-2	SF-S6*IB-1	SF-S6*IB-2	SF-S9-B2(S)*IB-1	SF-S9-C1(S)*IB-1
	COLLECT DATE	12/5/90	3/13/91	12/5/90	12/5/90	3/19/91	3/19/91	3/12/91	3/12/91	11/14/90	3/12/91	11/15/90	11/15/90
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8270S	2,3,4,6-TETRACHLOROPHENOL	2.1 U	4 U	NA	NA	2.3 U	2.5 U	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U
8270S	2,4,5-TRICHLOROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,4,6-TRICHLOROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,4-DICHLOROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,4-DIMETHYLPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,4-DINITROPHENOL	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	2,4-DINITROTOLUENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,6-DICHLOROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2,6-DINITROTOLUENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-ACETYLAMINOFLUORENE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	2-CHLORONAPHTHALENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-CHLOROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-METHYLNAPHTHALENE	1 U	2 U	NA	NA	1.2 U	0.25 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-METHYLPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-NAPHTHYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-NITROANILINE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	2-NITROPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	2-PICOLINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	3&4-METHYLPHENOL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	3,3'-DICHLOROBENZIDINE	2.1 U	4 U	NA	NA	2.3 U	2.5 U	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U
8270S	3,3'-DIMETHYLBENZIDINE	2.1 U	4 U	NA	NA	2.3 U	6.6	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U
8270S	3-METHYLCHOLANTHRENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	3-METHYLPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	3-NITROANILINE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	4,6-DINITRO-2-METHYLPHENOL	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	4-AMINOBIPHENYL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-BROMOPHENYL-PHENYLETHER	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-CHLORO-3-METHYLPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-CHLOROANILINE	1 U	2 U	NA	NA	1.2 U	1.4	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-CHLOROPHENYL-PHENYLETHER	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-METHYLPHENOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	4-NITROANILINE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	4-NITROPHENOL	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	4-NITROQUINOLINE-N-OXIDE	R	R	NA	NA	R	R	R	R	R	R	11 U	10 U
8270S	5-NITRO-O-TOLUIDINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	ACENAPHTHENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ACENAPHTHYLENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ACETOPHENONE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ANILINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ANTHRACENE	1 U	2 U	NA	NA	1.2 U	0.19 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ARAMITE	10 U	20 U	NA	NA	12 U	12 U	10 U	10 U	100 U	11 U	11 U	10 U
8270S	BENZO(A)ANTHRACENE	1 U	2 U	NA	NA	1.2 U	0.93 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BENZO(A)PYRENE	1 U	2 U	NA	NA	1.2 U	0.96 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BENZO(B)FLUORANTHENE	1 U	2 U	NA	NA	1.2 U	1 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BENZO(G,H,I)PERYLENE	1 U	2 U	NA	NA	1.2 U	0.92 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BENZO(K)FLUORANTHENE	1 U	2 U	NA	NA	1.2 U	1.2	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BENZYL ALCOHOL	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BIS(2-CHLOROETHOXY)METHANE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BIS(2-CHLOROETHYL)ETHER	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1 U	2 U	NA	NA	1.2 U	3.4 U	1 U	1 U	10 U	1.1 U	0.29 J	0.1 J
8270S	BUTAZOLIDIN	5.2 U	R	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	BUTYLBENZYLPHTHALATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	CHLOROBENZILATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	CHRYSENE	1 U	2 U	NA	NA	1.2 U	1.3	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DCDD	2.1 U	4 U	NA	NA	2.3 U	2.5 U	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U
8270S	DCDF	2.1 U	4 U	NA	NA	2.3 U	2.5 U	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U
8270S	DI-N-BUTYLPHTHALATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DI-N-OCTYLPHTHALATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIALLATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIBENZ(A,H)ANTHRACENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIBENZOFURAN	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIETHYLPHTHALATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIMETHYLPHENETHYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DIMETHYLPHTHALATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	DINOSEB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	DIPHENYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ETHYL METHANESULFONATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	FLUORANTHENE	1 U	2 U	NA	NA	1.2 U	1.7	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	FLUORENE	1 U	2 U	NA	NA	1.2 U	0.19 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	HEXACHLOROBENZENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	HEXACHLOROBUTADIENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	HEXACHLOROCYCLOPENTADIENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	HEXACHLOROETHANE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	HEXACHLOROPHENE	NA	400 U	NA	NA	230 U	250 U	210 U	210 U	NA	210 U	NA	NA
8270S	HEXACHLOROPROPENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	INDENO(1,2,3-CD)PYRENE	1 U	2 U	NA	NA	1.2 U	0.75 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	IRGASAN DP-300	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	ISOPHORONE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	ISOSAFROLE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	METHAPYRILENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	METHYL METHANESULFONATE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1 U	2 U	NA	NA	1.2 U	0.17 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSODIETHYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSODIMETHYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSODIPHENYLAMINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSOMETHYLETHYLAMINE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	N-NITROSOMORPHOLINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSOPIPERIDINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	N-NITROSOPYRROLIDINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	NAPHTHALENE	1 U	2 U	NA	NA	0.14 J	2.5	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	NITROBENZENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	O-TOLUIDINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	P-DIMETHYLAMINOAZOBENZENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	P-PHENYLENEDIAMINE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	PENTACHLOROBENZENE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PENTACHLOROETHANE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PENTACHLORONITROBENZENE	1 U	R	NA	NA	1.2 U	1.2 U	R	R	10 U	R	1.1 U	1 U
8270S	PENTACHLOROPHENOL	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	PHENACETIN	1 U	2 U	NA	NA	1.2 U	1 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PHENANTHRENE	1 U	2 U	NA	NA	1.2 U	0.73 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PHENOL	1 U	2 U	NA	NA	1.2 U	0.35 J	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PRONAMIDE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PROPAZINE	5.2 U	10 U	NA	NA	5.8 U	6.2 U	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	PYRENE	1 U	2 U	NA	NA	1.2 U	1.7	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	PYRIDINE	1 U	2 U	NA	NA	1.2 U	1.2 U	1 U	1 U	10 U	1.1 U	1.1 U	1 U
8270S	SAFROLE	1 U	2 U	NA	NA	1.2 U	1.2 U	2.3	0.7 J	10 U	1.1 U	1.1 U	1 U
8270S	TINUVIN 327	5.2 U	10 U	NA	NA	5.8 U	6.4	5.2 U	5.2 U	8.3 J	2.6 J	6.1	5 U
8270S	TINUVIN 328	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8270S	TOFRANIL	5.2 U	10 U	NA	NA	5.8 U	R	5.2 U	5.2 U	52 U	5.3 U	5.6 U	5 U
8270S	TRCDD	2.1 U	4 U	NA	NA	2.3 U	2.5 U	2.1 U	2.1 U	21 U	2.1 U	2.2 U	2 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1		.5 to 1	
	LOCATOR	AOI16/MW17S		AOI16/MW17S		F04L/B22		F04L/B22		SMU5/YY3		SMU5/ZZ3		SMU6/A1		SMU6/B1		SMU6/Y5		SMU6/Y5		SMU9/B2B		SMU9/C1	
	SAMPLE NUMBER	SS-MW-17S*IB-1		SS-MW-17S*IB-2		SS-B22-A*IB-1		SS-B22-B*IB-1		SF-S5-YY3(S)*IB-2		SF-S5-ZZ3(D)*IB-2		SF-S6-A1*IB-2		SF-S6-B1*IB-2		SF-S6*IB-1		SF-S6*IB-2		SF-S9-B2(S)*IB-1		SF-S9-C1(S)*IB-1	
	COLLECT DATE	12/5/90		3/13/91		12/5/90		12/5/90		3/19/91		3/19/91		3/12/91		3/12/91		11/14/90		3/12/91		11/15/90		11/15/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	TRCDF	2.1	U	4	U	NA		NA		2.3	U	2.5	U	2.1	U	2.1	U	21	U	2.1	U	2.2	U	2	U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	2,3,7,8-TCDD	0.00021	U	0.000093	U	NA		NA		0.000091	U	NA		0.000088	U	0.00019	U	0.000094	U	0.000078	U	0.00013	U	0.00008	U
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	HXCDD	0.00039	U	0.00018	U	NA		NA		0.00017	U	0.00019	U	0.00018	U	0.0002	U	0.00015	U	0.0001	U	0.00021	U	0.00011	U
SOWZS	HXCDF	0.00023	U	0.000089	U	NA		NA		0.0001	U	0.0005	J	0.000083	U	0.00014	U	0.000091	U	0.000089	U	0.00016	U	0.000078	U
SOWZS	OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	PECDD	0.00024	U	0.000091	U	NA		NA		0.000097	U	0.00014	U	0.000087	U	0.00015	U	0.000095	U	0.000073	U	0.00015	U	0.000075	U
SOWZS	PECDF	0.00014	U	0.000058	U	NA		NA		0.000062	U	0.00014		0.000054	U	0.0001	U	0.000056	U	0.000046	U	0.000092	U	0.000051	U
SOWZS	PERCENT MOISTURE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	TCDD	0.00021	U	0.000093	U	NA		NA		0.000091	U	NA		0.000088	U	0.00019	U	0.000094	U	0.000078	U	0.00013	U	0.00008	U
SOWZS	TCDF	0.00014	U	0.000058	U	NA		NA		0.000066	U	0.00071	J	0.000054	U	0.00014	U	0.000059	U	0.000047	U	0.00027		0.000051	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
E - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
	LOCATOR	SMU9/C1		SMU9/C2		SMU9/ZZ1		SMU9/ZZ2		SMU-5/5G1		SMU-5/5G1		SMU-5/5H1		SMU16/B16E1		SMU5/B5A1		SMU5/B5B1		SMU5/B5C1		SMU5/B5D1		SMU5/B5E1	
	SAMPLE NUMBER	SF-S9-C1(S)*IB-2		SF-S9-C2(S)*IB-1		SF-S9-ZZ1(S)*IB-2		SF-S9-ZZ2(S)*IB-2		B-5G1*II-2		B-DUP1*II-2		B-5H1*II-2		B-16E1*II-1		B-5A1*II-1		B-5B1*II-1		B-5C1*II-1		B-5D1*II-1		B-5E1*II-1	
	COLLECT DATE	3/12/91		11/15/90		3/12/91		3/12/91		5/5/94		5/5/94		5/5/94		7/21/93		7/28/93		7/28/93		7/28/93		7/28/93		7/28/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.001	U	0.0011	U	0.001	U	0.0011	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.018		0.0071	U	0.19	U	0.035	U	0.007	U
8080S	4,4'-DDE	0.001	U	0.0011	U	0.001	U	0.0011	U	0.004	J	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0091		0.65	J	0.035	U	0.007	U
8080S	4,4'-DDT	0.002	U	0.003		0.0021	U	0.0022	U	0.018	U	0.039	U	0.0078	U	0.0039		0.03	J	0.0085	J	0.19	U	0.035	U	0.0078	J
8080S	ALDRIN	0.001	U	0.0011	U	0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	ALPHA-BHC	0.001	U	0.001	J	0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	ALPHA-CHLORDANE	0.001	U	0.0011	U	0.001	U	0.0011	U	0.0095	U	0.02	U	0.03		0.0019	U	0.077		0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	BETA-BHC	0.001	U	0.0011	U	0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	CHLOROBENZILATE	NA		NA		NA		NA		0.095	U	0.2	U	0.04	U	0.019	U	0.088	U	0.036	U	0.98	U	0.18	U	0.036	U
8080S	DELTA-BHC	0.001	U	0.0011	U	0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	DIELDRIN	0.001	U	0.0019		0.001	U	0.0011	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0071	U	0.19	U	0.063	J	0.007	U
8080S	ENDOSULFAN I	0.001	U	0.0011	U	0.001	U	0.0011	U	0.01	J	0.01	J	0.018	J	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	ENDOSULFAN II	0.003	U	0.0032	U	0.0031	U	0.0033	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.018	J	0.0071	U	0.19	U	0.035	U	0.007	U
8080S	ENDOSULFAN SULFATE	0.0051	U	0.0054	U	0.0052	U	0.0056	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0075	J	0.19	U	0.035	U	0.007	U
8080S	ENDRIN	0.001	U	0.0011	U	0.001	U	0.0011	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0071	U	0.19	U	0.035	U	0.007	U
8080S	ENDRIN ALDEHYDE	0.002	U	0.0021	J	0.0021	U	0.0022	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0071	U	0.4	J	0.035	U	0.007	U
8080S	GAMMA-BHC	0.001	U	0.0017		0.0014		0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	GAMMA-CHLORDANE	0.001	U	0.0011	U	0.001	U	0.0011	U	0.0095	U	0.02	U	0.024	J	0.0019	U	0.11	J	0.0057	J	0.098	U	0.087	J	0.0036	U
8080S	HEPTACHLOR	0.001	U	0.0032		0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.0088	U	0.0036	U	0.098	U	0.018	U	0.0036	U
8080S	HEPTACHLOR EPOXIDE	0.001	U	0.0022		0.001	U	0.0011	U	0.0095	U	0.02	U	0.004	U	0.0019	U	0.017	J	0.0036	U	0.16	J	0.042	J	0.0036	U
8080S	ISODRIN	0.001	U	0.0011	U	0.001	U	0.0011	U	0.018	U	0.039	U	0.0078	U	0.0038	U	0.017	U	0.0071	U	0.19	U	0.035	U	0.007	U
8080S	KEPONE	0.001	U	0.0011	U	0.001	U	0.0011	U	0.095	U	0.2	U	0.04	U	0.019	U	0.088	U	0.036	U	0.98	U	0.26	J	0.036	U
8080S	METHOXYCHLOR	0.0051	U	0.0054	U	0.0052	U	0.0056	U	0.86	J	12	J	0.092		0.019	U	0.088	U	0.55	J	110	J	0.18	U	0.65	
8080S	PCB-1016	0.01	U	0.011	U	0.01	U	0.011	U	0.18	U	0.39	U	0.078	U	0.038	U	0.17	U	0.071	U	1.9	U	0.35	U	0.07	U
8080S	PCB-1221	0.02	U	0.022	U	0.021	U	0.022	U	0.38	U	0.79	U	0.16	U	0.076	U	0.36	U	0.14	U	3.4	U	0.71	U	0.14	U
8080S	PCB-1232	0.02	U	0.022	U	0.021	U	0.022	U	0.18	U	0.39	U	0.078	U	0.038	U	0.17	U	0.071	U	1.9	U	0.35	U	0.07	U
8080S	PCB-1242	0.01	U	0.011	U	0.01	U	0.011	U	0.18	U	0.39	U	0.078	U	0.038	U	0.17	U	0.071	U	1.9	U	0.35	U	0.07	U
8080S	PCB-1248	0.01	U	0.011	U	0.01	U	0.011	U	0.18	U	0.39	U	0.078	U	0.038	U	0.17	U	0.071	U	1.9	U	8.1	J	0.07	U
8080S	PCB-1254	0.032		0.022	U	0.062		0.18		0.18	U	0.39	U	0.21		0.038	U	0.72		0.28	J	4.9	J	6.1	J	0.07	U
8080S	PCB-1260	0.02	U	0.022	U	0.021	U	0.022	U	0.18	U	0.39	U	0.078	U	0.038	U	0.17	U	0.071	U	1.9	U	0.35	U	0.07	U
8080S	TOXAPHENE	0.051	U	0.054	U	0.052	U	0.056	U	0.95	U	2	U	0.4	U	0.19	U	0.88	U	0.36	U	9.8	U	1.8	U	0.36	U
8140S	DIMETHOATE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		NA		0.34	U	0.35	U	0.78	U	0.35	U	0.35	U
8140S	DISULFOTON	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		NA		0.14	U	0.14	U	0.3	U	0.14	U	0.14	U
8140S	ETHYL PARATHION	0.076	U	0.0056	J	0.079	U	0.083	U	NA		NA		NA		NA		0.034	U	0.035	U	0.076	U	0.035	U	0.035	U
8140S	FAMPHUR	0.25	U	0.27	U	0.26	U	0.28	U	NA		NA		NA		NA		0.34	U	0.35	U	0.76	U	0.35	U	0.35	U
8140S	METHYL PARATHION	0.015	U	0.016	U	0.016	U	0.017	U	NA		NA		NA		NA		0.018	U	0.018	U	0.039	U	0.018	U	0.018	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	0.5	U	0.54	U	0.53	U	0.56	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8140S	PHORATE	0.076	U	0.081	U	0.079	U	0.083	U	NA		NA		NA		NA		0.034	U	0.035	U	0.076	U	0.035	U	0.035	U
8140S	SULFOTEPP	0.05	U	0.054	U	0.053	U	0.056	U	NA		NA		NA		NA		0.018	U	0.018	U	0.039	U	0.018	U	0.018	U
8140S	THIONAZIN	0.5	U	0.54	U	0.53	U	0.56	U	NA		NA		NA		NA		0.034	U	0.035	U	0.076	U	0.035	U	0.035	U
8150S	2,4,5-T	0.02	U	0.021	U	0.021	U	0.022	U	NA		NA		NA		NA		0.018	U	0.018	U	0.098	U	0.018	U	0.018	U
8150S	2,4,5-TP (SILVEX)	0.017	U	0.018	U	0.018	U	0.019	U	NA		NA		NA		NA		0.018	U	0.018	U	0.098	U	0.018	U	0.018	U
8150S	2,4-D	0.12	U	0.13	U	0.13	U	0.13	U	NA		NA		NA		NA		0.018	U	0.018	U	0.098	U	0.018	U	0.018	U
8150S	DINOSEB	0.015	U	0.016	U	0.016	U	0.017	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,1,1-TRICHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,1,2-TRICHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,1-DICHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,1-DICHLOROETHENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,2,3-TRICHLOROPROPANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.41	U	0.44	U	0.42	U	0.44	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	1,2-DIBROMOETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,2-DICHLOROETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	1,2-DICHLOROPROPANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	2-BUTANONE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.028	U	0.026	U	0.027	U	0.029	U	0.026	U	0.027	U
8240S	2-CHLORO-1,3-BUTADIENE	0.51	U	0.54	U	0.53	U	0.55	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	2-HEXANONE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.028	U	0.026	U	0.027	U	0.029	U	0.026	U	0.027	U
8240S	3-CHLOROPROPENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	4-METHYL-2-PENTANONE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.028	U	0.026	U	0.027	U	0.029	U	0.026	U	0.027	U
8240S	ACETONE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.028	U	0.026	U	0.027	U	0.029	U	0.026	U	0.027	U
8240S	ACETONITRILE	0.41	U	0.44	U	0.42	U	0.44	U	NA		NA		NA		0.23	U	0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8240S	ACROLEIN	R		R		R		R		NA		NA		NA		0.23	U	0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8240S	ACRYLONITRILE	1	U	1.1	U	1.1	U	1.1	U	NA		NA		NA		0.11	U	0.1	U	0.11	U	0.11	U	0.1	U	0.11	U
8240S	BENZENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	BROMODICHLOROMETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	BROMOFORM	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	BROMOMETHANE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	CARBON DISULFIDE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	CARBON TETRACHLORIDE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	CHLOROBENZENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057		0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	CHLOROETHANE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	CHLOROFORM	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	CHLOROMETHANE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	CIS-1,3-DICHLOROPROPENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	DIBROMOCHLOROMETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	DIBROMOMETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	DICHLORODIFLUOROMETHANE	0.41	U	0.43	U	0.42	U	0.44	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	ETHYL METHACRYLATE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	ETHYLBENZENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	IODOMETHANE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		R		R		R		R		R		R	
8240S	M&P-XYLENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.011		0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		0.11	U	0.1	U	0.11	U	0.11	U	0.1	U	0.11	U
8240S	METHYL METHACRYLATE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	METHYLENE CHLORIDE	0.23	U	0.21	U	0.43	U	0.37	U	NA		NA		NA		0.011		0.0052	U	0.027	U	0.025	J	0.013	U	0.019	
8240S	O-XYLENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		0.028	U	0.026	U	0.027	U	0.029	U	0.026	U	0.027	U
8240S	PROPANENITRILE	2	U	2.2	U	2.1	U	2.2	U	NA		NA		NA		0.23	U	0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8240S	STYRENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	TETRACHLOROETHENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.009		0.0052	U	0.0054	U	0.02	J	0.0053	U	0.0053	U
8240S	TOLUENE	0.1	U	0.04	J	0.029	J	0.032	J	NA		NA		NA		0.014		0.0052	U	0.0054	U	0.0075	J	0.0053	U	0.0053	U
8240S	TRANS-1,2-DICHLOROETHENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	TRICHLOROETHENE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	TRICHLOROFLUOROMETHANE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.0057	U	0.0052	U	0.0054	U	0.0057	U	0.0053	U	0.0053	U
8240S	VINYL ACETATE	0.1	U	0.11	U	0.11	U	0.11	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
8240S	VINYL CHLORIDE	0.2	U	0.22	U	0.21	U	0.22	U	NA		NA		NA		0.011	U	0.01	U	0.011	U	0.011	U	0.01	U	0.011	U
824DS	1,4-DIOXANE	10	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	ISOBUTANOL	10	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	METHACRYLONITRILE	10	U	11	U	11	U	11	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,1-BIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		1.9		NA		0.35	U
8270S	1,2,4,5-TETRACHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,2,4-TRICHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,2-DICHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,3-DICHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,3-DINITROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,4-DICHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.039	J	0.38	U	0.35	U	0.032	J
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1,4-NAPHTHOQUINONE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	1-NAPHTHYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
	LOCATOR	SMU9/C1		SMU9/C2		SMU9/ZZ1		SMU9/ZZ2		SMU-5/5G1		SMU-5/5G1		SMU-5/5H1		SMU16/B16E1		SMU5/B5A1		SMU5/B5B1		SMU5/B5C1		SMU5/B5D1		SMU5/B5E1	
	SAMPLE NUMBER	SF-S9-C1(S)*IB-2		SF-S9-C2(S)*IB-1		SF-S9-ZZ1(S)*IB-2		SF-S9-ZZ2(S)*IB-2		B-5G1*II-2		B-DUP1*II-2		B-5H1*II-2		B-16E1*II-1		B-5A1*II-1		B-5B1*II-1		B-5C1*II-1		B-5D1*II-1		B-5E1*II-1	
	COLLECT DATE	3/12/91		11/15/90		3/12/91		3/12/91		5/5/94		5/5/94		5/5/94		7/21/93		7/28/93		7/28/93		7/28/93		7/28/93		7/28/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	2,3,4,6-TETRACHLOROPHENOL	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	2,4,5-TRICHLOROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	2,4,6-TRICHLOROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,4-DICHLOROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,4-DIMETHYLPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,4-DINITROPHENOL	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	2,4-DINITROTOLUENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,6-DICHLOROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2,6-DINITROTOLUENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-ACETYLAMINOFLUORENE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-CHLORONAPHTHALENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-CHLOROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-METHYLNAPHTHALENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.014	J	0.02	J	0.38	U	0.35	U	0.014	J
8270S	2-METHYLPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-NAPHTHYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-NITROANILINE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	7		1.8	U	1.8	U
8270S	2-NITROPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	2-PICOLINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.022	J	0.35	U	0.38	U	0.35	U	0.35	U
8270S	3,3'-DICHLOROBENZIDINE	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		0.69	U	0.71	U	0.76	U	0.69	U	0.7	U
8270S	3,3'-DIMETHYLBENZIDINE	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8270S	3-METHYLCHOLANTHRENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8270S	3-METHYLPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	4,6-DINITRO-2-METHYLPHENOL	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	4-AMINOBIPHENYL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	4-BROMOPHENYL-PHENYLETHER	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	4-CHLORO-3-METHYLPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	4-CHLOROANILINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		1.6		0.45	J	2.6		1.1		0.7	U
8270S	4-CHLOROPHENYL-PHENYLETHER	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	4-METHYLPHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	4-NITROPHENOL	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	4-NITROQUINOLINE-N-OXIDE	R		11	U	R		R		NA		NA		NA		NA		R		R		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8270S	ACENAPHTHENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.084	J	0.38	U	0.35	U	0.016	J
8270S	ACENAPHTHYLENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.061	J	0.11	J	0.38	U	0.35	U	0.067	J
8270S	ACETOPHENONE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	ANILINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	ANTHRACENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.13	J	0.32	J	0.38	U	0.35	U	0.092	J
8270S	ARAMITE	10	U	11	U	10	U	11	U	NA		NA		NA		NA		R		R		0.38	U	R		R	
8270S	BENZO(A)ANTHRACENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.48	J	0.77	J	0.49	J	0.24	U	0.4	J
8270S	BENZO(A)PYRENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.44	J	0.69	J	0.33	J	0.025	J	0.41	
8270S	BENZO(B)FLUORANTHENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.6	J	0.86	J	0.78	J	0.042	J	0.55	
8270S	BENZO(G,H,I)PERYLENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.29	J	0.45	J	0.32	J	0.35	U	0.26	J
8270S	BENZO(K)FLUORANTHENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.213	J	0.35	J	0.18	J	0.24	U	0.23	J
8270S	BENZYL ALCOHOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	BIS(2-CHLOROETHOXY)METHANE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	BIS(2-CHLOROETHYL)ETHER	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1	U	1.1	U	1	U	0.38	J	NA		NA		NA		NA		0.46	J	0.33	J	24	J	0.43	J	0.12	J
8270S	BUTAZOLIDIN	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	1	U	1.1	U	1	U	0.61	J	NA		NA		NA		NA		0.052	J	0.054	J	0.22	J	0.35	U	0.046	J
8270S	CHLOROBENZILATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	1	U	1.1	U	1	U	0.43	J	NA		NA		NA		NA		0.43	J	0.69	J	0.76	J	0.35	U	0.44	J
8270S	DCDD	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DCDF	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DI-N-BUTYLPHTHALATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	DI-N-OCTYLPHTHALATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.04	J	0.045	J	7.7	J	0.23	J	0.35	U
8270S	DIALLATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	DIBENZ(A,H)ANTHRACENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.09	J	0.13	J	0.23	U	0.21	U	0.083	J
8270S	DIBENZOFURAN	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.052	J	0.38	U	0.35	U	0.35	U
8270S	DIETHYLPHTHALATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	DIMETHYLPHENETHYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	DIMETHYLPHTHALATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	DIPHENYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	ETHYL METHANESULFONATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.031	U	0.032	U	0.034	U	0.032	U	0.032	U
8270S	FLUORANTHENE	1	U	1.1	U	1	U	0.73	J	NA		NA		NA		NA		0.9		1.6		0.38	U	0.038	J	0.98	
8270S	FLUORENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.035	J	0.15	J	0.2	J	0.35	U	0.039	J
8270S	HEXACHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	HEXACHLOROBUTADIENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	HEXACHLOROCYCLOPENTADIENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	HEXACHLOROETHANE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	HEXACHLOROPHENE	200	U	NA		210	U	220	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	INDENO(1,2,3-CD)PYRENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.3	J	0.46	J	0.23	U	0.21	U	0.29	
8270S	IRGASAN DP-300	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	ISOPHORONE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	ISOSAFROLE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	METHAPYRILENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		3.4	U	3.5	U	3.8	U	3.5	U	3.5	U
8270S	METHYL METHANESULFONATE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.031	U	0.032	U	0.034	U	0.032	U	0.032	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.31	U	0.32	U	0.34	U	0.32	U	0.32	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.21	U	0.22	U	0.23	U	0.21	U	0.21	U
8270S	N-NITROSODIETHYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.014	U	0.014	U	0.015	U	0.014	U	0.014	U
8270S	N-NITROSODIMETHYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.051	U	0.053	U	0.056	U	0.052	U	0.052	U
8270S	N-NITROSODIPHENYLAMINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	N-NITROSOMORPHOLINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	N-NITROSOPIPERIDINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	N-NITROSOPYRROLIDINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	NAPHTHALENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.046	J	0.064	J	3.5		0.35	U	0.039	J
8270S	NITROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	2.9		0.35	U	0.35	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	O-TOLUIDINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	P-DIMETHYLAMINOAZOBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.031	U	0.032	U	0.034	U	0.032	U	0.032	U
8270S	P-PHENYLENEDIAMINE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	PENTACHLOROBENZENE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	PENTACHLOROETHANE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	R		1.1	U	R		R		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	PENTACHLOROPHENOL	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		1.8	U	1.8	U	2	U	1.8	U	1.8	U
8270S	PHENACETIN	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	PHENANTHRENE	1	U	1.1	U	1	U	0.34	J	NA		NA		NA		NA		0.51		1.4		1.2		0.35	U	0.6	
8270S	PHENOL	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	PRONAMIDE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	PROPAZINE	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PYRENE	1	U	1.1	U	1	U	0.7	J	NA		NA		NA		NA		1.2	J	2.1	J	2.4	J	0.053	J	0.9	
8270S	PYRIDINE	1	U	1.1	U	1	U	1.1	U	NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	SAFROLE	1	U	1.1	U	4.2		28		NA		NA		NA		NA		0.34	U	0.35	U	0.38	U	0.35	U	0.35	U
8270S	TINUVIN 327	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	NA		0.35	U
8270S	TOPRANIL	5.1	U	5.3	U	5.2	U	5.5	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDD	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

SITE	.5 to 1		.5 to 1		.5 to 1		.5 to 1		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2		0 to 2	
LOCATOR	SMU9/C1		SMU9/C2		SMU9/ZZ1		SMU9/ZZ2		SMU-5/5G1		SMU-5/5G1		SMU-5/5H1		SMU16/B16E1		SMU5/B5A1		SMU5/B5B1		SMU5/B5C1		SMU5/B5D1		SMU5/B5E1	
SAMPLE NUMBER	SF-S9-C1(S)*IB-2		SF-S9-C2(S)*IB-1		SF-S9-ZZ1(S)*IB-2		SF-S9-ZZ2(S)*IB-2		B-5G1*II-2		B-DUP1*II-2		B-5H1*II-2		B-16E1*II-1		B-5A1*II-1		B-5B1*II-1		B-5C1*II-1		B-5D1*II-1		B-5E1*II-1	
COLLECT DATE	3/12/91		11/16/90		3/12/91		3/12/91		5/5/94		5/5/94		5/5/94		7/21/93		7/28/93		7/28/93		7/28/93		7/28/93		7/28/93	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
82708 TRCDF	2	U	2.1	U	2.1	U	2.2	U	NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS 1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.0002	U
SOWZS 1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00013	U
SOWZS 1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00017	U
SOWZS 1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00022	U
SOWZS 1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00015	U
SOWZS 1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00021	U
SOWZS 1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00014	U
SOWZS 1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00021	U
SOWZS 1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00018	U
SOWZS 1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00023	U
SOWZS 1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00018	U
SOWZS 2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00016	U
SOWZS 2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00019	U
SOWZS 2,3,7,8-TCDD	0.000096	U	0.000099	U	0.000069	U	0.000098	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00017	U
SOWZS 2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00014	U
SOWZS HPCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.0002	U
SOWZS HPCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00013	U
SOWZS HXCDD	0.00012	U	0.00015	U	0.000096	U	0.00013	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00021	U
SOWZS HXCDF	0.000087	U	0.00011	U	0.000065	U	0.000093	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00014	U
SOWZS OCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00081	U
SOWZS OCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.00031	U
SOWZS PECDD	0.000092	U	0.000098	U	0.000069	U	0.000096	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00023	U
SOWZS PECDF	0.000057	U	0.000062	U	0.000041	U	0.000057	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00018	U
SOWZS PERCENT MOISTURE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0	
SOWZS TCDD	0.000096	U	0.000099	U	0.000069	U	0.000098	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00017	U
SOWZS TCDF	0.000061	U	0.000066	U	0.000042	U	0.00006	U	NA		NA		NA		NA		NA		NA		NA		NA		0.00014	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	0 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2	
	LOCATOR	SMU5/B5F1		SMU5/A2		SMU5/B3		SMU5/C1		SMU5/C1		SMU5/C2		SMU5/C2		SMU5/C3		SMU5/C4		SMU5/D2		SMU5/D2	
	SAMPLE NUMBER	B-5F1*II-1		SF-S5-A2(D)*IB-2		SF-S5-B3(D)*IB-2		SF-S5-C1(D)*IB-1		SF-S5-C1(D)*IB-2		SF-S5-C2(D)*IB-1		SF-S5-C2(D)*IB-2		SF-S5-C3(D)*IB-1		SF-S5-C4(D)*IB-2		SF-S5-D2(D)*IB-1		SF-S5-D2(D)*IB-1	
	COLLECT DATE	7/29/93		3/19/91		3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		1/0/00	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0035	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.41		NA	
8080S	4,4'-DDE	0.0035	U	0.0012	U	0.058	U	0.22	J	0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	4,4'-DDT	0.0052	J	0.00096	J	0.12	U	R		0.23	U	5	U	R		0.51		0.0021	U	0.25	U	NA	
8080S	ALDRIN	0.0018	U	0.0012	U	0.058	U	0.13	J	0.12	U	2.5	U	R		0.061	U	0.0011	U	1.1		NA	
8080S	ALPHA-BHC	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.076		0.0011	U	0.16		NA	
8080S	ALPHA-CHLORDANE	0.004	J	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	BETA-BHC	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	CHLOROBENZILATE	0.018	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8080S	DELTA-BHC	0.0018	U	0.0012	U	0.058	U	0.26	J	0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	DIELDRIN	0.0035	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	ENDOSULFAN I	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	ENDOSULFAN II	0.0035	U	0.0035	U	0.17	U	R		0.35	U	7.5	U	R		0.18	U	0.0032	U	0.37	U	NA	
8080S	ENDOSULFAN SULFATE	0.0035	U	0.0058	U	0.29	U	R		0.59	U	12	U	R		0.29	J	0.0053	U	0.28	J	NA	
8080S	ENDRIN	0.0035	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.065		0.0011	U	0.12		NA	
8080S	ENDRIN ALDEHYDE	0.0035	U	0.0023	U	0.12	U	R		0.23	U	5	U	R		3.5		0.0021	U	0.25	U	NA	
8080S	GAMMA-BHC	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	GAMMA-CHLORDANE	0.004	J	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.21		0.0011	U	0.5		NA	
8080S	HEPTACHLOR	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	HEPTACHLOR EPOXIDE	0.0018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.25		0.0011	U	1.2		NA	
8080S	ISODRIN	0.0035	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	KEPONE	0.018	U	0.0012	U	0.058	U	R		0.12	U	2.5	U	R		0.061	U	0.0011	U	0.12	U	NA	
8080S	METHOXYCHLOR	0.018	U	0.0058	U	1.8		R		0.59	U	2200		1100	J	3.3		0.0053	U	0.61	U	NA	
8080S	PCB-1016	0.035	U	0.012	U	0.58	U	R		1.2	U	25	U	R		0.61	U	0.011	U	1.2	U	NA	
8080S	PCB-1221	0.072	U	0.023	U	1.2	U	R		2.3	U	50	U	R		1.2	U	0.021	U	2.5	U	NA	
8080S	PCB-1232	0.035	U	0.023	U	1.2	U	R		2.3	U	50	U	R		1.2	U	0.021	U	2.5	U	NA	
8080S	PCB-1242	0.035	U	0.012	U	0.58	U	R		1.2	U	25	U	R		0.61	U	0.011	U	1.2	U	NA	
8080S	PCB-1248	0.035	U	0.012	U	0.58	U	R		1.2	U	25	U	49		0.61	U	0.011	U	1.2	U	NA	
8080S	PCB-1254	0.035	U	0.023	U	12		R		36	J	50	U	R		1.2	U	0.073		2.5	U	NA	
8080S	PCB-1260	0.035	U	0.023	U	1.2	U	R		2.3	U	50	U	R		1.2	U	0.021	U	2.5	U	NA	
8080S	TOXAPHENE	0.18	U	0.058	U	2.9	U	R		5.9	U	120	U	R		3	U	0.053	U	6.1	U	NA	
814ZS	DIMETHOATE	0.35	U	0.12	U	0.11	U	0.14	U	0.12	U	0.12	U	0.13	U	0.12	U	0.1	U	0.12	U	NA	
814ZS	DISULFOTON	0.14	U	0.12	U	0.11	U	0.14	U	0.12	U	0.12	U	0.007	J	0.0077	J	0.1	U	0.12	U	NA	
814ZS	ETHYL PARATHION	0.035	U	0.087	U	0.083	U	0.1	U	0.093	U	0.094	U	0.097	U	0.089	U	0.079	U	0.091	U	NA	
814ZS	FAMPHUR	0.35	U	0.29	U	0.28	U	0.35	U	0.31	U	0.31	U	0.32	U	0.3	U	0.26	U	0.3	U	NA	
814ZS	METHYL PARATHION	0.018	U	0.017	U	0.017	U	0.021	U	0.019	U	0.019	U	0.019	U	0.018	U	0.016	U	0.018	U	NA	
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		0.58	U	0.55	U	0.69	U	0.62	U	0.62	U	0.65	U	0.6	U	0.52	U	0.61	U	NA	
814ZS	PHORATE	0.035	U	0.087	U	0.083	U	0.1	U	0.093	U	0.094	U	0.097	U	0.0096	J	0.079	U	0.091	U	NA	
814ZS	SULPOTEPP	0.018	U	0.058	U	0.055	U	0.069	U	0.062	U	0.062	U	0.065	U	0.06	U	0.052	U	0.061	U	NA	
814ZS	THIONAZIN	0.035	U	0.58	U	0.55	U	0.69	U	0.62	U	0.0058	J	0.65	U	0.6	U	0.52	U	0.61	U	NA	
815ZS	2,4,5-T	0.018	U	0.024	U	0.023	U	0.027	U	0.025	U	0.025	U	0.0095	J	0.024	U	0.022	U	0.024	U	NA	
815ZS	2,4,5-TP (SILVEX)	0.018	U	0.02	U	0.02	U	0.11		0.022	U	0.021	U	0.34		0.02	U	0.019	U	0.021	U	NA	
815ZS	2,4-D	0.018	U	0.14	U	0.14	U	0.16	U	0.15	U	0.15	U	0.16	U	0.14	U	0.13	U	0.15	U	NA	
815ZS	DINOSEB	NA		0.018	U	0.017	U	0.02	U	0.019	U	0.018	U	0.072		0.018	U	0.017	U	0.018	U	NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,1,1-TRICHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,1,2,2-TETRACHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,1,2-TRICHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,1-DICHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,1-DICHLOROETHENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,2,3-TRICHLOROPROPANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.011	U	0.48	U	0.47	U	0.56	U	0.51	U	0.5	U	0.53	U	0.48	U	0.44	U	0.49	U	NA	
8240S	1,2-DIBROMOETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,2-DICHLOROETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	1,2-DICHLOROPROPANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	2-BUTANONE	0.027	U	0.24	U	0.23	U	0.28	U	0.23	J	0.25	U	0.18	J	0.24	U	0.22	U	0.24	U	NA	
8240S	2-CHLORO-1,3-BUTADIENE	0.011	U	0.6	U	0.58	U	0.69	U	0.63	U	0.62	U	0.67	U	0.6	U	0.56	U	0.61	U	NA	
8240S	2-HEXANONE	0.027	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	3-CHLOROPROPENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	4-METHYL-2-PENTANONE	0.027	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	ACETONE	0.027	U	0.32	J	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	ACETONITRILE	0.22	U	0.48	U	0.47	U	0.56	U	0.51	U	0.5	U	0.53	U	0.48	U	0.44	U	0.49	U	NA	
8240S	ACROLEIN	0.22	U	R		R		R		R		R		R		R		R		R		NA	
8240S	ACRYLONITRILE	0.11	U	1.2	U	1.2	U	1.4	U	1.3	U	1.2	U	1.3	U	1.2	U	1.1	U	1.2	U	NA	
8240S	BENZENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	BROMODICHLOROMETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	BROMOFORM	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	BROMOMETHANE	0.011	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	CARBON DISULFIDE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	CARBON TETRACHLORIDE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	CHLOROBENZENE	0.0054	U	0.12	U	0.12	U	0.043	J	2.6		3.6		1.2		2		0.11	U	0.12		NA	
8240S	CHLOROETHANE	0.011	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	CHLOROFORM	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	CHLOROMETHANE	0.011	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	CIS-1,3-DICHLOROPROPENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	DIBROMOCHLOROMETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	DIBROMOMETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	DICHLORODIFLUOROMETHANE	0.0054	U	0.48	U	0.47	U	0.56	U	0.51	U	0.5	U	0.53	U	0.48	U	0.44	U	0.49	U	NA	
8240S	ETHYL METHACRYLATE	0.0054	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	ETHYLBENZENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	IODOMETHANE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	ISOBUTANOL	R		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	M&P-XYLENE	0.0065		0.042	J	0.12	U	0.14	U	0.026	J	0.065	J	0.03	J	0.041	J	0.11	U	0.12	U	NA	
8240S	METHACRYLONITRILE	0.11	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	METHYL METHACRYLATE	0.0054	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	METHYLENE CHLORIDE	0.0054	U	2.7	U	0.2	U	0.14	U	0.65	U	0.18	U	0.16	U	0.23	U	2.6	U	0.35	U	NA	
8240S	O-XYLENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.046	J	0.017	J	0.022	J	0.11	U	0.12	U	NA	
8240S	PENTACHLOROETHANE	0.027	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	PROPANENITRILE	0.22	U	2.4	U	2.3	U	2.8	U	2.5	U	2.5	U	2.7	U	2.4	U	2.2	U	2.4	U	NA	
8240S	STYRENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	TETRACHLOROETHENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.031	J	0.044	J	0.073	J	0.037	J	0.11	U	0.12	U	NA	
8240S	TOLUENE	0.0069		0.12	U	0.12	U	0.1	J	0.18	J	1		1	J	1		0.32	J	0.12		NA	
8240S	TRANS-1,2-DICHLOROETHENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	TRANS-1,3-DICHLOROPROPENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.0054	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	TRICHLOROETHENE	0.0054	U	0.12	U	0.12	U	0.14	U	0.041	J	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	TRICHLOROFLUOROMETHANE	0.0054	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
8240S	VINYL ACETATE	0.011	U	0.12	U	0.12	U	0.14	U	0.13	U	0.12	U	0.13	U	0.12	U	0.11	U	0.12	U	NA	
8240S	VINYL CHLORIDE	0.011	U	0.24	U	0.23	U	0.28	U	0.25	U	0.25	U	0.27	U	0.24	U	0.22	U	0.24	U	NA	
824DS	1,4-DIOXANE	NA		12	U	12	U	14	U	13	U	12	U	13	U	12	U	11	U	12	U	NA	
824DS	ISOBUTANOL	NA		12	U	12	U	14	U	13	U	12	U	13	U	12	U	11	U	12	U	NA	
824DS	METHACRYLONITRILE	NA		12	U	12	U	14	U	13	U	12	U	13	U	12	U	11	U	12	U	NA	
8270S	1,1-BIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,2,4-TRICHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,2-DICHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,3,5-TRINITROBENZENE	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,3-DICHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,3-DINITROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,4-DICHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1,4-DIOXANE	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,4-NAPHTHOQUINONE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	1-NAPHTHYLAMINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

	SITE	0 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2	
	LOCATOR	SMU5/B5F1		SMU5/A2		SMU5/B3		SMU5/C1		SMU5/C1		SMU5/C2		SMU5/C2		SMU5/C3		SMU5/C4		SMU5/D2		SMU5/D2	
	SAMPLE NUMBER	B-5F1*II-1		SF-S5-A2(D)*IB-2		SF-S5-B3(D)*IB-2		SF-S5-C1(D)*IB-1		SF-S5-C1(D)*IB-2		SF-S5-C2(D)*IB-1		SF-S5-C2(D)*IB-2		SF-S5-C3(D)*IB-1		SF-S5-C4(D)*IB-2		SF-S5-D2(D)*IB-1		SF-S5-D2(D)*IB-1	
	COLLECT DATE	7/29/93		3/19/91		3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		1/0/00	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	2,3,4,6-TETRACHLOROPHENOL	1.8	U	2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U
8270S	2,4,5-TRICHLOROPHENOL	1.8	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,4,6-TRICHLOROPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,4-DICHLOROPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,4-DIMETHYLPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,4-DINITROPHENOL	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	2,4-DINITROTOLUENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,6-DICHLOROPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2,6-DINITROTOLUENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-ACETYLAMINOFLUORENE	0.35	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	2-CHLORONAPHTHALENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-CHLOROPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-METHYLNAPHTHALENE	0.35	U	1.2	U	1.2	U	14	U	0.36	J	12	U	0.17	J	1.2	U	1.1	U	NA		12	U
8270S	2-METHYLPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-NAPHTHYLAMINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-NITROANILINE	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	0.98	J	6	U	5.4	U	NA		61	U
8270S	2-NITROPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	2-PICOLINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	3&4-METHYLPHENOL	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	0.71	U	2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U
8270S	3,3'-DIMETHYLBENZIDINE	0.22	U	2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U
8270S	3-METHYLCHOLANTHRENE	0.22	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	3-METHYLPHENOL	NA		1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	3-NITROANILINE	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	4,6-DINITRO-2-METHYLPHENOL	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	4-AMINOBIPHENYL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	4-BROMOPHENYL-PHENYLETHER	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	4-CHLORO-3-METHYLPHENOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	4-CHLOROANILINE	0.71	U	1.2	U	1.2	U	1.6	J	1.3	U	7.4	J	1.3		0.31	J	1.1	U	NA		12	U
8270S	4-CHLOROPHENYL-PHENYLETHER	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	4-METHYLPHENOL	NA		1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	4-NITROANILINE	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	4-NITROPHENOL	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	4-NITROQUINOLINE-N-OXIDE		R		R		R	140	U		R	120	U		R	12	U		R	NA		120	U
8270S	5-NITRO-O-TOLUIDINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.22	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	ACENAPHTHENE	0.35	U	1.2	U	1.2	U	14	U	0.16	J	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ACENAPHTHYLENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ACETOPHENONE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ANILINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ANTHRACENE	0.031	J	1.2	U	1.2	U	14	U	0.25	J	12	U	0.16	J	0.089	J	0.2	J	NA		12	U
8270S	ARAMITE		R	12	U	12	U	140	U	13	U	120	U	13	U	12	U	11	U	NA		120	U
8270S	BENZO(A)ANTHRACENE	0.14	J	1.2	U	0.41	J	1.2	J	1.2	J	1.1	J	0.94	J	0.53	J	0.43	J	NA		12	U
8270S	BENZO(A)PYRENE	0.12	J	1.2	U	1.2	U	1.7	J	1.2	J	12	U	1.1	J	0.53	J	1.1	U	NA		12	U
8270S	BENZO(B)FLUORANTHENE	0.16	J	1.2	U	1.2	U	2.6	J	2.6		1.9	J	2.2		1	J	1.1	U	NA		12	U
8270S	BENZO(G,H,I)PERYLENE	0.064	J	1.2	U	1.2	U	14	U	1.3	U	12	U	1.2	J	0.52	J	1.1	U	NA		12	U
8270S	BENZO(K)FLUORANTHENE	0.062	J	1.2	U	1.2	U	3.4	J	3.2		2.4	J	2.7		1.3		1.1	U	NA		12	U
8270S	BENZYL ALCOHOL	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	BIS(2-CHLOROETHOXY)METHANE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	BIS(2-CHLOROETHYL)ETHER	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	0.33	J	0.43	J	1.1	U	NA		12	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.49	J	1.2	U	1.2	U	110		1.3	U	27		1.3	U	2		1.1	U	NA		3.1	J
8270S	BUTAZOLIDIN	NA		6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	BUTYLBENZYLPHTHALATE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	0.78	J	1.1	U	NA		12	U
8270S	CHLOROBENZILATE	NA		1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	CHRYSENE	0.12	J	1.2	U	1.2	U	2	J	1.6		1.6	J	1.3	U	0.75	J	0.43	J	NA		12	U
8270S	DCDD	NA		2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U
8270S	DCDF	NA		2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U
8270S	DI-N-BUTYLPHTHALATE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	0.057	J	1.1	U	NA		12	U
8270S	DI-N-OCTYLPHTHALATE	0.35	U	1.2	U	1.2	U	18		1.3	U	6.6	J	1.3	U	0.2	J	1.1	U	NA		12	U
8270S	DIALLATE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	DIBENZ(A,H)ANTHRACENE	0.22	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	DIBENZOFURAN	0.35	U	1.2	U	1.2	U	14	U	0.2	J	12	U	1.3	U	0.068	J	1.1	U	NA		12	U
8270S	DIETHYLPHTHALATE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	DIMETHYLPHENETHYLAMINE	1.8	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	DIMETHYLPHTHALATE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	DINOSEB	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DIPHENYLAMINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ETHYL METHANESULFONATE	0.032	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	FLUORANTHENE	0.27	J	1.2	U	0.65	J	3.6	J	2.1		2.6	J	1.5		1.3		0.85	J	NA		1.5	J
8270S	FLUORENE	0.35	U	1.2	U	1.2	U	14	U	0.23	J	12	U	1.3	U	0.052	J	1.1	U	NA		12	U
8270S	HEXACHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	HEXACHLOROBUTADIENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	HEXACHLOROCYCLOPENTADIENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	HEXACHLOROETHANE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	HEXACHLOROPHENE	NA		240	U	230	U	NA		250	U	NA		260	U	NA		220	U	NA		NA	
8270S	HEXACHLOROPROPENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	INDENO(1,2,3-CD)PYRENE	0.07	J	1.2	U	1.2	U	14	U	1.3	U	12	U	0.76	J	0.4	J	1.1	U	NA		12	U
8270S	IRGASAN DP-300	NA		6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	ISOPHORONE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	ISOSAFROLE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	METHAPYRILENE	3.5	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	METHYL METHANESULFONATE	0.032	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.32	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.22	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSODIETHYLAMINE	0.014	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSODIMETHYLAMINE	0.053	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSODIPHENYLAMINE	NA		1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSOMETHYLETHYLAMINE	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMORPHOLINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSOPIPERIDINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	N-NITROSOPYRROLIDINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	NAPHTHALENE	0.036	J	1.2	U	0.12	J	1.9	J	1.2	J	3.2	J	2.1		0.42	J	0.13	J	NA		12	U
8270S	NITROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	0.48	J	1.2	U	1.1	U	NA		12	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.35	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	O-TOLUIDINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	P-DIMETHYLAMINOAZOBENZENE	0.032	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	P-PHENYLENEDIAMINE	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	PENTACHLOROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PENTACHLOROETHANE	NA		1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PENTACHLORONITROBENZENE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PENTACHLOROPHENOL	1.8	U	6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	PHENACETIN	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PHENANTHRENE	0.18	J	1.2	U	0.36	J	1.7	J	1.4		1.4	J	0.64	J	0.72	J	0.72	J	NA		0.74	J
8270S	PHENOL	0.35	U	1.2	U	0.42	J	0.89	J	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PRONAMIDE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	PROPAZINE	NA		6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		24	J
8270S	PYRENE	0.34	J	1.2	U	0.76	J	3	J	2.8		2	J	1.5		1.1	J	0.77	J	NA		1.7	J
8270S	PYRIDINE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	SAFROLE	0.35	U	1.2	U	1.2	U	14	U	1.3	U	12	U	1.3	U	1.2	U	1.1	U	NA		12	U
8270S	TINUVIN 327	NA		6	U	5.8	U	69	U	6.3	U	18	J	3.7	J	0.57	J	5.4	U	NA		61	U
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	NA		6	U	5.8	U	69	U	6.3	U	62	U	6.5	U	6	U	5.4	U	NA		61	U
8270S	TRCDD	NA		2.4	U	2.3	U	27	U	2.5	U	25	U	2.6	U	2.4	U	2.2	U	NA		24	U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
ORGANIC DATA

SITE	0 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2	1.5 to 2
LOCATOR	SMU5/B5F1	SMU5/A2	SMU5/B3	SMU5/C1	SMU5/C1	SMU5/C2	SMU5/C2	SMU5/C3	SMU5/C4	SMU5/D2	SMU5/D2
SAMPLE NUMBER	B-5F1*II-1	SF-S5-A2(D)*IB-2	SF-S5-B3(D)*IB-2	SF-S5-C1(D)*IB-1	SF-S5-C1(D)*IB-2	SF-S5-C2(D)*IB-1	SF-S5-C2(D)*IB-2	SF-S5-C3(D)*IB-1	SF-S5-C4(D)*IB-2	SF-S5-D2(D)*IB-1	SF-S5-D2(D)*IB-1
COLLECT DATE	7/29/93	3/19/91	3/19/91	11/15/90	3/19/91	11/15/90	3/19/91	11/15/90	3/19/91	11/15/90	1/0/00
	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
8270S TRCDF	NA	2.4 U	2.3 U	27 U	2.5 U	25 U	2.6 U	2.4 U	2.2 U	NA	24 U
SOWZS 1,2,3,4,6,7,8-HPCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,4,6,7,8-HPCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,4,7,8,9-HPCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,4,7,8-HXCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,4,7,8-HXCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,6,7,8-HXCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,6,7,8-HXCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,7,8,9-HXCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,7,8,9-HXCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,7,8-PECDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 1,2,3,7,8-PECDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 2,3,4,6,7,8-HXCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 2,3,4,7,8-PECDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS 2,3,7,8-TCDD	NA	0.00013 U	0.0001 U	0.00012 U	0.000078 U	0.00012 U	0.00011 U	0.0001 U	0.000094 U	0.00012 U	NA
SOWZS 2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS HPCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS HPCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS HXCDD	NA	0.00023 U	0.00019 U	0.00014 U	0.00016 U	0.0002 U	0.00021 U	0.00015 U	0.00017 U	0.00023 U	NA
SOWZS HXCDF	NA	0.00014 U	0.00012 U	0.00052	0.00035	0.0011 F	0.00045 J	0.000095 U	0.00011 U	0.00016 U	NA
SOWZS OCDD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS OCDF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS PECDD	NA	0.00013 U	0.00011 U	0.00014 U	0.0001 U	0.00014 U	0.00013 U	0.0001 U	0.0001 U	0.00015 U	NA
SOWZS PECDF	NA	0.000087 U	0.00007 U	0.00026	0.000071 U	0.000095 U	0.00013	0.000061 U	0.000062 U	0.000093 U	NA
SOWZS PERCENT MOISTURE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SOWZS TCDD	NA	0.00013 U	0.0001 U	0.00012 U	0.000078 U	0.00012 U	0.00011 U	0.0001 U	0.000094 U	0.00012 U	NA
SOWZS TCDF	NA	0.000093 U	0.000076 U	0.00077	0.00027 J	0.00015 F	0.00016 J	0.000064 U	0.000066 U	0.00062	NA

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

	SITE	1.5 to 2		1.5 to 2	
	LOCATOR	SMU5/D3		SMU5/E3	
	SAMPLE NUMBER	SF-S5-D3(D)*IB-1		SF-S5-E3(D)*IB-2	
	COLLECT DATE	11/15/90		3/19/91	
		Result	Q	Result	Q
8080S	4,4'-DDD	0.26	U	0.0063	U
8080S	4,4'-DDE	0.26	U	0.041	
8080S	4,4'-DDT	0.51	U	0.013	U
8080S	ALDRIN	1	J	0.0063	U
8080S	ALPHA-BHC	0.27	J	0.0063	U
8080S	ALPHA-CHLORDANE	0.26	U	0.0063	U
8080S	BETA-BHC	0.26	U	0.0063	U
8080S	CHLOROBENZILATE	NA		NA	
8080S	DELTA-BHC	0.26	U	0.0063	U
8080S	DIELDRIN	0.91	J	0.018	
8080S	ENDOSULFAN I	0.26	U	0.0063	U
8080S	ENDOSULFAN II	0.77	U	0.019	U
8080S	ENDOSULFAN SULFATE	1.3	U	0.032	U
8080S	ENDRIN	0.54	J	0.0063	U
8080S	ENDRIN ALDEHYDE	0.51	U	0.013	U
8080S	GAMMA-BHC	0.26	U	0.0063	U
8080S	GAMMA-CHLORDANE	0.26	U	0.0063	U
8080S	HEPTACHLOR	0.26	U	0.0063	U
8080S	HEPTACHLOR EPOXIDE	0.26	U	0.08	
8080S	ISODRIN	0.85	J	0.0063	U
8080S	KEPONE	0.26	U	0.0063	U
8080S	METHOXYCHLOR	1.3	U	2.5	
8080S	PCB-1016	2.6	U	0.063	U
8080S	PCB-1221	5.1	U	0.13	U
8080S	PCB-1232	5.1	U	0.13	U
8080S	PCB-1242	2.6	U	0.063	U
8080S	PCB-1248	2.6	U	0.063	U
8080S	PCB-1254	5.1	U	0.13	U
8080S	PCB-1260	5.1	U	0.13	U
8080S	TOXAPHENE	13	U	0.32	U
8140S	DIMETHOATE		R	0.13	U
8140S	DISULFOTON		R	0.13	U
8140S	ETHYL PARATHION		R	0.096	U
8140S	FAMPHUR		R	0.32	U
8140S	METHYL PARATHION	0.019	U	0.019	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE		R	0.64	U
8140S	PHORATE		R	0.096	U
8140S	SULFOTEPP	0.0041	J	0.064	U
8140S	THIONAZIN		R	0.64	U
8150S	2,4,5-T	0.026	U	0.026	U
8150S	2,4,5-TP (SILVEX)	0.21		0.02	J
8150S	2,4-D	0.15	U	0.16	U
8150S	DINOSEB	0.019	U	0.019	U
8240S	1,1,1,2-TETRACHLOROETHANE	0.13	U	0.13	U
8240S	1,1,1-TRICHLOROETHANE	0.13	U	0.13	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.13	U	0.13	U
8240S	1,1,2-TRICHLOROETHANE	0.13	U	0.13	U
8240S	1,1-DICHLOROETHANE	0.13	U	0.044	J
8240S	1,1-DICHLOROETHENE	0.13	U	0.13	U
8240S	1,2,3-TRICHLOROPROPANE	0.13	U	0.13	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.51	U	0.52	U
8240S	1,2-DIBROMOETHANE	0.13	U	0.13	U
8240S	1,2-DICHLOROETHANE	0.13	U	0.13	U
8240S	1,2-DICHLOROPROPANE	0.13	U	0.13	U
8240S	2-BUTANONE	0.26	U	0.26	U
8240S	2-CHLORO-1,3-BUTADIENE	0.64	U	0.65	U
8240S	2-HEXANONE	0.26	U	0.26	U
8240S	3-CHLOROPROPENE	0.13	U	0.13	U
8240S	4-METHYL-2-PENTANONE	0.26	U	0.26	U
8240S	ACETONE	0.26	U	0.26	U
8240S	ACETONITRILE	0.51	U	0.52	U
8240S	ACROLEIN		R		R
8240S	ACRYLONITRILE	1.3	U	1.3	U
8240S	BENZENE	0.13	U	0.034	J
8240S	BROMODICHLOROMETHANE	0.13	U	0.13	U
8240S	BROMOFORM	0.13	U	0.13	U
8240S	BROMOMETHANE	0.26	U	0.26	U
8240S	CARBON DISULFIDE	0.13	U	0.13	U
8240S	CARBON TETRACHLORIDE	0.13	U	0.13	U
8240S	CHLOROBENZENE	0.82		0.13	U
8240S	CHLOROETHANE	0.26	U	0.26	U
8240S	CHLOROFORM	0.13	U	0.048	J
8240S	CHLOROMETHANE	0.26	U	0.26	U
8240S	CIS-1,3-DICHLOROPROPENE	0.13	U	0.13	U
8240S	DIBROMOCHLOROMETHANE	0.13	U	0.13	U
8240S	DIBROMOMETHANE	0.13	U	0.13	U
8240S	DICHLORODIFLUOROMETHANE	0.51	U	0.52	U
8240S	ETHYL METHACRYLATE	0.26	U	0.26	U
8240S	ETHYLBENZENE	0.13	U	0.027	J
8240S	IODOMETHANE	0.13	U	0.13	U
8240S	ISOBUTANOL	NA		NA	
8240S	M&P-XYLENE	0.13	U	0.07	J
8240S	METHACRYLONITRILE	NA		NA	
8240S	METHYL METHACRYLATE	0.26	U	0.26	U
8240S	METHYLENE CHLORIDE	0.27	U	2.6	U
8240S	O-XYLENE	0.13	U	0.041	J
8240S	PENTACHLOROETHANE	NA		NA	
8240S	PROPANENITRILE	2.6	U	2.6	U
8240S	STYRENE	0.13	U	0.13	U
8240S	TETRACHLOROETHENE	0.063	J	2.4	
8240S	TOLUENE	0.36		0.64	J
8240S	TRANS-1,2-DICHLOROETHENE	0.13	U	0.13	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.13	U	0.13	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.26	U	0.26	U
8240S	TRICHLOROETHENE	0.13	U	0.13	
8240S	TRICHLOROFLUOROMETHANE	0.26	U	0.26	U
8240S	VINYL ACETATE	0.13	U	0.13	U
8240S	VINYL CHLORIDE	0.26	U	0.26	U
8240S	1,4-DIOXANE	13	U	13	U
8240S	ISOBUTANOL	13	U	13	U
8240S	METHACRYLONITRILE	13	U	13	U
8270S	1,1-BIPHENYL	NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	13	U	1.3	U
8270S	1,2,4-TRICHLOROBENZENE	13	U	1.3	U
8270S	1,2-DICHLOROBENZENE	13	U	0.18	J
8270S	1,3,5-TRINITROBENZENE	NA		NA	
8270S	1,3-DICHLOROBENZENE	13	U	1.3	U
8270S	1,3-DINITROBENZENE	13	U	1.3	U
8270S	1,4-DICHLOROBENZENE	13	U	1.3	U
8270S	1,4-DIOXANE	NA		NA	
8270S	1,4-NAPHTHOQUINONE	13	U	1.3	U
8270S	1-NAPHTHYLAMINE	13	U	1.3	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	13	U	1.3	U

All results in mg/kg (ppm).
U - Undetected.
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R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

	SITE	1.5 to 2		1.5 to 2	
	LOCATOR	SMU5/D3		SMU5/E3	
	SAMPLE NUMBER	SF-S5-D3(D)*IB-1		SF-S5-E3(D)*IB-2	
	COLLECT DATE	11/15/90		8/19/91	
		Result	Q	Result	Q
8270S	2,3,4,6-TETRACHLOROPHENOL	25	U	2.6	U
8270S	2,4,5-TRICHLOROPHENOL	13	U	1.3	U
8270S	2,4,6-TRICHLOROPHENOL	13	U	1.3	U
8270S	2,4-DICHLOROPHENOL	13	U	1.3	U
8270S	2,4-DIMETHYLPHENOL	13	U	1.3	U
8270S	2,4-DINITROPHENOL	64	U	6.5	U
8270S	2,4-DINITROTOLUENE	13	U	1.3	U
8270S	2,6-DICHLOROPHENOL	13	U	1.3	U
8270S	2,6-DINITROTOLUENE	13	U	1.3	U
8270S	2-ACETYLAMINOFLUORENE	64	U	6.5	U
8270S	2-CHLORONAPHTHALENE	13	U	1.3	U
8270S	2-CHLOROPHENOL	13	U	1.3	U
8270S	2-METHYLNAPHTHALENE	13	U	1.3	U
8270S	2-METHYLPHENOL	13	U	1.3	U
8270S	2-NAPHTHYLAMINE	13	U	1.3	U
8270S	2-NITROANILINE	64	U	6.5	U
8270S	2-NITROPHENOL	13	U	1.3	U
8270S	2-PICOLINE	13	U	1.3	U
8270S	3&4-METHYLPHENOL	NA		NA	
8270S	3,3'-DICHLOROBENZIDINE	25	U	2.6	U
8270S	3,3'-DIMETHYLBENZIDINE	25	U	2.6	U
8270S	3-METHYLCHOLANTHRENE	13	U	1.3	U
8270S	3-METHYLPHENOL	13	U	1.3	U
8270S	3-NITROANILINE	64	U	6.5	U
8270S	4,6-DINITRO-2-METHYLPHENOL	64	U	6.5	U
8270S	4-AMINOBIPHENYL	13	U	1.3	U
8270S	4-BROMOPHENYL-PHENYLETHER	13	U	1.3	U
8270S	4-CHLORO-3-METHYLPHENOL	13	U	1.3	U
8270S	4-CHLOROANILINE	5.4	J	1.3	U
8270S	4-CHLOROPHENYL-PHENYLETHER	13	U	1.3	U
8270S	4-METHYLPHENOL	13	U	1.3	U
8270S	4-NITROANILINE	64	U	6.5	U
8270S	4-NITROPHENOL	64	U	6.5	U
8270S	4-NITROQUINOLINE-N-OXIDE	130	U	R	
8270S	5-NITRO-O-TOLUIDINE	13	U	1.3	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	64	U	6.5	U
8270S	ACENAPHTHENE	13	U	1.3	U
8270S	ACENAPHTHYLENE	13	U	1.3	U
8270S	ACETOPHENONE	13	U	1.3	U
8270S	ANILINE	13	U	1.3	U
8270S	ANTHRACENE	13	U	0.2	J
8270S	ARAMITE	130	U	13	U
8270S	BENZO(A)ANTHRACENE	1.6	J	1	J
8270S	BENZO(A)PYRENE	1.5	J	1.1	J
8270S	BENZO(B)FLUORANTHENE	2.8	J	1.6	
8270S	BENZO(G,H,I)PERYLENE	13	U	0.96	J
8270S	BENZO(K)FLUORANTHENE	3.6	J	1.9	
8270S	BENZYL ALCOHOL	13	U	1.3	U
8270S	BIS(2-CHLOROETHOXY)METHANE	13	U	1.3	U
8270S	BIS(2-CHLOROETHYL)ETHER	13	U	1.3	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	140		1.3	U
8270S	BUTAZOLIDIN	64	U	6.5	U
8270S	BUTYLBENZYLPHTHALATE	13	U	1.3	U
8270S	CHLOROBENZILATE	13	U	1.3	U
8270S	CHRYSENE	2.3	J	1.2	J
8270S	DCDD	25	U	2.6	U
8270S	DCDF	25	U	2.6	U
8270S	DI-N-BUTYLPHTHALATE	13	U	1.3	U
8270S	DI-N-OCTYLPHTHALATE	23		1.3	U
8270S	DIALLATE	13	U	1.3	U
8270S	DIBENZ(A,H)ANTHRACENE	13	U	1.3	U
8270S	DIBENZOFURAN	13	U	1.3	U
8270S	DIETHYLPHTHALATE	13	U	1.3	U
8270S	DIMETHYLPHENETHYLAMINE	13	U	1.3	U
8270S	DIMETHYLPHTHALATE	13	U	1.3	U
8270S	DINOSEB	NA		NA	
8270S	DIPHENYLAMINE	13	U	1.3	U
8270S	ETHYL METHANESULFONATE	13	U	1.3	U
8270S	FLUORANTHENE	3.7	J	2	
8270S	FLUORENE	13	U	1.3	U
8270S	HEXACHLOROBENZENE	13	U	1.3	U
8270S	HEXACHLOROBUTADIENE	13	U	1.3	U
8270S	HEXACHLOROCYCLOPENTADIENE	13	U	1.3	U
8270S	HEXACHLOROETHANE	13	U	1.3	U
8270S	HEXACHLOROPHENE	NA		260	U
8270S	HEXACHLOROPROPENE	13	U	1.3	U
8270S	INDENO(1,2,3-CD)PYRENE	13	U	0.86	J
8270S	IRGASAN DP-300	64	U	6.5	U
8270S	ISOPHORONE	13	U	1.3	U
8270S	ISOSAFROLE	13	U	1.3	U
8270S	METHAPYRILENE	13	U	1.3	U
8270S	METHYL METHANESULFONATE	13	U	1.3	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	13	U	1.3	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	13	U	1.3	U
8270S	N-NITROSODIETHYLAMINE	13	U	1.3	U
8270S	N-NITROSODIMETHYLAMINE	13	U	1.3	U
8270S	N-NITROSODIPHENYLAMINE	13	U	1.3	U
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA	
8270S	N-NITROSOMORPHOLINE	13	U	1.3	U
8270S	N-NITROSOPIPERIDINE	13	U	1.3	U
8270S	N-NITROSOPYRROLIDINE	13	U	1.3	U
8270S	NAPHTHALENE	1.2	J	0.43	J
8270S	NITROBENZENE	13	U	1.3	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA	
8270S	O-TOLUIDINE	13	U	1.3	U
8270S	P-DIMETHYLAMINOAZOBENZENE	13	U	1.3	U
8270S	P-PHENYLENEDIAMINE	64	U	6.5	U
8270S	PENTACHLOROBENZENE	13	U	1.3	U
8270S	PENTACHLOROETHANE	13	U	1.3	U
8270S	PENTACHLORONITROBENZENE	13	U	1.3	U
8270S	PENTACHLOROPHENOL	64	U	6.5	U
8270S	PHENACETIN	13	U	1.3	U
8270S	PHENANTHRENE	1.4	J	0.81	J
8270S	PHENOL	13	U	1.3	U
8270S	PRONAMIDE	13	U	1.3	U
8270S	PROPAZINE	64	U	6.5	U
8270S	PYRENE	3	J	1.7	
8270S	PYRIDINE	13	U	1.3	U
8270S	SAFROLE	13	U	1.3	U
8270S	TINUVIN 327	4.1	J	6.5	U
8270S	TINUVIN 328	NA		NA	
8270S	TOFRANIL	64	U	6.5	U
8270S	TRCDD	25	U	2.6	U

All results in mg/kg (ppm).
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NA - Not analyzed.
F - Estimated maximum concentration.

SITE	1.5 to 2		1.5 to 2	
LOCATOR	SMU5/D3		SMU5/E3	
SAMPLE NUMBER	SF-S5-D3(D)*IB-1		SF-S5-E3(D)*IB-2	
COLLECT DATE	11/15/90		3/19/91	
	Result	Q	Result	Q
8270S TRCDF	25	U	2.6	U
SOWZS 1,2,3,4,6,7,8-HPCDD	NA		NA	
SOWZS 1,2,3,4,6,7,8-HPCDF	NA		NA	
SOWZS 1,2,3,4,7,8,9-HPCDF	NA		NA	
SOWZS 1,2,3,4,7,8-HXCDD	NA		NA	
SOWZS 1,2,3,4,7,8-HXCDF	NA		NA	
SOWZS 1,2,3,6,7,8-HXCDD	NA		NA	
SOWZS 1,2,3,6,7,8-HXCDF	NA		NA	
SOWZS 1,2,3,7,8,9-HXCDD	NA		NA	
SOWZS 1,2,3,7,8,9-HXCDF	NA		NA	
SOWZS 1,2,3,7,8-PECDD	NA		NA	
SOWZS 1,2,3,7,8-PECDF	NA		NA	
SOWZS 2,3,4,6,7,8-HXCDF	NA		NA	
SOWZS 2,3,4,7,8-PECDF	NA		NA	
SOWZS 2,3,7,8-TCDD	0.00013	U	0.000087	U
SOWZS 2,3,7,8-TCDF	NA		NA	
SOWZS HPCDD	NA		NA	
SOWZS HPCDF	NA		NA	
SOWZS HXCDD	0.00022	U	0.00017	U
SOWZS HXCDF	0.0002		0.00011	U
SOWZS OCDD	NA		NA	
SOWZS OCDF	NA		NA	
SOWZS PECDD	0.00014	U	0.0001	U
SOWZS PECDF	0.00012		0.000062	U
SOWZS PERCENT MOISTURE	NA		NA	
SOWZS TCDD	0.00013	U	0.000087	U
SOWZS TCDF	0.00031		0.000065	U

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R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WASTE WATER TREATMENT AREA
DEEP SOIL
INORGANIC DATA

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		4 to 6		4 to 6		4 to 6	
	LOCATOR	SMU10/B10A		SMU10/B10B		SMU10/B10C		SMU10/B10C		SMU10/B10D		SMU10/B10E		SMU12/B12A2		SMU12/B12D2		SMU12/B12E2		SMU12/B12B3		SMU12/B12C3		SMU12/B12E3	
	SAMPLE NUMBER	B-10A*IB-1		B-10B*IB-1		B-10C*IB-1		B-10C*IB-2		B-10D*IB-2		B-10E*IB-2		B-12A2*II-1		B-12D2*II-1		B-12E2*II-1		B-12B3*II-1		B-12C3*II-1		B-12E3*II-1	
	COLLECT DATE	12/5/90		12/5/90		12/5/90		3/13/91		3/13/91		3/13/91		7/25/93		7/25/93		7/26/93		7/25/93		7/25/93		7/26/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	32		18.5		19.2		12.4		12.7		13.6		NA		NA		NA		24.1	J	NA		NA	
6010S	BERYLLIUM	0.66		0.69		0.64		0.71		0.81		0.75		NA		NA		NA		0.11	U	NA		NA	
6010S	CADMIUM	0.44	U	0.39	U	0.42	U	0.31	U	0.42	U	0.43	U	NA		NA		NA		NA		NA		NA	
6010S	CALCIUM	2460	J	1170	J	1100	J	763		733		924		NA		NA		NA		NA		NA		NA	
6010S	CHROMIUM	8.4		7.7		7		5.5	J	4.8	J	5.8	J	NA		NA		NA		8.3		NA		NA	
6010S	COBALT	3.9		3.9		4.5		3.5		4.5		4.3		NA		NA		NA		2.8	J	NA		NA	
6010S	COPPER	4.5		5.5		6		9.1	J	10.1	J	9.5	J	11.6		15.6		18.7		58.7		14.4		22.9	
6010S	IRON	11500		12800		11200		10100		13300		13300		NA		NA		NA		NA		NA		NA	
6010S	MAGNESIUM	1270	J	1990	J	1530	J	1370		1260		1400		NA		NA		NA		NA		NA		NA	
6010S	MANGANESE	148	J	185	J	167	J	177	J	168	J	159	J	NA		NA		NA		NA		NA		NA	
6010S	NICKEL	3.6	U	4.4	U	3.6	U	5		4.5		5.4		NA		NA		NA		5.4		NA		NA	
6010S	POTASSIUM	1010	J	1170	J	1020	J	802	J	915	J	902	J	NA		NA		NA		NA		NA		NA	
6010S	SILVER	0.88	U	0.78	U	0.83	U	0.63	U	0.84	U	0.87	U	0.31	J	0.28	U	0.48	J	0.55	J	0.27	U	0.44	J
6010S	SODIUM	223	U	78	U	83	U	139		157		215		NA		NA		NA		NA		NA		NA	
6010S	VANADIUM	10.3		7.7		6.7		7.9		6.9		7.4		NA		NA		NA		7.4	J	NA		NA	
6010S	ZINC	59.9		50.3		33.9		40.6	J	66.9	J	53	J	NA		NA		NA		132		NA		NA	
7041S	ANTIMONY	R		R		R		0.56	U	0.47	U	0.62	U	NA		NA		NA		NA		NA		NA	
7060S	ARSENIC	4.2	J	3.2	J	2.9	J	5.3		4.7		4.5		NA		NA		NA		3.9	J	NA		NA	
7421S	LEAD	9.8	J	7.1	J	8.1	J	5.4	J	5.9	J	14.5	J	NA		NA		NA		35.7	J	NA		NA	
7472S	MERCURY	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	NA		NA		NA		0.2		NA		NA	
7740S	SELENIUM	0.42	U	0.43	U	0.4	U	0.4	U	0.34	U	0.44	U	NA		NA		NA		0.2	U	NA		NA	
7841S	THALLIUM	0.42	U	0.43	U	0.4	U	0.4	U	0.34	U	0.44	U	NA		NA		NA		NA		NA		NA	
9010S	CYANIDE	R		R		R		0.43		0.47	U	0.96		NA		NA		NA		3	U	NA		NA	
SNZZS	TIN	8.8	U	7.8	U	8.3	U	6.3	U	8.4	U	8.7	U	NA		NA		NA		NA		NA		NA	

All concentrations in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WARWICK AREA
DEEP SOIL
ORGANIC DATA

07/27/95

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4	
	LOCATOR	SMU-5/5G2		SMU-5/5H2		SMU16/B16B2		SMU16/B16C2		SMU16/B16D2		SMU16/B16E2		SMU16/B16E2		SMU16/B16E2		SMU5/B5A2		SMU5/B5B2		SMU5/B5C2		SMU5/B5D2		SMU5/B5E2	
	SAMPLE NUMBER	B-5G2*II-2		B-5H2*II-2		B-16B2*II-1		B-16C2*II-1		B-16D2*II-1		B-16E2*II-1		B-DUP1*II-1		B-DUP1*II-1		B-5A2*II-1		B-5B2*II-1		B-5C2*II-1		B-5D2*II-1		B-5E2*II-1	
	COLLECT DATE	5/5/94		5/5/94		7/21/93		7/21/93		7/21/93		7/21/93		7/22/93		7/22/93		7/28/93		7/28/93		7/28/93		7/28/93		7/28/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.23	J	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	4,4'-DDE	0.23	J	0.017	J	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	4,4'-DDT	0.81	U	0.048	J	0.0038	U	0.0038	U	0.024		0.0034	U	NA		0.0034	U	0.0079	J	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	ALDRIN	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	ALPHA-BHC	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	ALPHA-CHLORDANE	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.025		0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	BETA-BHC	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	CHLOROBENZILATE	4.2	U	0.019	U	0.019	U	0.02	U	0.019	U	0.018	U	NA		0.046	J	0.02	U	0.36	U	2.3	U	0.019	U	0.018	U
8080S	DELTA-BHC	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	DIELDRIN	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	ENDOSULFAN I	0.42	U	0.0018	J	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	ENDOSULFAN II	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	ENDOSULFAN SULFATE	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	ENDRIN	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	ENDRIN ALDEHYDE	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	GAMMA-BHC	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	GAMMA-CHLORDANE	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.022	J	0.036	U	0.3	J	0.0019	U	0.0018	U
8080S	HEPTACHLOR	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.002	U	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	HEPTACHLOR EPOXIDE	0.42	U	0.0019	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	NA		0.0018	U	0.0048	J	0.036	U	0.23	U	0.0019	U	0.0018	U
8080S	ISODRIN	0.81	U	0.0037	U	0.0038	U	0.0038	U	0.0037	U	0.0034	U	NA		0.0034	U	0.0038	U	0.07	U	0.44	U	0.0037	U	0.0034	U
8080S	KEPONE	4.2	U	0.019	U	0.019	U	0.02	U	0.019	U	0.018	U	NA		0.018	U	0.02	U	0.36	U	2.3	U	0.019	U	0.018	U
8080S	METHOXYCHLOR	160		0.031		0.019	U	0.02	U	0.019	U	0.033	J	NA		0.018	U	0.02	U	1.7	J	1800		0.019	U	0.018	U
8080S	PCB-1016	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.038	U	0.7	U	4.4	U	0.037	U	0.034	U
8080S	PCB-1221	16	U	0.075	U	0.076	U	0.077	U	0.075	U	0.07	U	NA		0.07	U	0.077	U	1.4	U	8.9	U	0.075	U	0.07	U
8080S	PCB-1232	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.038	U	0.7	U	4.4	U	0.037	U	0.034	U
8080S	PCB-1242	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.038	U	0.7	U	4.4	U	0.037	U	0.034	U
8080S	PCB-1248	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.038	U	0.7	U	4.4	U	0.037	U	0.034	U
8080S	PCB-1254	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.14	J	0.7	U	4.4	U	0.037	U	0.034	U
8080S	PCB-1260	8.1	U	0.037	U	0.038	U	0.038	U	0.037	U	0.034	U	NA		0.034	U	0.038	U	0.7	U	4.4	U	0.037	U	0.034	U
8080S	TOXAPHENE	42	U	0.19	U	0.19	U	0.2	U	0.19	U	0.18	U	NA		0.18	U	0.2	U	3.6	U	23	U	0.19	U	0.18	U
8140S	DIMETHOATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	2.2	U	0.37	U	0.34	U
8140S	DISULFOTON	NA		NA		NA		NA		NA		NA		NA		NA		0.15	U	0.14	U	0.87	U	0.15	U	0.14	U
8140S	ETHYL PARATHION	NA		NA		NA		NA		NA		NA		NA		NA		0.038	U	0.035	U	0.22	U	0.037	U	0.034	U
8140S	FAMPHUR	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	2.2	U	0.37	U	0.34	U
8140S	METHYL PARATHION	NA		NA		NA		NA		NA		NA		NA		NA		0.02	U	0.018	U	0.11	U	0.019	U	0.018	U
8140S	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8140S	PHORATE	NA		NA		NA		NA		NA		NA		NA		NA		0.038	U	0.035	U	0.22	U	0.037	U	0.034	U
8140S	SULFOTEPP	NA		NA		NA		NA		NA		NA		NA		NA		0.02	U	0.018	U	0.11	U	0.019	U	0.018	U
8140S	THIONAZIN	NA		NA		NA		NA		NA		NA		NA		NA		0.038	U	0.035	U	0.22	U	0.037	U	0.034	U
8150S	2,4,5-T	NA		NA		NA		NA		NA		NA		NA		NA		0.019	U	0.018	U	0.11	U	0.019	U	0.018	U
8150S	2,4,5-TP (SILVEX)	NA		NA		NA		NA		NA		NA		NA		NA		0.019	U	0.018	U	0.11	U	0.019	U	0.018	U
8150S	2,4-D	NA		NA		NA		NA		NA		NA		NA		NA		0.019	U	0.018	U	0.11	U	0.019	U	0.018	U
8150S	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,1,1-TRICHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,1,2,2-TETRACHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,1,2-TRICHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,1-DICHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,1-DICHLOROETHENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,2,3-TRICHLOROPROPANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	1,2-DIBROMOETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,2-DICHLOROETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	1,2-DICHLOROPROPANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	2-BUTANONE	NA		NA		0.028	U	0.029	U	0.028	U	0.026	U	NA		0.026	U	0.029	U	0.027	U	4.2	U	0.028	U	0.026	U
8240S	2-CHLORO-1,3-BUTADIENE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	2-HEXANONE	NA		NA		0.028	U	0.029	U	0.028	U	0.026	U	NA		0.026	U	0.029	U	0.027	U	4.2	U	0.028	U	0.026	U
8240S	3-CHLOROPROPENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	4-METHYL-2-PENTANONE	NA		NA		0.028	U	0.029	U	0.028	U	0.026	U	NA		0.026	U	0.029	U	0.027	U	4.2	U	0.028	U	0.026	U
8240S	ACETONE	NA		NA		0.028	U	0.029	U	0.028	U	0.026	U	NA		0.026	U	0.029	U	0.027	U	4.2	U	0.028	U	0.026	U
8240S	ACETONITRILE	NA		NA		0.23	U	0.23	U	0.22	U	0.21	U	NA		0.21	U	0.23	U	0.21	U	33	U	0.22	U	0.21	U
8240S	ACROLEIN	NA		NA		0.23	U	0.23	U	0.22	U	0.21	U	NA		0.21	U	0.23	U	0.21	U	33	U	0.22	U	0.21	U
8240S	ACRYLONITRILE	NA		NA		0.11	U	0.11	U	0.11	U	0.1	U	NA		0.1	U	0.11	U	0.11	U	17	U	0.11	U	0.1	U
8240S	BENZENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	BROMODICHLOROMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	BROMOFORM	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	BROMOMETHANE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	CARBON DISULFIDE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	CARBON TETRACHLORIDE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	CHLOROBENZENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	510		0.0056	U	0.0067	J
8240S	CHLOROETHANE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	CHLOROFORM	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	CHLOROMETHANE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	CIS-1,3-DICHLOROPROPENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	DIBROMOCHLOROMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	DIBROMOMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	DICHLORODIFLUOROMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	ETHYL METHACRYLATE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	ETHYLBENZENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	IODOMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	ISOBUTANOL	NA		NA		R		1.1	U	R		R		NA		R		R		R		R		R		R	
8240S	M&P-XYLENE	NA		NA		0.0057	U	0.0057	U	0.008	J	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	11	J	0.0056	U	0.006	J
8240S	METHACRYLONITRILE	NA		NA		0.11	U	0.11	U	0.11	U	0.1	U	NA		0.1	U	0.11	U	0.11	U	17	U	0.11	U	0.1	U
8240S	METHYL METHACRYLATE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	METHYLENE CHLORIDE	NA		NA		0.0057	U	0.0096	J	0.012	J	0.0086		NA		0.0054		0.0057	U	0.011	U	1.3	J	0.0056	U	0.016	U
8240S	O-XYLENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	6.7	J	0.0056	U	0.0052	U
8240S	PENTACHLOROETHANE	NA		NA		0.028	U	0.029	U	0.028	U	0.026	U	NA		0.026	U	0.029	U	0.027	U	4.2	U	0.028	U	0.026	U
8240S	PROPANENITRILE	NA		NA		0.23	U	0.23	U	0.22	U	0.21	U	NA		0.21	U	0.23	U	0.21	U	33	U	0.22	U	0.21	U
8240S	STYRENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	TETRACHLOROETHENE	NA		NA		0.0057	U	0.0057	U	0.0099	J	0.0052	U	NA		0.0072	J	0.0057	U	0.0053	U	2.1		0.0056	U	0.0052	U
8240S	TOLUENE	NA		NA		0.0057	U	0.0057	U	0.011	J	0.0052	U	NA		0.0069	J	0.0057	U	0.0053	U	100		0.0056	U	0.0052	U
8240S	TRANS-1,2-DICHLOROETHENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	TRANS-1,3-DICHLOROPROPENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	R		0.0056	U	0.0052	U
8240S	TRICHLOROETHENE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	TRICHLOROFLUOROMETHANE	NA		NA		0.0057	U	0.0057	U	0.0056	U	0.0052	U	NA		0.0052	U	0.0057	U	0.0053	U	0.83	U	0.0056	U	0.0052	U
8240S	VINYL ACETATE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
8240S	VINYL CHLORIDE	NA		NA		0.011	U	0.011	U	0.011	U	0.01	U	NA		0.01	U	0.011	U	0.011	U	1.7	U	0.011	U	0.01	U
824DS	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	ISOBUTANOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
824DS	METHACRYLONITRILE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	1,2,4,5-TETRACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,2,4-TRICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,2-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,3,5-TRINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,3-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,3-DINITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,4-DICHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1,4-NAPHTHOQUINONE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	1-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,3,4,6-TETRACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U	1.9	U	1.8	U
8270S	2,4,5-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U	1.9	U	1.8	U
8270S	2,4,6-TRICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,4-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,4-DIMETHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,4-DINITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U	1.9	U	1.8	U
8270S	2,4-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,6-DICHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2,6-DINITROTOLUENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2-ACETYLAMINOFLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2-CHLORONAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2-CHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.24	J	0.37	U	0.34	U
8270S	2-METHYLNAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.02	J	0.11	J	0.37	U	0.34	U
8270S	2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2-NAPHTHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U
8270S	2-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	0.92	J	1.9	U	1.8	U
8270S	2-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U	0.37	U	0.34	U

All results in mg/kg (ppm).
U - Undetected result.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4	
	LOCATOR	SMU-5/5G2		SMU-5/5H2		SMU16/B16B2		SMU16/B16C2		SMU16/B16D2		SMU16/B16E2		SMU16/B16E2		SMU16/B16E2		SMU5/B5A2		SMU5/B5B2		SMU5/B5C2	
	SAMPLE NUMBER	B-5G2*II-2		B-5H2*II-2		B-16B2*II-1		B-16C2*II-1		B-16D2*II-1		B-16E2*II-1		B-DUP1*II-1		B-DUP1*II-1		B-5A2*II-1		B-5B2*II-1		B-5C2*II-1	
	COLLECT DATE	5/5/94		5/5/94		7/21/93		7/21/93		7/21/93		7/21/93		7/22/93		7/22/93		7/28/93		7/28/93		7/28/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	2-PICOLINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	3&4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.028	J	0.44	U
8270S	3,3'-DICHLOROBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.76	U	0.7	U	0.88	U
8270S	3,3'-DIMETHYLBENZIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.21	U	0.27	U
8270S	3-METHYLCHOLANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.21	U	0.27	U
8270S	3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	4,6-DINITRO-2-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	4-AMINOBIPHENYL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	4-BROMOPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	4-CHLORO-3-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	4-CHLOROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		0.098	J	0.78		0.19	J
8270S	4-CHLOROPHENYL-PHENYLETHER	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	4-METHYLPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	4-NITROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	4-NITROQUINOLINE-N-OXIDE	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R	
8270S	5-NITRO-O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.21	U	0.27	U
8270S	ACENAPHTHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.053	J	0.41	J
8270S	ACENAPHTHYLENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.068	J	0.44	U
8270S	ACETOPHENONE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	ANILINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.032	J	0.25	J	0.44	U
8270S	ARAMITE	NA		NA		NA		NA		NA		NA		NA		NA		R		R		R	
8270S	BENZO(A)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.14	J	0.65	J	1.2	J
8270S	BENZO(A)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.14	J	0.56	J	1.2	J
8270S	BENZO(B)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.19	J	0.77	J	1.9	J
8270S	BENZO(G,H,I)PERYLENE	NA		NA		NA		NA		NA		NA		NA		NA		0.087	J	0.32	J	0.74	J
8270S	BENZO(K)FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.067	J	0.12	J	0.94	J
8270S	BENZYL ALCOHOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	BIS(2-CHLOROETHOXY)METHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	BIS(2-CHLOROETHYL)ETHER	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.1	J	1.1	J	160	J
8270S	BUTAZOLIDIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.074	J	0.44	U
8270S	CHLOROBENZILATE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	NA		NA		NA		NA		NA		NA		NA		NA		0.13	J	0.51	J	1.3	J
8270S	DCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DI-N-BUTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	DI-N-OCTYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.13	J	89	
8270S	DIALLATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	DIBENZ(A,H)ANTHRACENE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.21	U	0.27	U
8270S	DIBENZOFURAN	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.04	J	0.44	U
8270S	DIETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	DIMETHYLPHENETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	DIMETHYLPHTHALATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	DINOSEB	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	DIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.14	J
8270S	ETHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		0.034	U	0.032	U	0.04	U
8270S	FLUORANTHENE	NA		NA		NA		NA		NA		NA		NA		NA		0.27	J	1.1		0.94	
8270S	FLUORENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.079	J	0.54	
8270S	HEXACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	HEXACHLOROBUTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	HEXACHLOROCYCLOPENTADIENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	HEXACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	HEXACHLOROPHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	INDENO(1,2,3-CD)PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.096	J	0.34	J	0.27	U
8270S	IRGASAN DP-300	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	ISOPHORONE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	ISOSAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	METHAPYRILENE	NA		NA		NA		NA		NA		NA		NA		NA		3.8	U	3.5	U	4.4	U
8270S	METHYL METHANESULFONATE	NA		NA		NA		NA		NA		NA		NA		NA		0.034	U	0.032	U	0.04	U
8270S	N-NITROSO-DI-N-BUTYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.34	U	0.32	U	0.4	U
8270S	N-NITROSO-DI-N-PROPYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.23	U	0.21	U	0.27	U
8270S	N-NITROSODIETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.015	U	0.014	U	0.017	U
8270S	N-NITROSODIMETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.056	U	0.052	U	0.065	U
8270S	N-NITROSODIPHENYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	N-NITROSOMORPHOLINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	N-NITROSOPIPERIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	N-NITROSOPYRROLIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	NAPHTHALENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.091	J	32	
8270S	NITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	O-TOLUIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	P-DIMETHYLAMINOAZOBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.034	U	0.032	U	0.04	U
8270S	P-PHENYLENEDIAMINE	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	PENTACHLOROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	PENTACHLOROETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	PENTACHLOROPHENOL	NA		NA		NA		NA		NA		NA		NA		NA		2	U	1.8	U	2.3	U
8270S	PHENACETIN	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	PHENANTHRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.12	J	0.87		2.3	
8270S	PHENOL	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	5	
8270S	PRONAMIDE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	PROPAZINE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PYRENE	NA		NA		NA		NA		NA		NA		NA		NA		0.35	J	1.9	J	6.4	J
8270S	PYRIDINE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	SAFROLE	NA		NA		NA		NA		NA		NA		NA		NA		0.38	U	0.35	U	0.44	U
8270S	TINUVIN 327	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TOFRANIL	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDD	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDF	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		NA		NA		NA		NA		0.000078	U	0.000074	U	NA		NA		NA		0.0029	U
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		NA		NA		NA		NA		0.00005	U	0.00016	U	NA		NA		NA		0.00039	U
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		NA		NA		NA		NA		0.000068	U	0.00021	U	NA		NA		NA		0.00053	U
SOWZS	1,2,3,4,7,8-HXCDD	NA		NA		NA		NA		NA		0.00011	U	0.00012	U	NA		NA		NA		0.001	U
SOWZS	1,2,3,4,7,8-HXCDF	NA		NA		NA		NA		NA		0.000087	U	0.00022	U	NA		NA		NA		0.00038	U
SOWZS	1,2,3,6,7,8-HXCDD	NA		NA		NA		NA		NA		0.0001	U	0.00011	U	NA		NA		NA		0.001	U
SOWZS	1,2,3,6,7,8-HXCDF	NA		NA		NA		NA		NA		0.000075	U	0.00019	U	NA		NA		NA		0.00035	U
SOWZS	1,2,3,7,8,9-HXCDD	NA		NA		NA		NA		NA		0.0001	U	0.00011	U	NA		NA		NA		0.001	U
SOWZS	1,2,3,7,8,9-HXCDF	NA		NA		NA		NA		NA		0.0001	U	0.00025	U	NA		NA		NA		0.00046	U
SOWZS	1,2,3,7,8-PECDD	NA		NA		NA		NA		NA		0.0001	U	0.000091	U	NA		NA		NA		0.00075	U
SOWZS	1,2,3,7,8-PECDF	NA		NA		NA		NA		NA		0.000073	U	0.000067	U	NA		NA		NA		0.00084	U
SOWZS	2,3,4,6,7,8-HXCDF	NA		NA		NA		NA		NA		0.000087	U	0.00022	U	NA		NA		NA		0.0004	U
SOWZS	2,3,4,7,8-PECDF	NA		NA		NA		NA		NA		0.000075	U	0.000069	U	NA		NA		NA		0.0009	U
SOWZS	2,3,7,8-TCDD	NA		NA		NA		NA		NA		0.00007	U	0.00006	U	NA		NA		NA		0.00049	U
SOWZS	2,3,7,8-TCDF	NA		NA		NA		NA		NA		0.000051	U	0.000047	U	NA		NA		NA		0.00073	U
SOWZS	HPCDD	NA		NA		NA		NA		NA		0.000078	U	0.000074	U	NA		NA		NA		0.0029	U
SOWZS	HPCDF	NA		NA		NA		NA		NA		0.00005	U	0.00016	U	NA		NA		NA		0.00039	U
SOWZS	HXCDD	NA		NA		NA		NA		NA		0.0001	U	0.00011	U	NA		NA		NA		0.001	U
SOWZS	HXCDF	NA		NA		NA		NA		NA		0.000075	U	0.00019	U	NA		NA		NA		0.00035	U
SOWZS	OCDD	NA		NA		NA		NA		NA		0.00028	U	0.00027	U	NA		NA		NA		0.0039	J
SOWZS	OCDF	NA		NA		NA		NA		NA		0.00018	U	0.00018	U	NA		NA		NA		0.00053	U
SOWZS	PECDD	NA		NA		NA		NA		NA		0.0001	U	0.000091	U	NA		NA		NA		0.00075	U
SOWZS	PECDF	NA		NA		NA		NA		NA		0.000073	U	0.000067	U	NA		NA		NA		0.00084	U
SOWZS	TCDD	NA		NA		NA		NA		NA		0.00007	U	0.00006	U	NA		NA		NA		0.00049	U
SOWZS	TCDF	NA		NA		NA		NA		NA		0.000051	U	0.000047	U	NA		NA		NA		0.00073	U

All results in mg/kg (ppm).
U - Undetected result.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
DEEP SOIL
ORGANIC DATA

	SITE	2 to 4		2 to 4		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		8 to 10	
	LOCATOR	SMU5/B5F2		SMU9/B9B2		AO116/B16A		F04L/B22		SMU16/B16B3		SMU16/B16C3		SMU16/B16D3		SMU9/B9A3		SMU9/B9A3		SMU9/B9A3		F04L/B22	
	SAMPLE NUMBER	B-5F2*II-1		B-9B2*II-1		B-16A*IB-2		SS-B22-A*IB-1		B-16B3*II-1		B-16C3*II-1		B-16D3*II-1		B-9A3*II-1		B-DUP5*II-1		B-DUP5*II-1		SS-B22-B*IB-1	
	COLLECT DATE	7/29/93		7/27/93		3/13/91		12/5/90		7/21/93		7/21/93		7/21/93		7/27/93		7/27/93		7/27/93		12/5/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.0036	U	0.017		0.0011	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	4,4'-DDE	0.0036	J	0.0042	J	0.0011	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	4,4'-DDT	0.01	J	0.0084	J	0.0022	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0076	J	NA	
8080S	ALDRIN	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	ALPHA-BHC	0.0018	U	0.0019	U	0.0016		NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	ALPHA-CHLORDANE	0.021		0.0022	J	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	BETA-BHC	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	CHLOROBENZILATE	0.018	U	0.019	U	NA		NA		0.018	U	0.018	U	0.017	U	0.02	U	NA		0.02	U	NA	
8080S	DELTA-BHC	0.0018	U	0.0019	U	0.0022		NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	DIELDRIN	0.0036	U	0.0055	J	0.0011	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	ENDOSULFAN I	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	ENDOSULFAN II	0.0036	U	0.0037	U	0.0033	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	ENDOSULFAN SULFATE	0.0036	U	0.0074	J	0.0055	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	ENDRIN	0.0036	U	0.0037	U	0.0011	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	ENDRIN ALDEHYDE	0.0036	U	0.0039	J	0.0022	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	GAMMA-BHC	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	GAMMA-CHLORDANE	0.017	J	0.0024	J	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	HEPTACHLOR	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	HEPTACHLOR EPOXIDE	0.0018	U	0.0019	U	0.0011	U	NA		0.0018	U	0.0018	U	0.0017	U	0.002	U	NA		0.002	U	NA	
8080S	ISODRIN	0.0036	U	0.0037	U	0.0011	U	NA		0.0034	U	0.0034	U	0.0034	U	0.0038	U	NA		0.0039	U	NA	
8080S	KEPONE	0.018	U	0.019	U	0.0011	U	NA		0.018	U	0.018	U	0.017	U	0.02	U	NA		0.02	U	NA	
8080S	METHOXYCHLOR	0.019	J	1.1		0.0055	U	NA		0.018	U	0.018	U	0.017	U	0.067		NA		0.11	J	NA	
8080S	PCB-1016	0.036	U	0.037	U	0.011	U	NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	PCB-1221	0.073	U	0.075	U	0.022	U	NA		0.07	U	0.07	U	0.068	U	0.078	U	NA		0.079	U	NA	
8080S	PCB-1232	0.036	U	0.037	U	0.022	U	NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	PCB-1242	0.036	U	0.037	U	0.011	U	NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	PCB-1248	0.036	U	0.037	U	0.011	U	NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	PCB-1254	0.036	U	0.037	U	0.029		NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	PCB-1260	0.036	U	0.037	U	0.022	U	NA		0.034	U	0.034	U	0.034	U	0.038	U	NA		0.039	U	NA	
8080S	TOXAPHENE	0.18	U	0.19	U	0.055	U	NA		0.18	U	0.18	U	0.17	U	0.2	U	NA		0.2	U	NA	
8142S	DIMETHOATE	0.36	U	0.37	U	0.11	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8142S	DISULFOTON	0.14	U	0.15	U	0.11	U	NA		NA		NA		NA		0.15	U	NA		0.15	U	NA	
8142S	ETHYL PARATHION	0.036	U	0.037	U	0.082	U	NA		NA		NA		NA		0.038	U	NA		0.039	U	NA	
8142S	FAMPHUR	0.36	U	0.37	U	0.27	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8142S	METHYL PARATHION	0.018	U	0.019	U	0.016	U	NA		NA		NA		NA		0.02	U	NA		0.02	U	NA	
8142S	O,O,O-TRIETHYLPHOSPHORTHIOATE	NA		NA		0.55	U	NA		NA		NA		NA		NA		NA		NA		NA	
8142S	PHORATE	0.036	U	0.037	U	0.082	U	NA		NA		NA		NA		0.038	U	NA		0.039	U	NA	
8142S	SULFOTEPP	0.018	U	0.019	U	0.055	U	NA		NA		NA		NA		0.02	U	NA		0.02	U	NA	
8142S	THIONAZIN	0.036	U	0.037	U	0.55	U	NA		NA		NA		NA		0.038	U	NA		0.039	U	NA	
8151S	2,4,5-T	0.018	U	NA		0.022	U	NA		NA		NA		NA		NA		NA		NA		NA	
8151S	2,4,5-TP (SILVEX)	0.018	U	NA		0.018	U	NA		NA		NA		NA		NA		NA		NA		NA	
8151S	2,4-D	0.018	U	NA		0.13	U	NA		NA		NA		NA		NA		NA		NA		NA	
8151S	DINOSEB	NA		NA		0.016	U	NA		NA		NA		NA		NA		NA		NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,1,1-TRICHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,1,2-TRICHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,1-DICHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,1-DICHLOROETHENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,2,3-TRICHLOROPROPANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.011	U	0.011	U	0.44	U	0.43	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.51	U
8240S	1,2-DIBROMOETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,2-DICHLOROETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	1,2-DICHLOROPROPANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	2-BUTANONE	0.027	U	0.028	U	0.22	U	0.22	U	0.026	U	0.026	U	0.026	U	0.029	U	NA		0.029	U	0.25	U
8240S	2-CHLORO-1,3-BUTADIENE	0.011	U	0.011	U	0.55	U	0.54	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.63	U
8240S	2-HEXANONE	0.027	U	0.028	U	0.22	U	0.22	U	0.026	U	0.026	U	0.026	U	0.029	U	NA		0.029	U	0.25	U
8240S	3-CHLOROPROPENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	4-METHYL-2-PENTANONE	0.027	U	0.028	U	0.22	U	0.22	U	0.026	U	0.026	U	0.026	U	0.029	U	NA		0.029	U	0.25	U
8240S	ACETONE	0.027	U	0.028	U	0.22	U	0.22	U	0.026	U	0.026	U	0.026	U	0.029	U	NA		0.029	U	0.25	U
8240S	ACETONITRILE	0.22	U	0.22	U	0.44	U	0.43	U	0.21	U	0.21	U	0.2	U	0.23	U	NA		0.24	U	0.51	U
8240S	ACROLEIN	0.22	U	0.22	U	R		R		0.21	U	0.21	U	0.2	U	0.23	U	NA		0.24	U	R	
8240S	ACRYLONITRILE	0.11	U	0.11	U	1.1	U	1.1	U	0.1	U	0.1	U	0.1	U	0.12	U	NA		0.12	U	1.3	U
8240S	BENZENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	BROMODICHLOROMETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	BROMOFORM	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	BROMOMETHANE	0.011	U	0.011	U	0.22	U	0.22	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.25	U
8240S	CARBON DISULFIDE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	CARBON TETRACHLORIDE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	CHLOROBENZENE	0.0054	U	0.007	J	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	CHLOROETHANE	0.011	U	0.011	U	0.22	U	0.22	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.25	U
8240S	CHLOROFORM	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	CHLOROMETHANE	0.011	U	0.011	U	0.22	U	0.22	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.25	U
8240S	CIS-1,3-DICHLOROPROPENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	DIBROMOCHLOROMETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	DIBROMOMETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	DICHLORODIFLUOROMETHANE	0.0054	U	0.0056	U	0.44	U	0.43	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.51	U
8240S	ETHYL METHACRYLATE	0.0054	U	0.0056	U	0.22	U	0.22	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.25	U
8240S	ETHYLBENZENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	IODOMETHANE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	ISOBUTANOL	R		R		NA		NA		R		R		R		R		NA		R		NA	
8240S	M&P-XYLENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.011		0.0058	U	NA		0.0059	U	0.13	U
8240S	METHACRYLONITRILE	0.11	U	0.11	U	NA		NA		0.1	U	0.1	U	0.1	U	0.12	U	NA		0.12	U	NA	
8240S	METHYL METHACRYLATE	0.0054	U	0.0056	U	0.22	U	0.22	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.25	U
8240S	METHYLENE CHLORIDE	0.0079		0.0056	U	0.39	U	0.11	U	0.0052	U	0.0052	U	0.0083		0.0058	U	NA		0.0059	U	0.13	U
8240S	O-XYLENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	PENTACHLOROETHANE	0.027	U	0.028	U	NA		NA		0.026	U	0.026	U	0.026	U	0.029	U	NA		0.029	U	NA	
8240S	PROPANENITRILE	0.22	U	0.22	U	2.2	U	2.2	U	0.21	U	0.21	U	0.2	U	0.23	U	NA		0.24	U	2.5	U
8240S	STYRENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	TETRACHLOROETHENE	0.0089		0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.012		0.0058	U	NA		0.0059	U	0.13	U
8240S	TOLUENE	0.0054	U	0.0056	U	0.028	J	0.11	U	0.0052	U	0.0052	U	0.0085		0.0058	U	NA		0.0059	U	0.13	U
8240S	TRANS-1,2-DICHLOROETHENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	TRANS-1,3-DICHLOROPROPENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.0054	U	0.0056	U	0.22	U	0.22	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.25	U
8240S	TRICHLOROETHENE	0.0054	U	0.0056	U	0.11	U	0.11	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.13	U
8240S	TRICHLOROFLUOROMETHANE	0.0054	U	0.0056	U	0.22	U	0.22	U	0.0052	U	0.0052	U	0.0051	U	0.0058	U	NA		0.0059	U	0.25	U
8240S	VINYL ACETATE	0.011	U	0.011	U	0.11	U	0.11	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.13	U
8240S	VINYL CHLORIDE	0.011	U	0.011	U	0.22	U	0.22	U	0.01	U	0.01	U	0.01	U	0.012	U	NA		0.012	U	0.25	U
824DS	1,4-DIOXANE	NA		NA		11	U	11	U	NA		NA		NA		NA		NA		NA		13	U
824DS	ISOBUTANOL	NA		NA		11	U	11	U	NA		NA		NA		NA		NA		NA		13	U
824DS	METHACRYLONITRILE	NA		NA		11	U	11	U	NA		NA		NA		NA		NA		NA		13	U
8270S	1,2,4,5-TETRACHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,2,4-TRICHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,2-DICHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,3,5-TRINITROBENZENE	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,3-DICHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,3-DINITROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,4-DICHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,4-DIOXANE	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1,4-NAPHTHOQUINONE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	1-NAPHTHYLAMINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,3,4,6-TETRACHLOROPHENOL	1.8	U	1.9	U	2.1	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	2,4,5-TRICHLOROPHENOL	1.8	U	1.9	U	1.1	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	2,4,6-TRICHLOROPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,4-DICHLOROPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,4-DIMETHYLPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,4-DINITROPHENOL	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	2,4-DINITROTOLUENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,6-DICHLOROPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2,6-DINITROTOLUENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-ACETYLAMINOFLUORENE	0.36	U	0.37	U	5.3	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-CHLORONAPHTHALENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-CHLOROPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-METHYLNAPHTHALENE	0.36	U	0.018	J	1.1	U	NA		NA		NA		NA		0.01	J	NA		0.017	J	NA	
8270S	2-METHYLPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-NAPHTHYLAMINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	2-NITROANILINE	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	2-NITROPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	

All results in mg/kg (ppm).
U - Undetected result.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK, RI
DEEP SOIL
ORGANIC DATA

	SITE	2 to 4		2 to 4		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		4 to 6		8 to 10	
	LOCATOR	SMU5/B5F2		SMU9/B9B2		AOI16/B16A		F04L/B22		SMU16/B16B3		SMU16/B16C3		SMU16/B16D3		SMU9/B9A3		SMU9/B9A3		SMU9/B9A3		F04L/B22	
	SAMPLE NUMBER	B-5F2*II-1		B-9B2*II-1		B-16A*IB-2		SS-B22-A*IB-1		B-16B3*II-1		B-16C3*II-1		B-16D3*II-1		B-9A3*II-1		B-DUP6*II-1		B-DUP5*II-1		SS-B22-B*IB-1	
	COLLECT DATE	7/29/93		7/27/93		3/13/91		12/5/90		7/21/93		7/21/93		7/21/93		7/27/93		7/27/93		7/27/93		12/5/90	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8270S	2-PICOLINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	3&4-METHYLPHENOL	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	3,3'-DICHLOROBENZIDINE	0.72	U	0.74	U	2.1	U	NA		NA		NA		NA		0.77	U	NA		0.78	U	NA	
8270S	3,3'-DIMETHYLBENZIDINE	0.22	U	0.22	U	2.1	U	NA		NA		NA		NA		0.23	U	NA		0.24	U	NA	
8270S	3-METHYLCHOLANTHRENE	0.22	U	0.22	U	1.1	U	NA		NA		NA		NA		0.23	U	NA		0.24	U	NA	
8270S	3-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	3-NITROANILINE	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	4,6-DINITRO-2-METHYLPHENOL	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	4-AMINOBIPHENYL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	4-BROMOPHENYL-PHENYLETHER	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	4-CHLORO-3-METHYLPHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	4-CHLOROANILINE	0.72	U	0.74	U	1.1	U	NA		NA		NA		NA		0.77	U	NA		0.78	U	NA	
8270S	4-CHLOROPHENYL-PHENYLETHER	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	4-METHYLPHENOL	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	4-NITROANILINE	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	4-NITROPHENOL	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	4-NITROQUINOLINE-N-OXIDE	R		R		R		NA		NA		NA		NA		R		NA		R		NA	
8270S	5-NITRO-O-TOLUIDINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	0.22	U	0.22	U	5.3	U	NA		NA		NA		NA		0.23	U	NA		0.24	U	NA	
8270S	ACENAPHTHENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ACENAPHTHYLENE	0.36	U	0.16	J	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.042	J	NA	
8270S	ACETOPHENONE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ANILINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ANTHRACENE	0.1	J	0.24	J	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ARAMITE	R		R		11	U	NA		NA		NA		NA		R		NA		R		NA	
8270S	BENZO(A)ANTHRACENE	0.066	J	1	J	1.1	U	NA		NA		NA		NA		0.094	J	NA		0.11	J	NA	
8270S	BENZO(A)PYRENE	0.054	J	1.1	J	1.1	U	NA		NA		NA		NA		0.067	J	NA		0.06	J	NA	
8270S	BENZO(B)FLUORANTHENE	0.07	J	1.6	J	1.1	U	NA		NA		NA		NA		0.16	J	NA		0.18	J	NA	
8270S	BENZO(G,H,I)PERYLENE	0.36	U	0.62	J	1.1	U	NA		NA		NA		NA		0.14	J	NA		0.13	J	NA	
8270S	BENZO(K)FLUORANTHENE	0.25	U	0.48	J	1.1	U	NA		NA		NA		NA		0.062	J	NA		0.064	J	NA	
8270S	BENZYL ALCOHOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	BIS(2-CHLOROETHOXY)METHANE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	BIS(2-CHLOROETHYL)ETHER	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	0.3	J	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	BUTAZOLIDIN	NA		NA		R		NA		NA		NA		NA		NA		NA		NA		NA	
8270S	BUTYLBENZYLPHTHALATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	CHLOROBENZILATE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	CHRYSENE	0.061	J	1.1	J	1.1	U	NA		NA		NA		NA		0.14	J	NA		0.16	J	NA	
8270S	DCDD	NA		NA		2.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DCDF	NA		NA		2.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	DI-N-BUTYLPHTHALATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DI-N-OCTYLPHTHALATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DIALLATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DIBENZ(A,H)ANTHRACENE	0.22	U	0.074	J	1.1	U	NA		NA		NA		NA		0.046	J	NA		0.045	J	NA	
8270S	DIBENZOFURAN	0.36	U	0.034	J	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.036	J	NA	
8270S	DIETHYLPHTHALATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DIMETHYLPHENETHYLAMINE	1.8	U	1.9	U	1.1	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	DIMETHYLPHTHALATE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DINOSEB	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	DIPHENYLAMINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ETHYL METHANESULFONATE	0.033	U	0.034	U	1.1	U	NA		NA		NA		NA		0.035	U	NA		0.035	U	NA	
8270S	FLUORANTHENE	0.1	J	1.6		1.1	U	NA		NA		NA		NA		0.2	J	NA		0.26	J	NA	
8270S	FLUORENE	0.36	U	0.052	J	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	HEXACHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	HEXACHLOROBUTADIENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	HEXACHLOROCYCLOPENTADIENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	HEXACHLOROETHANE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	HEXACHLOROPHENE	NA		NA		210	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	HEXACHLOROPROPENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	INDENO(1,2,3-CD)PYRENE	0.22	U	0.76	J	1.1	U	NA		NA		NA		NA		0.15	J	NA		0.15	J	NA	
8270S	IRGASAN DP-300	NA		NA		5.3	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	ISOPHORONE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	ISOSAFROLE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	METHAPYRILENE	3.6	U	3.7	U	1.1	U	NA		NA		NA		NA		3.8	U	NA		3.9	U	NA	
8270S	METHYL METHANESULFONATE	0.033	U	0.034	U	1.1	U	NA		NA		NA		NA		0.035	U	NA		0.035	U	NA	
8270S	N-NITROSO-DI-N-BUTYLAMINE	0.33	U	0.34	U	1.1	U	NA		NA		NA		NA		0.35	U	NA		0.35	U	NA	
8270S	N-NITROSO-DI-N-PROPYLAMINE	0.22	U	0.22	U	1.1	U	NA		NA		NA		NA		0.23	U	NA		0.24	U	NA	
8270S	N-NITROSODIETHYLAMINE	0.014	U	0.015	U	1.1	U	NA		NA		NA		NA		0.015	U	NA		0.015	U	NA	
8270S	N-NITROSODIMETHYLAMINE	0.053	U	0.055	U	1.1	U	NA		NA		NA		NA		0.057	U	NA		0.058	U	NA	
8270S	N-NITROSODIPHENYLAMINE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	N-NITROSOMETHYLETHYLAMINE	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	N-NITROSOMORPHOLINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	N-NITROSOPIPERIDINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	N-NITROSOPYRROLIDINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	NAPHTHALENE	0.062	J	0.071	J	1.1	U	NA		NA		NA		NA		0.036	J	NA		0.39	U	NA	
8270S	NITROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	0.36	U	0.37	U	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	O-TOLUIDINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	P-DIMETHYLAMINOAZOBENZENE	0.033	U	0.034	U	1.1	U	NA		NA		NA		NA		0.035	U	NA		0.035	U	NA	
8270S	P-PHENYLENEDIAMINE	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	PENTACHLOROBENZENE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	PENTACHLOROETHANE	NA		NA		1.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PENTACHLORONITROBENZENE	0.36	U	0.37	U	R		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	PENTACHLOROPHENOL	1.8	U	1.9	U	5.3	U	NA		NA		NA		NA		2	U	NA		2	U	NA	
8270S	PHENACETIN	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	PHENANTHRENE	0.073	J	0.91		1.1	U	NA		NA		NA		NA		0.23	J	NA		0.32	J	NA	
8270S	PHENOL	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	PRONAMIDE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	PROPAZINE	NA		NA		5.3	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	PYRENE	0.17	J	2.8	J	1.1	U	NA		NA		NA		NA		0.17	J	NA		0.21	J	NA	
8270S	PYRIDINE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	SAFROLE	0.36	U	0.37	U	1.1	U	NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	TINUVIN 327	NA		NA		5.3	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TINUVIN 328	NA		0.55	J	NA		NA		NA		NA		NA		0.38	U	NA		0.39	U	NA	
8270S	TOFRANIL	NA		NA		5.3	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDD	NA		NA		2.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
8270S	TRCDF	NA		NA		2.1	U	NA		NA		NA		NA		NA		NA		NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDD	NA		0.000042	U	NA		NA		0.000057	U	NA		NA		0.00012	U	0.000039	U	NA		NA	
SOWZS	1,2,3,4,6,7,8-HPCDF	NA		0.000044	U	NA		NA		0.000064	U	NA		NA		0.00011	U	0.00005	U	NA		NA	
SOWZS	1,2,3,4,7,8,9-HPCDF	NA		0.000059	U	NA		NA		0.000086	U	NA		NA		0.00016	U	0.000065	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDD	NA		0.00007	U	NA		NA		0.00012	U	NA		NA		0.00016	U	0.000085	U	NA		NA	
SOWZS	1,2,3,4,7,8-HXCDF	NA		0.000043	U	NA		NA		0.000078	U	NA		NA		0.00014	U	0.000048	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDD	NA		0.000073	U	NA		NA		0.00011	U	NA		NA		0.00015	U	0.000087	U	NA		NA	
SOWZS	1,2,3,6,7,8-HXCDF	NA		0.00004	U	NA		NA		0.000067	U	NA		NA		0.00012	U	0.000044	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDD	NA		0.000065	U	NA		NA		0.00011	U	NA		NA		0.00015	U	0.000079	U	NA		NA	
SOWZS	1,2,3,7,8,9-HXCDF	NA		0.000051	U	NA		NA		0.00009	U	NA		NA		0.00016	U	0.000056	U	NA		NA	
SOWZS	1,2,3,7,8-PECDD	NA		0.000059	U	NA		NA		0.0001	U	NA		NA		0.0001	U	0.000056	U	NA		NA	
SOWZS	1,2,3,7,8-PECDF	NA		0.000037	U	NA		NA		0.000071	U	NA		NA		0.000072	U	0.000033	U	NA		NA	
SOWZS	2,3,4,6,7,8-HXCDF	NA		0.000045	U	NA		NA		0.000078	U	NA		NA		0.00014	U	0.00005	U	NA		NA	
SOWZS	2,3,4,7,8-PECDF	NA		0.00004	U	NA		NA		0.000074	U	NA		NA		0.000074	U	0.000035	U	NA		NA	
SOWZS	2,3,7,8-TCDD	NA		0.000029	U	0.000095	U	NA		0.000068	U	NA		NA		0.000081	U	0.000029	U	NA		NA	
SOWZS	2,3,7,8-TCDF	NA		0.000025	U	NA		NA		0.000052	U	NA		NA		0.000059	U	0.00002	U	NA		NA	
SOWZS	HPCDD	NA		0.000042	U	NA		NA		0.000057	U	NA		NA		0.00012	U	0.000039	U	NA		NA	
SOWZS	HPCDF	NA		0.000044	U	NA		NA		0.000064	U	NA		NA		0.00011	U	0.00005	U	NA		NA	
SOWZS	HXCDD	NA		0.000065	U	0.00013	U	NA		0.00011	U	NA		NA		0.00015	U	0.000079	U	NA		NA	
SOWZS	HXCDF	NA		0.00004	U	0.000092	U	NA		0.000067	U	NA		NA		0.00012	U	0.000044	U	NA		NA	
SOWZS	OCDD	NA		0.00018	F	NA		NA		0.00021	U	NA		NA		0.00054	U	0.00015	U	NA		NA	
SOWZS	OCDF	NA		0.000097	U	NA		NA		0.00012	U	NA		NA		0.00037	U	0.0001	U	NA		NA	
SOWZS	PECDD	NA		0.000059	U	0.000093	U	NA		0.0001	U	NA		NA		0.0001	U	0.000056	U	NA		NA	
SOWZS	PECDF	NA		0.000037	U	0.000058	U	NA		0.000071	U	NA		NA		0.000072	U	0.000033	U	NA		NA	
SOWZS	TCDD	NA		0.000069	U	0.000095	U	NA		0.000068	U	NA		NA		0.000081	U	0.000029	U	NA		NA	
SOWZS	TCDF	NA		0.000025	U	0.000057	U	NA		0.000052	U	NA		NA		0.000059	U	0.00002	U	NA		NA	

All results in mg/kg (ppm).
U - Undetected result.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.
F - Estimated maximum concentration.

WARWICK AREA
SHALLOW SOIL
INORGANIC DATA

	SITE	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	.5 to 1	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	0 to 2	1.5 to 2
	LOCATOR	AOI16/MW17S	AOI16/MW17S	SMU5/YY3	SMU5/ZZ3	SMU6/A1	SMU6/B1	SMU6/Y5	SMU6/Y5	SMU9/B2B	SMU9/C1	SMU9/C1	SMU9/C2	SMU9/ZZ1	SMU9/ZZ2	SMU5/B5A1	SMU5/B5B1	SMU5/B5C1	SMU5/B5D1	SMU5/B5E1	SMU5/B5F1	SMU5/A2
	SAMPLE NUMBER	SS-MW-17S*IB-1	SS-MW-17S*IB-2	SF-S5-YY3(S)*IB-2	SF-S5-ZZ3(D)*IB-2	SF-S6-A1*IB-2	SF-S6-B1*IB-2	SF-S6*IB-1	SF-S6*IB-2	SF-S9-B2(S)*IB-1	SF-S9-C1(S)*IB-1	SF-S9-C1(S)*IB-2	SF-S9-C2(S)*IB-1	SF-S9-ZZ1(S)*IB-2	SF-S9-ZZ2(S)*IB-2	B-5A1*II-1	B-5B1*II-1	B-5C1*II-1	B-5D1*II-1	B-5E1*II-1	B-5F1*II-1	SF-S5-A2(D)*IB-2
	COLLECT DATE	12/5/90	3/13/91	3/19/91	3/19/91	3/12/91	3/12/91	11/14/90	3/12/91	11/15/90	11/15/90	3/12/91	11/15/90	3/12/91	3/12/91	7/28/93	7/28/93	7/28/93	7/28/93	7/28/93	7/29/93	3/19/91
		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
6010S	BARIUM	13.4	12	15 J	81 J	17.8	18.6	17.3 J	16.4	34.6 J	7.3 J	7.6	85.5 J	21.4	20.3	296	156	102	11 J	249	46.6 J	11.8 J
6010S	BERYLLIUM	0.59	0.43	0.77 J	1.1 J	0.34	0.32	0.37	0.62	0.58	0.46	0.49	0.78	0.36	0.34	2	0.43	0.74	0.54	0.55	0.69 J	0.67 J
6010S	CADMIUM	0.4 U	0.45 U	0.46 U	3.1	0.3 U	0.41 U	0.57	2.3	0.5 U	0.3 U	0.41 U	0.42 U	0.38 U	0.5 U	0.35 U	0.25 U	4.3	0.3 U	0.28 J	0.24 U	0.53
6010S	CALCIUM	786 J	756	1580 J	1650 J	690	772	583 J	872	1060 J	363 J	575	2170 J	1140	1320	NA	NA	NA	NA	NA	NA	1110 J
6010S	CHROMIUM	5.8	4 J	5.2 J	264 J	9.9 J	9.8 J	7.4 J	7.8 J	7.9 J	1.3 J	2.7 J	20.7 J	8.9 J	10.8 J	18.9	16.9	171	11	13.1	20	5.1 J
6010S	COBALT	3.5	2.9	2.8	4.1	7.2	7.8	4.8	3.8	3.6	1.1	1	7.6	6.4	6.6	NA	NA	4.2 J	NA	2.7 J	NA	3
6010S	COPPER	6.4	4.8 J	3.9	1960	17.7 J	14.7 J	20.3	12.8 J	7.3	1.2 U	3.3 J	31.9	12.9 J	14.1 J	42.9	17.8	124	9.4	13.9	11.6	2.9
6010S	IRON	9430	8240	9030	17000	20000	17600	11700 J	11400	9900 J	4610 J	5430	14100 J	15600	15100	NA	NA	NA	NA	NA	NA	8990
6010S	MAGNESIUM	1300 J	881	1040	1490	3080 J	2880 J	1620	1430 J	1410	290	349 J	5360	2450 J	2490 J	NA	NA	NA	NA	NA	NA	949
6010S	MANGANESE	290 J	254 J	227 J	181 J	246 J	273 J	209 J	191 J	204 J	83.4 J	119 J	416 J	318 J	292 J	NA	NA	NA	NA	NA	NA	189 J
6010S	NICKEL	5.4 U	4.5	4.3	26	14.1	14.7	8.8 J	8.1	5.8 J	1.2 U	1.6 U	13.9 J	11.2	12.4	199	5.6	12.2	2.7 J	4	12.3	4.7
6010S	POTASSIUM	612 J	576 J	350	718	341 J	364 J	398 J	529 J	979 J	364 J	410 J	4630 J	446 J	494 J	NA	NA	NA	NA	NA	NA	331
6010S	SILVER	0.79 U	0.89 U	0.92 U	0.93 U	0.6 U	0.83 U	0.8 U	0.88 U	1 U	0.6 U	0.81 U	0.83 U	0.77 U	0.99 U	NA	NA	NA	NA	NA	NA	0.94 U
6010S	SODIUM	116 U	196	142	159	118	152	80 U	169	100 U	60 U	142	90.5 U	172	217	NA	NA	NA	NA	NA	NA	135
6010S	TIN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.7 U	8.4 U	13.6 U	4.4 U	7.3 U	1.6 U	NA
6010S	VANADIUM	5.9	11.5	8.1 U	15.4 U	12.5	12.4	10.1	12.7	10.5	1.7	3.1	15.9	14.5	19.6	NA	NA	11.1	NA	8.5	NA	7.9 U
6010S	ZINC	44.3	28.3 J	51.3 U	2650	56.7 J	111 J	850 J	2390 J	56.6 J	24.8 J	29.6 J	70.8 J	35.7 J	39.8 J	158	93.8	9190	112	141	44.4	288
7041S	ANTIMONY	R	0.62 U	0.6 U	1.4 J	0.53 U	0.54 U	R	0.49 U	R	R	0.56 U	R	0.5 U	0.5 U	0.2 U	0.38 U	1 U	0.18 U	0.96 U	0.4 U	0.65 U
7060S	ARSENIC	6.8 J	3.7	8 J	14.8 J	16.2	13.7	5.6 J	6.8	7.1 J	2.4 J	4.2	9.3 J	9.9	10.2	NA	NA	3.2	NA	3.5	NA	8.2 J
7421S	LEAD	4.7 J	5.6 J	4.8	158	10.7 J	7 J	18.7	43.6 J	32.9	124	2.8 J	4.1 U	7.2 J	17 J	NA	NA	113 J	NA	29.1 J	NA	5.2
7472S	MERCURY	0.05 U	0.05 U	0.053 U	0.62	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.06 U	0.06 U	0.05 U	0.19	0.28	0.77	0.1 U	0.34	0.13	0.053 U
7740S	SELENIUM	0.39 U	0.44 U	0.43 U	0.47 U	0.38 U	0.38 U	0.44 U	0.35 U	0.44 U	0.45 U	0.4 U	0.45 U	0.35 U	0.36 U	NA	NA	NA	NA	NA	NA	0.47 U
7841S	THALLIUM	0.39 U	0.44 U	0.43 U	0.47 U	0.38 U	0.38 U	0.44 U	0.35 U	0.44 U	0.45 U	0.4 U	0.45 U	0.35 U	0.36 U	NA	NA	NA	NA	NA	NA	0.47 U
9010S	CYANIDE	R	0.44 U	0.48 U	4 J	0.4 U	0.45 U	0.99	0.8	0.46 U	0.41 U	0.37 U	0.47 U	0.36 U	0.4 U	2.4 U	2.4 U	2.7 U	2.3 U	2.2 U	2.6 U	0.48 U
SNZZS	TIN	7.9 U	8.9 U	9.2 U	18.2 J	6 U	8.3 U	8 U	8.8 U	10 U	6 U	8.1 U	8.3 U	7.7 U	9.9 U	NA	NA	NA	NA	NA	NA	9.4 U

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
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NA - Not analyzed.

WARWICK AREA
SHALLOW SOIL
INORGANIC DATA

	SITE	1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2		1.5 to 2	
	LOCATOR	SMU5/B3		SMU5/C1		SMU5/C1		SMU5/C2		SMU5/C2		SMU5/C3		SMU5/C4		SMU5/D2		SMU5/D3		SMU5/E3	
	SAMPLE NUMBER	SF-S5-B3(D)*IB-2		SF-S5-C1(D)*IB-1		SF-S5-C1(D)*IB-2		SF-S5-C2(D)*IB-1		SF-S5-C2(D)*IB-2		SF-S5-C3(D)*IB-1		SF-S5-C4(D)*IB-2		SF-S5-D2(D)*IB-1		SF-S5-D3(D)*IB-1		SF-S5-E3(D)*IB-2	
	COLLECT DATE	3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		3/19/91		11/15/90		11/15/90		3/19/91	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	119	J	101	J	56.4	J	122	J	162	J	113	J	18.1	J	207	J	112	J	1270	J
6010S	BERYLLIUM	0.52	J	1.3		0.79	J	1.6		1	J	0.76		0.47	J	0.62		1.1		0.34	J
6010S	CADMIUM	0.65		6.9		4.5		5.7		6.8		1.4		0.44	U	1.8		5.3		1.2	
6010S	CALCIUM	2330	J	1800	J	1530	J	2140	J	2150	J	2320	J	1040	J	2480	J	1700	J	3730	J
6010S	CHROMIUM	16.3	J	357	J	172	J	240	J	325	J	25.2	J	5.8	J	58.7	J	257	J	34.4	J
6010S	COBALT	3.7		5.4		4.7		5.8		4.8		4.1		3.1		6.4		4.6		3.8	
6010S	COPPER	18.6		352		128		215		211		103		6.9		66		182		42.8	
6010S	IRON	12900		13600	J	9660		16000	J	14300		10300	J	11100		14400	J	13900	J	13900	
6010S	MAGNESIUM	1320		1670		1370		2060		1600		1160		1040		2480		1580		1540	
6010S	MANGANESE	210	J	210	J	167	J	228	J	288	J	173	J	162	J	233	J	165	J	200	J
6010S	NICKEL	9.2		17.9	J	11.5		36	J	19.3		17.4	J	5		14	J	17.4	J	11.2	
6010S	POTASSIUM	630		716	J	597		1180	J	739		443	J	411		1520	J	879	J	529	
6010S	SILVER	0.93	U	0.99	U	0.99	U	0.83	U	1.1	U	1.1	U	0.88	U	0.75	U	1.2	U	1	U
6010S	SODIUM	137		99	U	152		131	U	192		110	U	123		114	U	119	U	215	
6010S	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
6010S	VANADIUM	12.8	U	16.2		14.4	U	18.2		19.4	U	12.2		8.8	U	22		15.2		13	U
6010S	ZINC	103	U	13300	J	10800		8530	J	16100		2210	J	45.8	U	1830	J	6750	J	664	
7041S	ANTIMONY	0.62	U	0.88	J	1.4	J		R	1.1	J		R	0.6	U		R	0.86	J	41.8	J
7060S	ARSENIC	10.2	J	8.2	J	16.3	J	12	J	12.6	J	9.4	J	9.3	J	9	J	11	J	12.5	J
7421S	LEAD	30.9		116		160		173		215		428		44.7		271		156		87.2	
747ZS	MERCURY	0.13		0.42		0.5		0.94		0.89		0.17		0.05	U	0.21		0.54		0.45	
7740S	SELENIUM	0.44	U	0.65	U	0.52	U	0.47	U	0.49	U	0.54	U	0.43	U	0.49	U	0.56	U	0.52	U
7841S	THALLIUM	0.44	U	0.65	U	0.52	U	0.47	U	0.49	U	0.54	U	0.43	U	0.49	U	0.56	U	0.52	U
9010S	CYANIDE	0.47	U	9.4		5.6	U	7.5		8.5	J	1.2		0.45	U	2.8		7.5		0.5	U
SNZZS	TIN	9.3	U	20.7		16	J	14.7		18.2	J	11	U	8.8	U	7.5	U	11.9	U	37.8	J

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

WARWICK AREA
DEEP SOIL
INORGANIC DATA

	SITE	2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		2 to 4		4 to 6		4 to 6		4 to 6		4 to 6	
	LOCATOR	SMU16/B16E2		SMU16/B16E2		SMU5/B5A2		SMU5/B5B2		SMU5/B5C2		SMU5/B5D2		SMU5/B5E2		SMU5/B5F2		SMU9/B9B2		AOI16/B16A		SMU16/B16B3		SMU9/B9A3		SMU9/B9A3	
	SAMPLE NUMBER	B-16E2*II-1		B-DUP1*II-1		B-5A2*II-1		B-5B2*II-1		B-5C2*II-1		B-5D2*II-1		B-5E2*II-1		B-5F2*II-1		B-9B2*II-1		B-16A*IB-2		B-16B3*II-1		B-9A3*II-1		B-DUP5*II-1	
	COLLECT DATE	7/21/93		7/21/93		7/28/93		7/28/93		7/28/93		7/28/93		7/28/93		7/29/93		7/27/93		3/13/91		7/21/93		7/27/93		7/27/93	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	15.2	J	10.1	J	48		104		149		9.9	J	11.8	J	28.1	J	12.8	J	11.2		13.3	J	17.7	J	17.6	J
6010S	BERYLLIUM	0.86		0.72		0.59		0.47		1.5		0.88		0.5	J	0.1	U	0.66	J	0.52		0.62		0.23	J	0.47	J
6010S	CADMIUM	NA		NA		0.29	U	2		7.6		0.26	U	0.51	U	0.3	U	NA		0.5	U	NA		NA		NA	
6010S	CALCIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		579		NA		NA		NA	
6010S	CHROMIUM	4		2.6		10.3		49		478		5.3		3.4		7.6		5.9		5.9	J	2.5		6.1		6.2	
6010S	COBALT	3.6	J	2.4	J	NA		NA		NA		NA		NA		NA		2.4	J	7.7		2.7	J	2.7	J	2.2	J
6010S	COPPER	6		3.5		11.3		45.5		356		3.4		1.8	J	8.1		4.6	J	5.5	J	6.1		24.9	J	6.6	J
6010S	IRON	NA		NA		NA		NA		NA		NA		NA		NA		NA		9400		NA		NA		NA	
6010S	MAGNESIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		1140		NA		NA		NA	
6010S	MANGANESE	NA		NA		NA		NA		NA		NA		NA		NA		NA		403	J	NA		NA		NA	
6010S	NICKEL	2.9	J	2.2	J	17.1		8.1		15		3.5	J	2.4	J	4.5		3.6	J	6.1		2.8	J	5.9		4.2	J
6010S	POTASSIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		459	J	NA		NA		NA	
6010S	SILVER	0.25	U	0.3	U	NA		NA		NA		NA		NA		NA		NA		1	U	0.28	U	NA		NA	
6010S	SODIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		181		NA		NA		NA	
6010S	TIN	NA		NA		8.6	U	2.3	U	20.5	U	2.1	U	4.6	U	2	U	NA		NA		NA		NA		NA	
6010S	VANADIUM	6.1		4.1	J	NA		NA		NA		NA		NA		NA		6.3		8.5		3.6	J	7.4		6.5	
6010S	ZINC	28.9	J	19	J	111		1510		7300		23.6		18.3		38.1		27	J	65.4	J	66.9	J	82.5	J	37.5	J
7041S	ANTIMONY	NA		NA		0.18	U	0.48	U	2.3	J	0.13	U	0.16	U	0.2	U	NA		0.68	U	NA		NA		NA	
7060S	ARSENIC	1.3	J	1.3	J	NA		NA		NA		NA		NA		NA		1.3	J	7.3		0.55	J	2.5	J	1.2	J
7421S	LEAD	6.3	J	8.1	J	NA		NA		NA		NA		NA		NA		7.2	J	3.6	J	3.7	J	42.4	J	6.9	J
7472S	MERCURY	NA		NA		0.15		0.3		1.3		0.09	U	0.09		0.1		NA		0.05	U	NA		NA		NA	
7740S	SELENIUM	0.13	U	0.13	U	NA		NA		NA		NA		NA		NA		NA		0.48	U	0.17	U	NA		NA	
7841S	THALLIUM	NA		NA		NA		NA		NA		NA		NA		NA		NA		0.48	U	NA		NA		NA	
8015S	2,2'-OXYETHANOL	10	U	10	U	NA		NA		NA		NA		NA		NA		NA		NA		10	U	NA		NA	
9010S	CYANIDE	2.2	U	2.6	U	2.8	U	2.3	U	3.7	U	1.6	U	1.9	U	1.8	U	NA		1.7		1.4	U	NA		NA	
SNZZS	TIN	NA		NA		NA		NA		NA		NA		NA		NA		NA		10	U	NA		NA		NA	

All results in mg/kg (ppm).
U - Undetected.
J - Estimated result.
R - Rejected result.
NA - Not analyzed.

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Shallow Soil Gas Investigation

Ciba-Geigy Facility
Cranston, Rhode Island

February 3-19, 1992

Submitted by:

Tracer Research Corporation

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1.0 CIBA-GEIGY FACILITY SURVEY

Tracer Research Corporation (TRACER) performed a shallow soil gas investigation at the Ciba-Geigy Facility located in Cranston, Rhode Island. This investigation was conducted February 3 through 19, 1992, for Woodward-Clyde Consultants (WCC). Ed Hastings and Ken Kievot were the field representatives for WCC.

1.1 Objective

The purpose of the soil gas investigation was to delineate the possible horizontal contamination from target volatile organic chemicals (VOCs) at four sites at the Ciba-Geigy facility. Shallow soil gas samples were collected and analyzed for aromatic hydrocarbons (toluene, ethylbenzene, xylenes), an halogenated aromatic hydrocarbon (chlorobenzene), and halogenated hydrocarbons (1,1,1-trichloroethane, trichloroethene, 1,2-dichloroethane, and tetrachloroethene).

1.2 Overview of Results

For this investigation 101 soil gas samples were collected from 138 locations in the production area of Ciba-Geigy and analyzed. Toluene was detected in 24 of the samples in concentrations ranging from <0.06 to 18,000 ug/L, chlorobenzene was detected in 5 of the samples in concentrations ranging from <0.08 to 80 ug/L, ethylbenzene was detected in 3 of the samples in concentrations ranging from <0.06 to 0.6 ug/L, and total xylenes were detected in 20 of the samples in concentrations ranging from <0.1 to 470 ug/L.

Eighteen soil gas samples were collected from 21 locations at the solid waste management unit #5 (SWMU #5) and analyzed. Concentrations of toluene ranged from <0.09 to 2 ug/L, concentrations of chlorobenzene ranged from <0.1 to 5 ug/L, and concentrations of total xylenes ranged from <0.2 to 22 ug/L. Toluene,

chlorobenzene and total xylenes were detected in one sample each. No concentrations of ethylbenzene were detected.

Fourteen soil gas samples were collected from 14 locations at the solid waste management unite #12 (SWMU #12). Concentrations of toluene were detected in two samples in ranges from <0.08 to 0.9 ug/L. Concentrations of chlorobenzene ranged from <0.06 to 0.04 ug/L, concentrations of ethylbenzene ranged from <0.04 to 0.08 ug/L, and concentrations of total xylenes ranged from <0.1 to 2 ug/L.

Seventeen soil gas samples were collected from 17 locations at solid waste management unite #16 (SWMU #16) in the Warrick area of the site and analyzed for 1,2-dichloroethene (1,2-DCA), 1,1,1-trichloroethane (TCA), and trichloroethene (TCE). No concentrations of 1,2-DCA or TCE were detected in the soil gas samples. Concentrations of TCA were detected in 16 of the soil gas samples in ranges from <0.7 to 540 ug/L.

The condensed data from this investigation is identified by locations and analyte in Appendix A. Site maps with sampling locations and analyte concentrations are included in Appendix B.

1.3 Out -of-Control Events

The electron capture detector (ECD) dryer failed on mobile analytical van number 8 on February 3, 1992. The dryer was bypassed, but the interruption caused by the bypass prevented the baseline from stabilizing for approximately 7 hours. Calibration on the flame ionization detection (FID) was not interrupted.

The original scope of work requested the separation of the three xlyene isomers (meta, para, and ortho-xylene). During the first two days (February 3 and 4), it was determined the para-and ortho-xylenes could not be separated. Sampling

started on February 5 and samples were analyzed for meta-xylene and total para- and ortho-xylenes. On February 7, the WWC representative directed the TRACER field crew to look only for total xylenes (meta-, para-, and ortho-xylenes combined).

The condensed data in Appendix A and the contour map in Appendix B reflect these changes. Both the data and the map report the total of the three isomers simply as total xylenes.

A three-point calibration for the target VOCs was performed on February 3 and 4 in order to verify the linear range of the gas chromatograph (GC). Single point calibrations were used on all other days.

A rotometer was connected to the exhaust end of the vacuum sampling pump to ensure an adequate flow of gas into the sampling probes. Typical flows were measured at 5 to 7 liters per minute.

2.0 SITE DESCRIPTION

The site is a former production facility located on the northwest and southeast banks of the Pawtuxet River. The production area is covered mostly with gravel, soil, and brush. The ground cover at SWMU #12 is mainly gravel, soil, and asphalt. SWMU #5 is chiefly brush and vegetation. SWMU #16 is covered with asphalt and concrete.

According to WCC, the groundwater is a depth of approximately 4 to 8 feet below grade. The groundwater flows toward the Pawtuxet River.

3.0 SAMPLING PARAMETERS

Soil gas sampling probes consisted of 7- to 14-foot lengths of 3/4-inch diameter hollow steel pipe. The probes were fitted with detachable drive tips and advanced 2 to 6 feet below grade. There were 37 probe refusals in the production area because of buried debris and 180 drive points were used to collect 101 soil gas samples. At SWMU #5 only 18 soil gas samples were collected after 22 attempts. At SWMU #12, 14 samples were collected after 19 attempts. The only area in which the number of soil gas samples collected matched the number of attempts was at SWMU #16. Seventeen samples were collected in 17 attempts.

The aboveground ends of the probes were fitted with an aluminum reducer (manifold) and a length of polyethylene tubing leading to a vacuum pump. Soil gas was pulled by the vacuum pump into the probe. The vacuum was monitored by a vacuum gauge to ensure that an adequate gas flow from the vadose zone was maintained. In addition, a rotometer was attached to the exhaust of the sampling pump to verify the vacuum pump flow.

The volume of air within the probe was purged by evacuating 2 to 5 liters of gas. The evacuation time in minutes versus the vacuum in inches of mercury (Hg) was used to calculate the necessary evacuation time. The vacuum in inches Hg was recorded at each sampling location.

Sample probe vacuums ranged from 2 to 9 inches Hg (7 to 10 liters per minute on the rotometer) in the production area, 2 to 3 inches Hg (10 to 11 liters per minute on the rotometer) at SWMU #5, except at sample locations SG5-6, SG5-D7, and SG5-C4.1 where shallow water or saturated soil prevented sample collection.

At SWMU #12, the sample probe vacuums ranged from 2 to 5 inches Hg (7 to 10 liters per minute on the rotometer). At SWMU #16, the sample probe vacuums ranged from 2 to 4 inches Hg (9 to 10 liters per minute on the rotometer).

During the soil gas evacuation, samples were collected in a glass syringe by inserting a syringe needle through a silicone rubber segment in the evacuation line and down into the steel probe. Each sample collected from 9 to 10 milliliters (mL) of gas for immediate analysis in the TRACER analytical van.

4.0 ANALYTICAL PARAMETERS

During this investigation, up to 10 mL of soil gas were collected for each sample and immediately analyzed in the TRACER analytical van. Subsamples (duplicate injections) from these samples were injected into the GC in volumes ranging from 5 to 1000 microliters (uL) for FID analyses and 4 to 50 uL for ECD analyses. The size of the injection depended on the VOC concentration at a particular location.

4.1 Analyte Class

The soil gas samples were analyzed for two classes of analytes. The analyte classes and specific compounds are listed below:

Analyte Class: Hydrocarbons

Aromatics - Toluene, ethylbenzene, and xylenes

Analyte Class: Halogenated Hydrocarbons

1,1,1-trichloroethane (TCA)

Trichloroethene (TCE)

Tetrachloroethene (PCE)

1,2-dichloroethane (1,2-DCA)

Aromatic - Chlorobenzene

4.2 Chromatographic System

Two Varian 3300 gas chromatographs, equipped with electron capture detectors, flame ionization detectors (FID), and two computing integrators, were used for the soil gas analyses. The GCs are temperature programmable.

The halogenated hydrocarbon compounds (1,2-DCA, TCA, and TCE) were separated in the GC on a 6' by 1/8" outer diameter (OD) SP-1000 analytical column packed with 60/80 mesh carbopack and detected on the ECD. The aromatic

hydrocarbon compounds (toluene, ethylbenzene, and total xylenes) and halogenated aromatic hydrocarbons (chlorobenzene) were separated in the GC on a 3' by 1/8" OD SP-1000 analytical column packed with 60/80 mesh carbopack and detected on the FID. Nitrogen was used as the carrier gas. The instrument calibrations were checked periodically throughout each day to monitor the response factor and retention time.

GC Process

The soil gas vapor is injected into the GC where it is swept through the analytical column by the carrier gas. The detector senses the presence of a component different from the carrier gas and converts that information to an electrical signal. The components of the sample pass through the column at different rates, according to their individual properties, and are detected by the detectors. They are identified by the time it takes them to pass through the column (retention time).

ECD Process

The ECD captures low energy thermal electrons that have been ionized by beta particles. The flow of these captured electrons into an electrode produces a small current, which is collected and measured. When the halogen atoms (halocarbon) are introduced into the detector, electrons which would otherwise be collected at the electrode are captured by the sample, resulting in decreased current. The current causes the computing integrator to record a peak on a chromatogram. The area of the peak is compared to the peak generated by a known standard to determine the concentration of the analyte.

FID Process

The FID utilizes a flame produced by the combustion of hydrogen and air. When a component, which has been separated on the GC analytical column, is introduced into the flame, a large increase in ions occurs. A collector with a polarizing voltage is applied near the flame and the ions are attracted and produce a current, which is proportional to the amount of the sample compound in the flame. The electrical current or signal causes the computing integrator to record a peak on a chromatogram. By measuring the area of the peak and comparing that area to the integrator response of a known aqueous standard, the concentration of the analyte in the sample is determined.

Detection Limits

Detection limits depended on the volume of the injection as well as the sensitivity of the detector to the individual compound. Generally, the larger the injection size, the greater the sensitivity. However, the peaks for target compounds had to be kept within the linear and operating ranges of the analytical equipment.

If target compounds are present at high concentrations, it is necessary to dilute the sample or to decrease the volume of the injection in order to measure the compound's peak on the chromatogram. This sometimes causes decreased detection of other target compounds. Consequently, it is necessary to analyze the largest sample possible while staying within the operating and linear ranges of the equipment. For these reasons, Tracer Research frequently performs several injections for each soil gas sample collected.

4.3 Analyses

The volume of each of the soil gas samples injected into the GC ranged from 4 to 50 uL for the ECD and 5 to 1000 uL for the FID. The detection limits for

target compounds depend on the sensitivity of the detector to the individual compound as well as the volume of the injection. The detection limits of the target compounds were calculated from the response factor, the sample size, and the calculated minimum peak size (area) observed under the conditions of the analyses.

For this investigation, it was necessary to dilute samples at SWMU #16. Samples SG-16-6, SG-16-9, and SG16-3 were diluted to 0.4 uL in order to keep the TCA peak within the linear range of the ECD. The detection limits of the hydrocarbon compounds were approximately 0.4 ug/L. The detection limits of the halocarbons were approximately 0.004 ug/L. If any compound was not detected, the detection limit for that compound in that analysis was given as a "less than" value, e.g., <0.1 ug/L.

5.0 QUALITY ASSURANCE (QA) AND QUALITY CONTROL (QC)

TRACER's QA/QC program was followed to maintain data that was reproducible throughout the investigation. An overview presenting the significant aspects of TRACER's QA/QC program is presented below.

Soil Gas Sampling Quality Assurance

To ensure consistent collection of soil gas samples, the following procedures are performed:

- Sampling Manifolds

  TRACER's custom designed sampling manifold connects the sample probe to the vacuum line and pump. The manifold is designed to eliminate sample exposure to the polymeric (plastic) materials that connect the probe to the vacuum pump.

  The sampling manifold attaches to the end of the probe, forming an air tight union between the probe and the silicon tubing septum. The septum connects the manifold to the pump vacuum line and permits syringe sampling.

  This system allows the sample to be taken upstream of the sampling pump, manifold, and septum. Since cross contamination of sampling equipment is a major problem, TRACER replaces the materials (probe and syringe), between sampling points, that contact the soil gas before or during sampling. If the equipment is contaminated, all the components are replaced. At the end of each day the manifold is cleaned with soap and water and baked in the GC oven.

- Sampling Probes

  Steel probes are used only once each day. To eliminate the possibility of cross contamination, they are washed with high pressure soap and hot water spray, or steam-cleaned. Enough sampling probes are carried on each van to avoid the need to re-use any during the day.

- Glass Syringes

  Glass syringes are usually used for only one sample a day and are washed and baked out at night. If they must be used twice, they are purged with carrier gas (nitrogen) and baked out between probe samplings.

- Sampling Efficiency

  Soil gas pumping is monitored by a vacuum gauge to insure that an adequate gas flow from the vadose zone is maintained. A reliable gas sample can be obtained if the sample vacuum gauge reading is at least 2 inches Hg less than the maximum measured vacuum of the vacuum pump.

Analytical Quality Assurance Samples

Quality assurance samples are performed at the below listed, or greater, frequencies according to the number of soil gas samples analyzed:

Table 1. Quality Assurance Samples

Sample Type	Frequency
Ambient Air Samples	2 per day or per site
Analytical Method Blanks	5% (1 per 20 samples or 1 a day)
Continuing Calibration Check	20% (1 every 5 samples)
Field System Blank	10% (1 every 10 samples or 1 per day)
Reagent Blank	1 per set of working standards
Duplicate Samples	20% to 100% of all soil gas samples

The ambient air samples are obtained on site by sampling the air immediately outside the soil gas van and directly injecting them into the GC. Analytical method blanks are taken to demonstrate that the analytical instrumentation is not contaminated. These are performed by injecting carrier gas (nitrogen) into the GC with the sampling syringe. Subsampling syringes are also checked in this fashion.

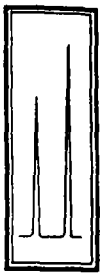
The injector port septa through which soil gas samples are injected into the GC are replaced daily to prevent possible gas leaks from the chromatographic column. All sampling and subsampling syringes are decontaminated after use and are not used again until they have been decontaminated by washing in anionic detergent and baking at 100°C.

Field blanks are analyzed to check for contamination of the sampling apparatus, e.g., probe, sampling manifold, sampling pump, and vacuum line. A sample is collected using standard soil gas sampling procedures, but without putting the probe into the ground. The results are compared to those obtained from a concurrently sampled ambient air analysis.

If the blanks detect compounds of interest at concentrations that indicate equipment contamination or concentrations that exceed normal background levels (ambient air analysis), corrective actions are performed. If the problem cannot be corrected, an out-of-control event is documented and reported.

A reagent blank is performed to ensure that the solvent used to dilute the stock standards is not contaminated. Analytical instruments are calibrated daily using fresh working standards made from National Institute of Sciences and Technology traceable standards and reagent blanked solvents.

Quantitative precision is assured by duplicating analysis of at least 20 percent of the soil gas samples. Duplicate analyses are performed by subsampling vapors from the original syringe. If short analysis times are involved, 100% of the samples are analyzed in duplicate.



6.0 RESULTS

For this investigation, 150 soil gas samples were collected from 190 sampling locations. The locations were spread over several sites at the Ciba-Geigy facility, including the production area, SWMU #5, SWMU #12, and SWMU #16.

6.1 Data

The analytical results from this soil gas investigation are condensed in Appendix A. Site and contour maps are included in Appendix B. The data are presented by location and by analyte concentration. When the compound was not detected, the detection limit is presented as a "less than" value, e.g., <0.0001 ug/L.

All sites were surveyed and a grid was pre-marked by WWC. Soil gas sample locations in the production area are numbered with the prefix of the grid and are identified by sample location and sampling depth. For example, SG-L7-4' represents soil gas sample L7, collected at 4 feet below grade. Soil gas sample locations near the SWMU sites have the number of the SWMU site as a prefix followed by the soil gas sample number. For example, SG12-2-2.5' represents soil gas sample 2, collected at SWMU #12 at a depth of 2.5 feet below grade.

6.2 Data Interpretation

Production Area

The majority of the toluene concentrations were detected at the northwest border of the production area near SWMU #11. The highest concentrations of toluene occurred at SG-B19-4' (18,000 ug/L). Soil gas concentrations of less than 1 ug/L were not contoured. See Figure 1A, Appendix B.

Chlorobenzene was found in two locations of the production area at the northwest border (near SWMU #11) and two locations at the extreme southwest corner of the site. The highest concentration of chlorobenzene was at soil gas

sample location SG-A20-4' (80 ug/L). The highest concentration at the southwest corner of the production area was at SG-N49-4' (13 ug/L). Soil gas concentrations of less than 1 ug/L were not contoured. See Figure 1B, Appendix B.

The highest total xylenes concentrations were distributed near SWMU #11 on the northwest border of the production area. The highest concentration of total xylenes occurred at SG-D13-4' (470 ug/L). Soil gas concentrations of less than 1 ug/l were not contoured. See Figure 1C, Appendix B.

Concentrations of ethylbenzene were detected in three soil gas samples with the highest concentration detected at SG-R17-4' (0.6 ug/L). No contour map was drawn for ethylbenzene.

SWMU #5

The site map for SWMU #5 is Figure 2, Appendix B. No contour maps were drawn for toluene, chlorobenzene, ethylbenzene, or total xylenes at this site. At SG5-E6, SG5-D7, and SG5-C4.1, perched water or saturated soil prevented the collection of soil gas samples.

The highest concentration of toluene at SWMU #5 were detected near MW-11S at SG5-C4-2.5' (2 ug/L). The highest concentration for chlorobenzene occurred at SG-C4-2.5' (5 ug/L) and the highest concentration of total xylenes occurred at SG-C4-2.5' (22 ug/L). No ethylbenzene was detected at SWMU #5.

SWMU #12

The site map for SWMU #12 is Figure 3, Appendix B. No contour maps were drawn for toluene, chlorobenzene, ethylbenzene, or total xylenes at this site.

The highest concentration of toluene at SWMU #12 were detected near MW-15D at SG12-6-2.5' (0.9 ug/L). The highest concentration of chlorobenzene occurred at SG12-4-3' (0.4 ug/L) and the highest concentration of ethylbenzene occurred at SG12-6-2.5' (0.8 ug/L). The highest concentration of total xylenes were detected at SG12-6-2.5' (2 ug/L).

SWMU #16

The map for SWMU #16 is found in Figure 4, Appendix B. No contour maps were drawn for 1,2-DCA or TCE at this site. See Figure 4A, Appendix B, for the TCA contour map.

No concentrations of 1,2-DCA were detected in any soil gas samples at any location at SWMU #16. No concentrations of TCE were detected in any soil gas samples at any location. The highest concentration of TCA occurred near SWMU #16 and MW-17D at SG16-9-3' (540 ug/L).

APPENDIX A

Condensed Data

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/05/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.04	<0.04	<0.03	<0.06
SG-L7-4'	<0.2	<0.2	<0.2	<0.3
SG-N5-3.5'	<0.07	<0.08	<0.06	<0.1
SG-L5-4'	<0.07	<0.08	<0.06	<0.1
SG-P5-4'	<0.07	<0.08	<0.06	<0.1
AIR	<0.04	<0.04	<0.03	<0.06
SG-N7-4'	<0.07	<0.08	<0.06	<0.1
SG-L9-4.5'	<0.07	<0.08	<0.06	<0.1
SG-N9-4.5'	<0.07	<0.08	<0.06	<0.1
SG-N11-3'	<0.07	<0.08	<0.06	<0.1
SG-L13-4'	<0.07	<0.08	<0.06	<0.1
AIR	<0.04	<0.04	<0.03	<0.06

Analyzed by:J. Maisch
Proofed by: aw

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S

02/06/92

CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.08	<0.1	<2	<0.1
SG-D13-4'	9	<0.5	<3	470
SG-D17-4'	8800	<8	<5	229
SG-D19-4'	7900	<4	<3	116
SG-B19-4'	18000	<2	<1	139
SG-B17-4'	12000	<2	<1	460
AIR	<0.04	<0.05	<0.03	<0.05
SG-B21-3.5'	550	<2	<1	23
SG-D23-4'	46	<2	<1	43
SG-A25-4'	7	<1	<0.6	29
AIR	<0.04	<0.05	<0.03	<0.05

Analyzed by:J. Maisch

Proofed by:

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S

02/07/92

CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.06	<0.2	<0.1	<0.1
SG-J9-3'	<1	<3	<2	<3
SG-J7-4'	<0.3	<0.8	<0.5	<0.7
SG-J5-4'	<0.3	<0.8	<0.5	<0.7
SG-H5-4'	<0.1	<0.3	<0.2	<0.3
SG-F9-6'	<0.1	<0.3	<0.2	<0.3
AIR	<0.06	<0.2	<0.1	<0.1
SG-B1-4'	<0.1	<0.3	<0.2	<0.3
SG-F1-4'	<0.1	<0.3	<0.2	<0.3
AIR	<0.06	<0.2	<0.1	<0.1

Analyzed by:J. Maisch
Proofed by: CWP

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/05/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR SAMPLE	<0.2	<0.2	<0.2	<0.2
SG-R9-4'	<0.9	<1	<0.9	<0.8
SG-T9-4'	<0.5	<0.5	<0.4	<0.4
SG-T11-4'	0.5	<0.2	<0.2	1
SG-P9-4'	<0.2	<0.2	<0.2	10
SG-T13-4'	<0.2	<0.2	<0.2	<0.2
AIR	<0.5	<0.5	<0.4	<0.3
SG-R14-4'	<0.2	<0.2	<0.2	<0.2
SG-X5-4'	<0.2	<0.2	<0.2	<0.2
SG-AD9-4'	<0.2	<0.2	<0.2	<0.2
AIR SAMPLE	<0.2	<0.2	<0.2	<0.2

Analyzed by: D. Bonner
Proofed by: aw

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S

02/06/92

CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR SAMPLE	<0.2	<0.3	<0.2	<0.3
SG-H15-4'	<0.2	<0.3	<0.2	<0.3
SG-H19-4'	OLR	<0.3	<O.2	189
SG-H19-4'	4500	<1000	<700	<1200
SG-I121-4'	150	<5	<0.7	26
SG-F21-4'	9700	<400	<270	<400
SG-H23-4'	<4	<5	<3	15
SG-F17-4'	1900	<85	<55	<80
SG-J25-4'	<2	<2	<1	<2
SG-L29-4'	<2	<2	<1	<2
SG-N25-4'	<0.4	<0.5	<0.3	<0.6
AIR SAMPLE	<0.2	<0.3	<0.2	<0.3

OLR-Over linear range

Analyzed by:D. Bonner

Proofed by: aw

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S

02/07/92

CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.5	<0.8	<0.6	<1
SG-R25-4'	<0.5	<0.8	<0.6	<1
SG-V25-4'	<0.5	<0.8	<0.6	<1
SG-Z25-4'	<0.1	<0.2	<0.1	<0.4
SG-AD25-4'	<0.1	<0.2	<0.1	<0.4
SG-AH25-4'	<0.1	<0.2	<0.1	<0.4
SG-Z23-4'	0.7	<0.8	<0.6	<1
AIR SAMPLE	<0.5	<0.8	<0.6	<1
SG-L21-4'	<0.1	<0.2	<0.1	<0.4
SG-J17-4'	<0.1	<0.2	<0.1	<0.4
AIR SAMPLE	<0.1	<0.2	<0.1	<0.4

Analyzed by: D. Bonner

Proofed by: aw

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/10/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.09	<0.1	<0.07	<0.1
SG-P13-4'	<0.09	<0.1	<0.07	<0.1
SG-X13-4'	1	<0.1	<0.07	0.5
SG-AB13-4'	0.2	<0.1	<0.07	<0.1
SG-AF13-4'	<0.09	<0.1	<0.07	<0.1
SG-AJ13-4'	0.3	0.4	<0.07	<0.1
SG-AL17-4'	<0.09	<0.1	<0.07	<0.1
SG-Z9-4'	<0.09	<0.1	<0.07	<0.1
SG-N17-4'	0.2	<0.1	<0.07	<0.1
SG-R17-4'	<0.09	<0.1	0.6	10
SG-V17-4'	<0.09	<0.1	<0.07	40
SG-Z17-4'	<0.09	<0.1	<0.07	30
SG-Z19-4'	<0.09	<0.1	<0.07	<0.1
SG-AB19-2'	<0.09	<0.1	<0.07	<0.1
SG-AC21-4'	<0.09	<0.1	<0.07	<0.1
AIR SAMPLE	<0.3	<0.5	<0.3	<0.4
SG-AF21-4'	<0.09	<0.1	<0.07	<0.1
SG-AJ21-3'	<0.09	<0.1	<0.07	<0.1
SG-AE19-4'	<0.09	<0.1	<0.07	<0.1
AIR SAMPLE	<0.09	<0.1	<0.07	<0.1

Analyzed by: D. Bonner
Proofed by: AP

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/11/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	EYHYL-BENZENE ug/l	TOTAL-XYLENES ug/l
AIR	<0.07	<0.1	<0.06	<0.2
SG-X19-4'	<0.07	<0.1	<0.06	<0.2
SG-T22-3'	<0.3	<0.4	<0.2	<0.6
SG-AB29-4'	<0.3	<0.4	<0.2	<0.6
SG-X30-4'	<0.3	<0.4	<0.2	<0.6
SG-Z33-4'	<0.3	<0.4	<0.2	<0.6
SG-V33-4'	<0.3	<0.4	<0.2	<0.6
SG-T29-4'	<0.3	<0.4	<0.2	<0.6
SG-R33-4'	<0.3	<0.4	<0.2	<0.6
SG-P29-4'	<0.3	<0.4	<0.2	<0.6
AIR SAMPLE	<0.3	<0.4	<0.2	<0.6
SG-B33-4'	<0.3	<0.4	<0.2	<0.6
SG-F49-4'	<0.3	<0.4	<0.2	<0.6
SG-J49-4'	<0.3	<0.4	<0.2	<0.6
SG-N49-4'	0.6	13	<0.2	<0.6
SG-B49-4'	<0.3	<0.4	<0.2	<0.6
AIR SAMPLE	<0.3	<0.4	<0.2	<0.6

Analyzed by:D. Bonner
Proofed by: AW

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/12/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	EYHYL-BENZENE ug/l	TOTAL-XYLENES ug/l
AIR	<0.08	<0.1	<0.07	<0.2
SG-P45-4'	<0.08	<0.1	<0.07	<0.2
SG-T41-4'	<0.08	<0.1	<0.07	<0.2
SG-L42-4'	0.2	<0.1	0.2	4
AIR SAMPLE	<0.08	<0.1	<0.07	<0.2
SG-D42-4'	<0.08	<0.1	<0.07	<0.2
SG-U38-4'	<0.08	<0.1	<0.07	21
SG5-C4-2.5'	2	5	<0.07	22
SG5-C2-2.5'	<0.2	<0.2	<0.1	<0.4
SG5-C6-2.5'	<0.2	<0.2	<0.1	<0.4
AIR SAMPLE	<0.3	<0.4	<0.3	<0.7

Analyzed by:D. Bonner
Proofed by: AO

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/13/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.09	<0.1	<0.08	<0.2
SG-5B5-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5A6-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5B4-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5A4-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5B3-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5A2-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5B1-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5D1-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5E2-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5D3-2.5'	<0.09	<0.1	<0.08	<0.2
AIR SAMPLE	<0.09	<0.1	<0.08	<0.2
SG-5E4-2.5'	<0.2	<0.2	<0.2	<0.4
SG-5D4-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5D5-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5B7-2.5'	<0.09	<0.1	<0.08	<0.2
SG-5C3.3-2.5'	<0.09	<0.1	<0.08	<0.2
AIR SAMPLE	<0.09	<0.1	<0.08	<0.2

Analyzed by: D. Bonner
Proofed by: _____

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/14/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/L	TOTAL XYLENES ug/L
AIR	<0.3	<0.5	<0.3	<0.9
SG12-2-2.5'	<0.3	<0.5	<0.3	<0.9
SG12-1-2.5'	<0.3	<0.5	<0.3	<0.9
SG12-8-2.5	<0.08	<0.1	<0.08	<0.2
SG12-11-2.5'	<0.08	<0.1	<0.08	<0.2
SG12-14-2.5'	<0.08	<0.1	<0.08	<0.2
AIR	<0.08	<0.1	<0.08	<0.2
SG12-9-2.5'	<0.08	<0.1	<0.08	<0.2
SG12-12-2.5'	<0.04	<0.06	<0.04	<0.1
SG12-13-2.5'	<0.04	<0.06	<0.04	<0.1
SG12-10-2.5'	<0.04	<0.06	<0.04	<0.1
SG12-7-2.5'	<0.04	<0.06	<0.04	<0.1
SG12-6-2.5'	0.9	<0.2	0.8	2
AIR	<0.08	<0.1	<0.08	<0.2

Analyzed by:D. Bonner
Proofed by: AW

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/17/92
CONDENSED DATA

SAMPLE	1,2-DCA ug/l	TCA ug/l	TCE ug/l
AIR	<0.02	<0.0006	<0.003
SG16-8-3'	<0.3	2	<0.05
SG16-11-3'	<0.7	3	<0.1
SG16-12-3'	<4	7	<0.6
SG16-9-3'	<180	540	<28
SG16-6-3'	<180	100	<28
AIR	<0.02	0.004	<0.003
SG16-3-3'	<180	150	<28
SG16-1-3'	<2	0.5	<0.3
SG16-2-3'	<4	6	<0.6
SG16-5-3'	<4	0.3	<0.6
SG16-7-3'	<4	8	<0.6
AIR	<0.02	0.002	<0.003
SG16-10-3'	<4	<0.7	<0.6
SG16-4-3'	<18	34	<3
SG16-13-3'	<7	7	<1
SG16-14-3'	<4	0.1	<0.6
SG16-15-3'	<4	3	<0.6
AIR		0.001	<0.003
SG16-16-3'	<0.4	2	<0.06
SG16-17-3'	<0.4	1	<0.06
AIR	<0.02	<0.001	<0.003

Analyzed by:D. Bonner
Proofed by:

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S
02/18/92
CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL XYLENES ug/l
AIR	<0.3	<0.4	<0.2	<0.6
SG-F15-4'	4600	<82	<44	<120
SG-C15-4'	<0.6	<0.8	<0.4	<1
SG-A15-4'	<0.6	<0.8	<0.4	<1
SG-A18-4'	4	<0.4	0.1	4
SG-A20-4'	4400	80	<44	<120
SG-A23-4'	280	16	<9	<25
SG12-5-2.5'	<0.3	<0.4	<0.2	<0.6
SG12-3-3'	<0.3	<0.4	<0.2	<0.6
SG12-4-3'	0.8	0.4	<0.2	<0.6
AIR	<0.3	<0.4	<0.2	<0.6

Analyzed by:D. Bonner
Proofed by:_____

WOODWARD-CLYDE/CIBA-GEIGY/CRANSTON, RHODE ISLAND/JOB #2-92-011-S

02/19/92

CONDENSED DATA

SAMPLE	TOLUENE ug/l	CHLORO-BENZENE ug/l	ETHYL-BENZENE ug/l	TOTAL-XYLENES ug/l
AIR	<0.3	<0.5	<0.3	<0.7
SG-F13-4'	<0.3	<0.5	<0.3	<0.7
SG-J19-4'	<0.3	<0.5	<0.3	<0.7
SG-J22-4'	<0.3	<0.5	<0.3	<0.7
SG-O50-3'	<0.3	1	<0.7	<0.7
SG-P37-3'	<0.3	<0.5	<0.3	<0.7
SG-L37-3'	<0.3	<0.5	<0.3	<0.7
SG-V15-4'	<0.3	<0.5	<0.3	<0.7
SG-R12-4'	<0.3	<0.5	<0.3	<0.7
SG-D21-4'	15000	<190	<100	<280
AIR SAMPLE	<0.3	<0.5	<0.3	<0.7

Analyzed by:D. Bonner

Proofed by:_____

APPENDIX B

Site and Contour Maps

Figure 1 Production Area Site Map

Figure 1A Production Area Toluene Contour Map

Figure 1B Production Area Chlorobenzene Contour Map

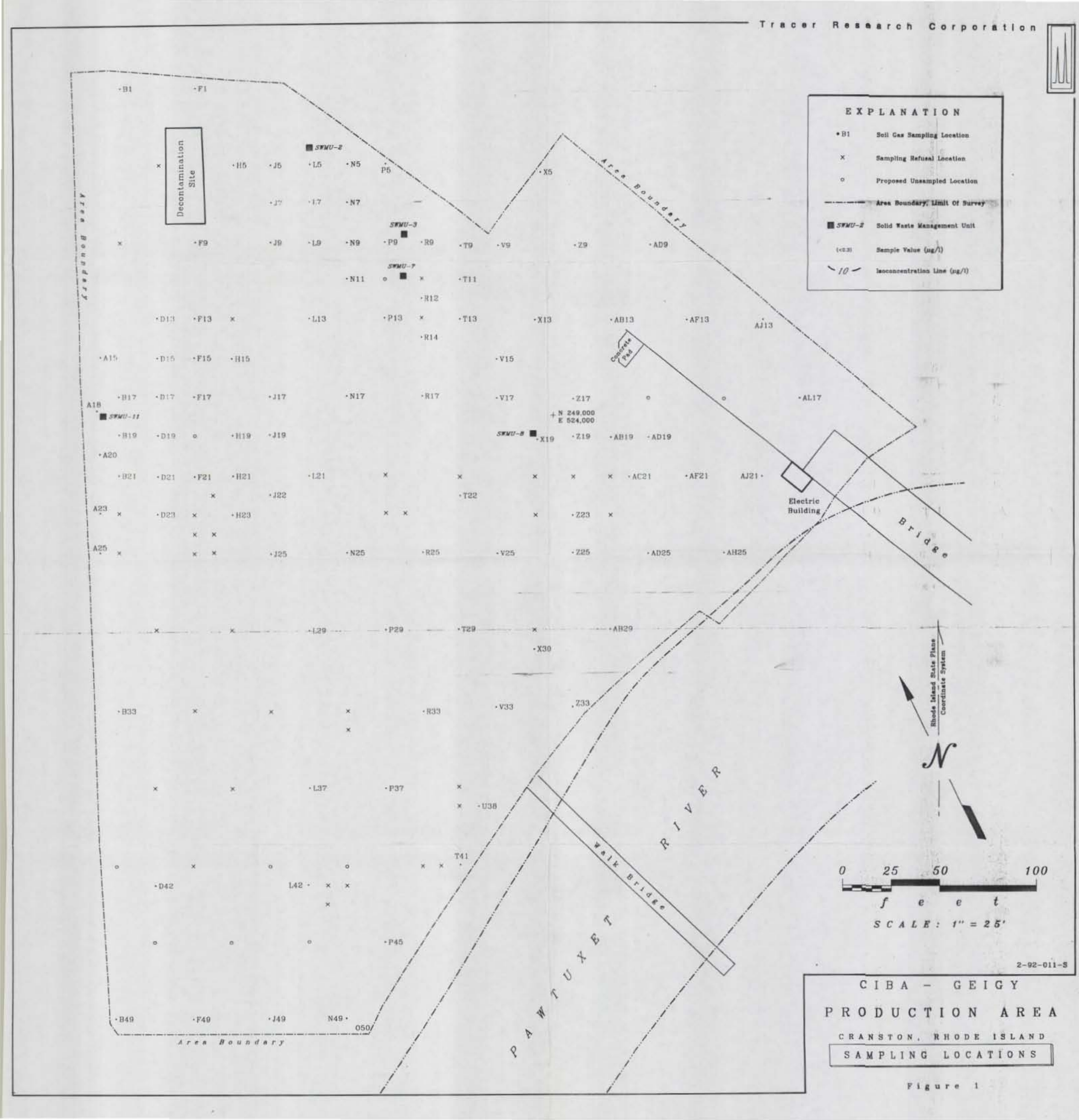
Figure 1C Production Area Total Xylenes Contour Map

Figure 2 Warwick Area SWMU #5 Site Map

Figure 3 Waste Water Treatment Area SWMU #12 Site Map

Figure 4 Warwick Area SWMU #16 Site Map

Figure 4A Warwick Area SWMU #16 TCA Contour Map


EXPLANATION
• B1 Soil Gas Sampling Location
× Sampling Refusal Location
○ Proposed Unsampled Location
Area Boundary, Limit Of Survey
SWMU-2 Solid Waste Management Unit
(<2.3) Sample Value (µg/l)
10 Isoconcentration Line (µg/l)
Area Boundary
Decontamination Site
SWMU-2
SWMU-3
SWMU-7
SWMU-11
SWMU-8
N 249,000
E 524,000
Concrete Pad
Electric Building
Bridge
Walk Bridge
PAWTUXET RIVER
Area Boundary
Rhode Island State Plane Coordinate System
N
0 25 50 100
feet
SCALE: 1" = 25'
2-92-011-S
CIBA - GEIGY
PRODUCTION AREA
CRANSTON, RHODE ISLAND
SAMPLING LOCATIONS
Figure 1

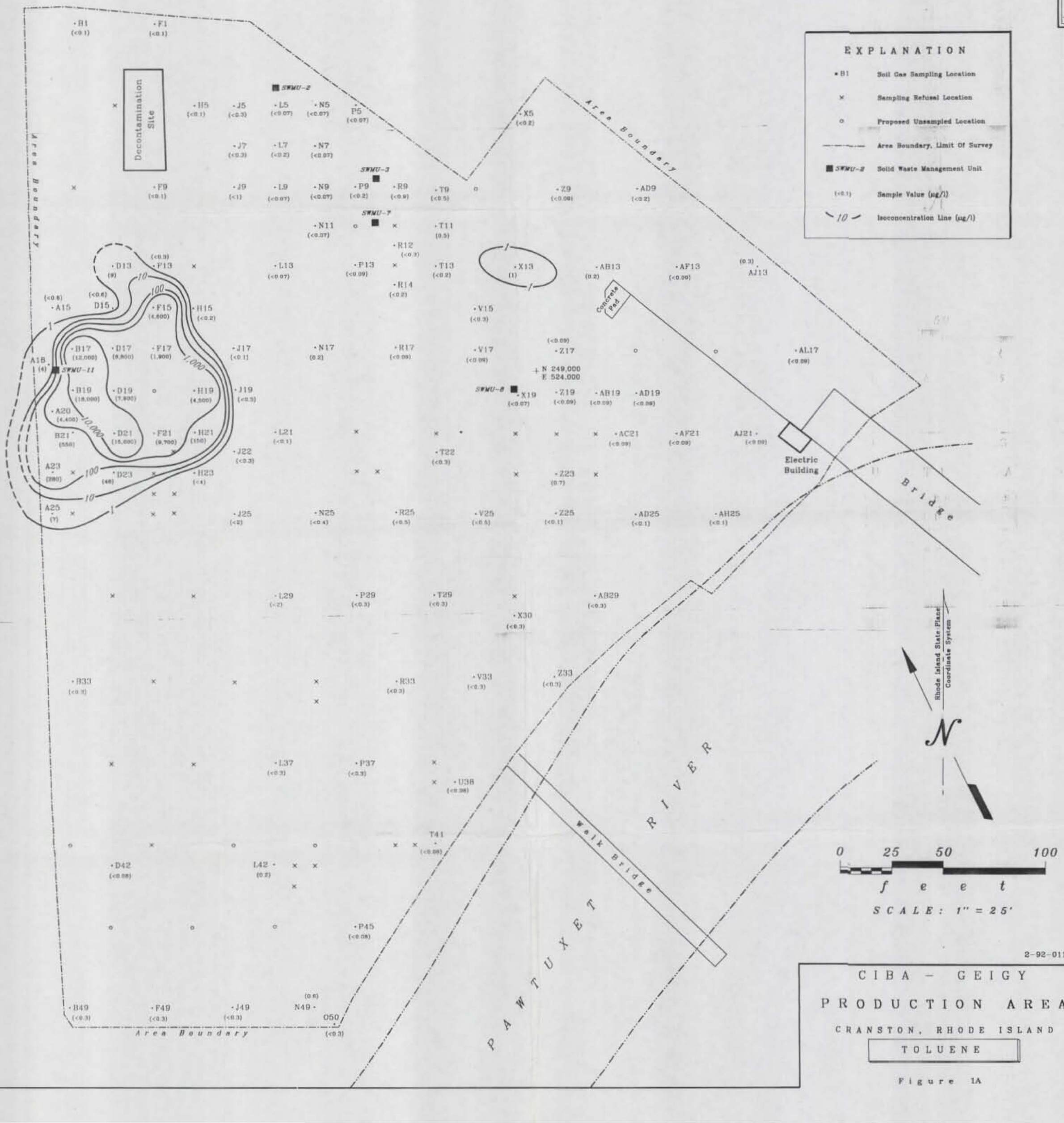
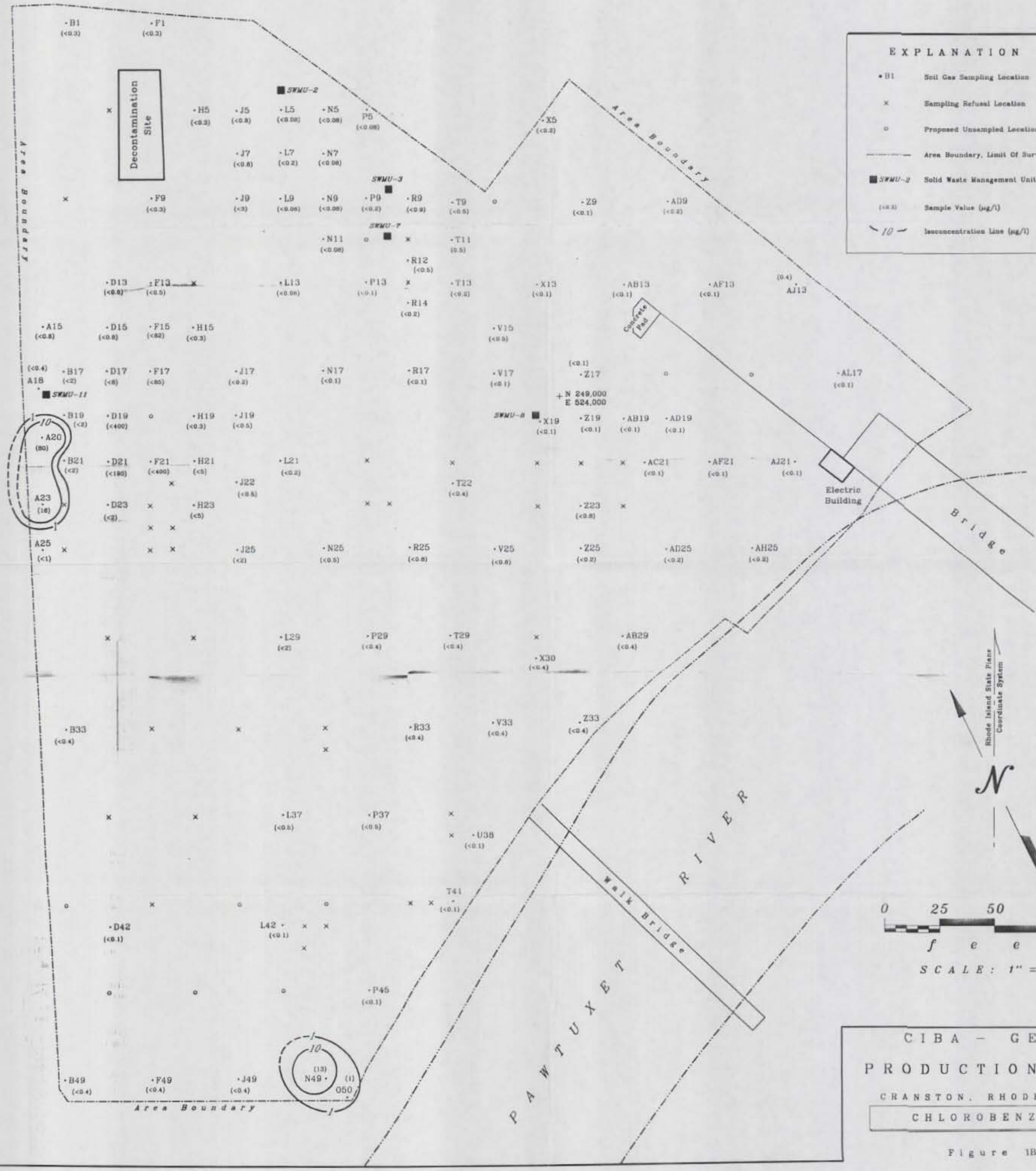

EXPLANATION
• B1 Soil Gas Sampling Location
× Sampling Refusal Location
o Proposed Unsampled Location
Area Boundary, Limit Of Survey
SWMU-2 Solid Waste Management Unit
(<0.1) Sample Value (µg/l)
10 Isoconcentration Line (µg/l)
Area Boundary
Decontamination Site
SWMU-2
SWMU-3
SWMU-7
SWMU-11
SWMU-8
Concrete Pad
Electric Building
Bridge
Walk Bridge
RIVER
PAWTUXET
Area Boundary
N 249,000
E 524,000
Rhode Island State Plane Coordinate System
N
0 25 50 100
feet
SCALE: 1" = 25'
2-92-011-S
CIBA - GEIGY
PRODUCTION AREA
CRANSTON, RHODE ISLAND
TOLUENE

Figure 1A



CIBA - GEIGY

PRODUCTION AREA

CRANSTON, RHODE ISLAND

CHLOROBENZENE

Figure 1B

EXPLANATION

- •B1 — Soil Gas Sampling Location
- × — Sampling Refusal Location
- ○ — Proposed Unsampled Location
- Area Boundary, Limit Of Survey
- ■ SWMU-2 — Solid Waste Management Unit
- (<0.3) — Sample Value (µg/l)
- 10 — Isoconcentration Line (µg/l)

Area Boundary

Decontamination Site

SWMU-2

SWMU-3

SWMU-7

SWMU-11

SWMU-8

Concrete Pad

Electric Building

Bridge

Area Boundary

Walk Bridge

PAWTUXET RIVER

N 249,000
E 524,000

Rhode Island State Plane Coordinate System

N

0 25 50 100
feet

SCALE: 1" = 25'

2-92-011-S

CIBA - GEIGY

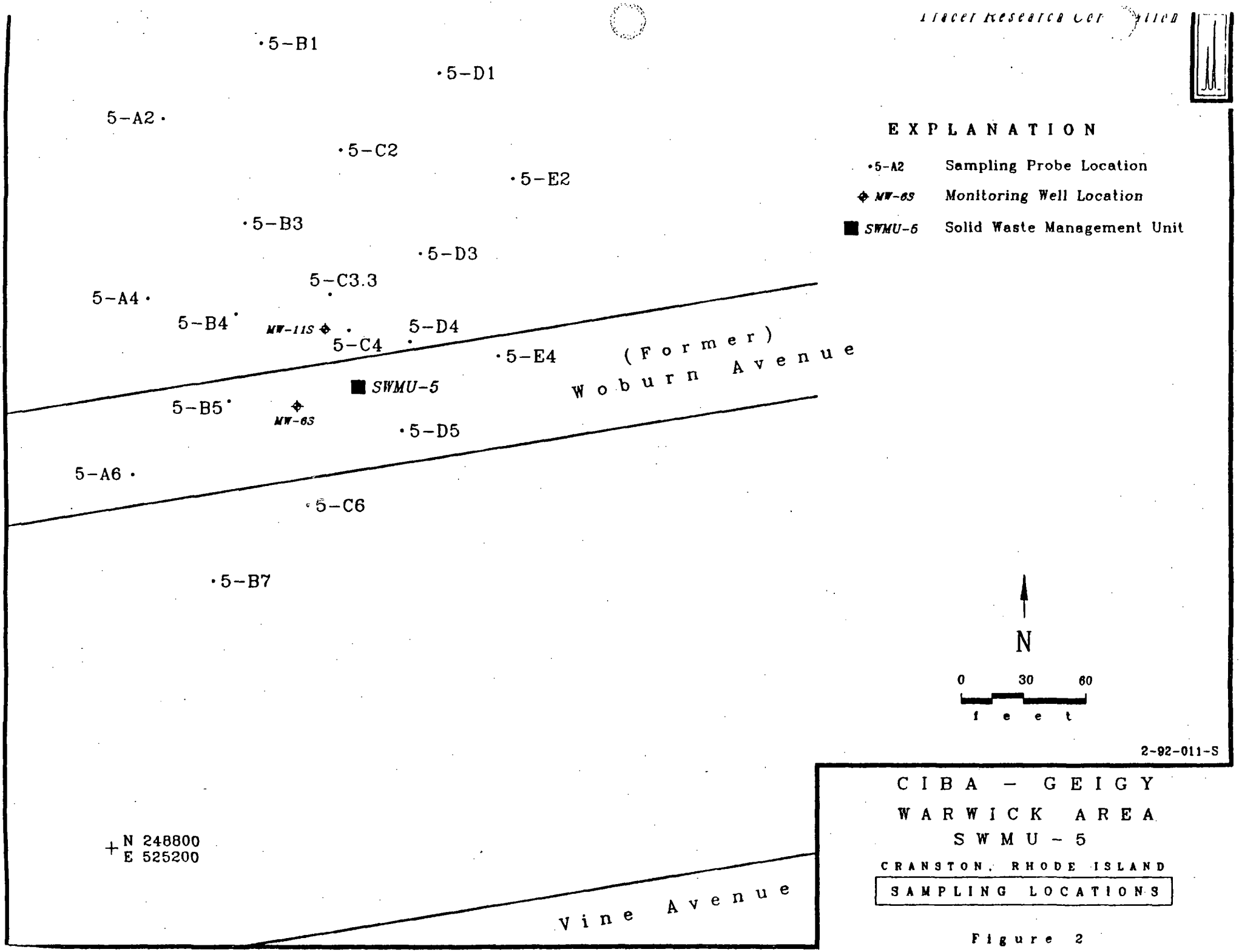
PRODUCTION AREA

CRANSTON, RHODE ISLAND

TOTAL XYLENES

Figure 1C

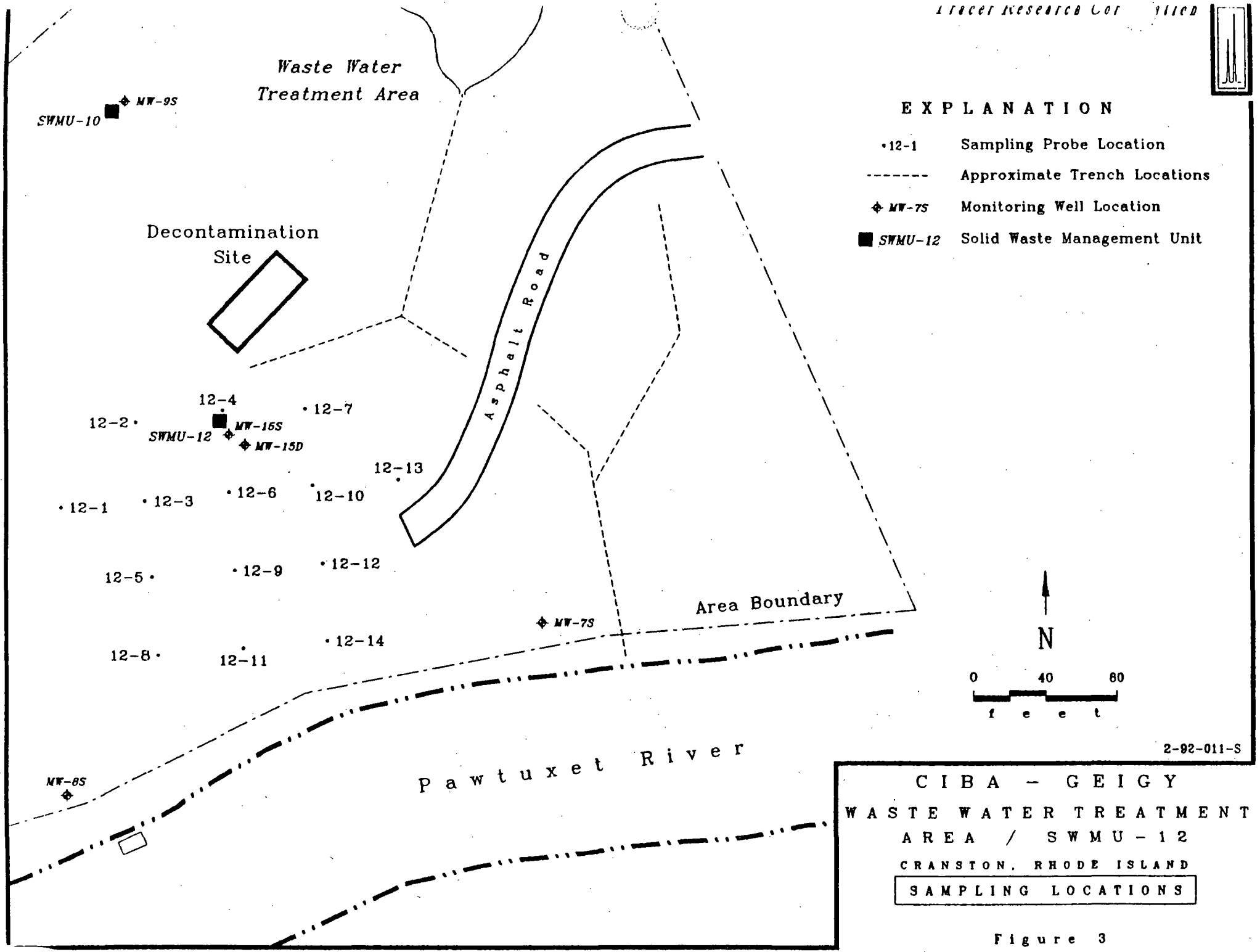
Tracer Research Corporation



2-92-011-S

CIBA - GEIGY
WARWICK AREA
SWMU - 5
CRANSTON, RHODE ISLAND
SAMPLING LOCATIONS

Figure 2



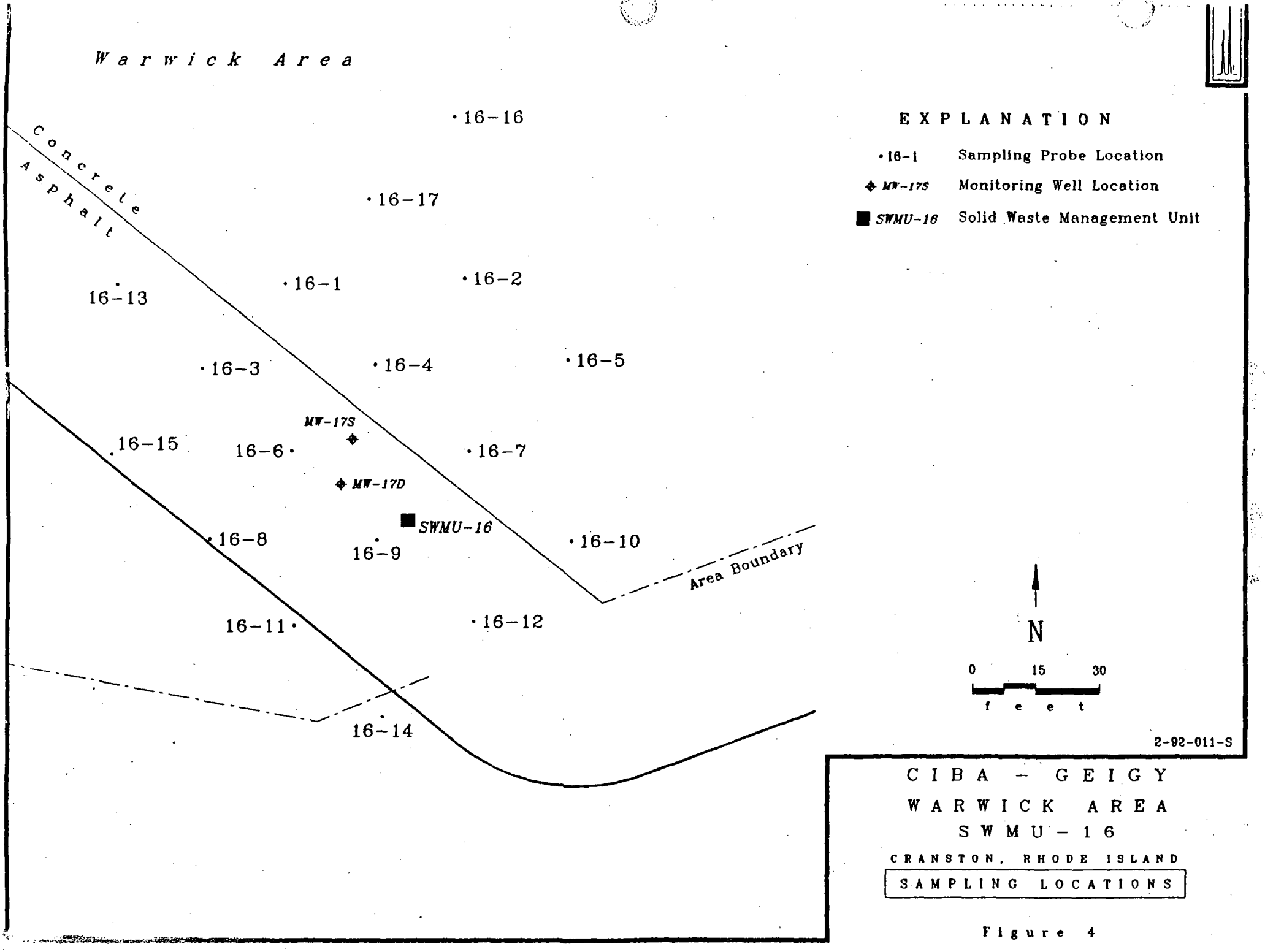
CIBA - GEIGY

WASTE WATER TREATMENT AREA / SWMU - 12

CRANSTON, RHODE ISLAND

SAMPLING LOCATIONS

Figure 3



CIBA - GEIGY

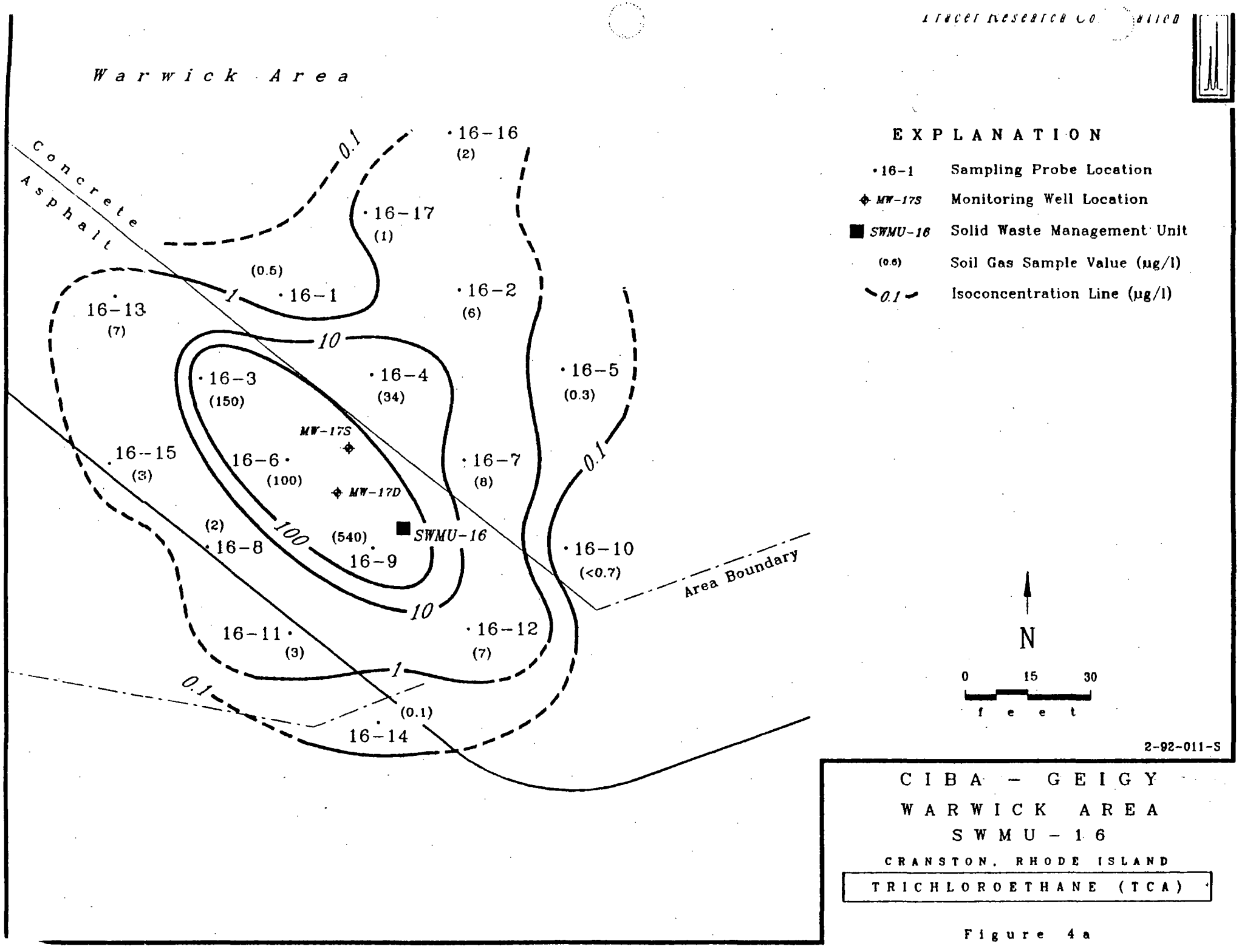
WARWICK AREA

SWMU - 16

CRANSTON, RHODE ISLAND

SAMPLING LOCATIONS

Figure 4



CIBA - GEIGY
WARWICK AREA
SWMU - 16
CRANSTON, RHODE ISLAND
TRICHLOROETHANE (TCA)

Figure 4a

APPENDIX C

Field Logbook

NOTE: The field logbook was bound separately and is on file at the Wayne, New Jersey office of Woodward-Clyde Consultants.

APPENDIX D

Three-Point Calibration

NOTE: The three-point calibration data were bound separately and are on file at the Wayne, New Jersey office of Woodward-Clyde Consultants.

APPENDIX E

Chromatograms

NOTE: The chromatograms were bound separately and are on file at the Wayne, New Jersey office of Woodward-Clyde Consultants.

CRANSTON SITE
WASTE WATER TREATMENT AREA
SURFACE WATER
ORGANIC DATA

	AREA	WWTA		WWTA	
	SAMPLE ID	SW-01P*IB-1		SW-01P*IB-2	
	COLLECT DATE	11/27/90		3/26/91	
		Result	Q	Result	Q
8080W	4,4'-DDD	0.0098	U	0.0098	U
8080W	4,4'-DDE	0.012		0.0098	U
8080W	4,4'-DDT	0.02	U	0.02	U
8080W	ALDRIN	0.016		0.0098	U
8080W	ALPHA-BHC	0.0098	U	0.0098	U
8080W	ALPHA-CHLORDANE	0.0098	U	0.0098	U
8080W	BETA-BHC	0.0098	U	0.0098	U
8080W	DELTA-BHC	0.0098	U	0.0098	U
8080W	DIELDRIN	0.0098	U	0.0098	U
8080W	ENDOSULFAN I	0.0098	U	0.0098	U
8080W	ENDOSULFAN II	0.029	U	0.029	U
8080W	ENDOSULFAN SULFATE	0.049	U	0.049	U
8080W	ENDRIN	0.0098	U	0.0098	U
8080W	ENDRIN ALDEHYDE	0.02	U	0.02	U
8080W	GAMMA-BHC	0.0098	U	0.0098	U
8080W	GAMMA-CHLORDANE	0.0098	U	0.0098	U
8080W	HEPTACHLOR	0.0098	U	0.0098	U
8080W	HEPTACHLOR EPOXIDE	0.0098	U	0.0098	U
8080W	ISODRIN	0.0098	U	0.0098	U
8080W	KEPONE	0.0098	U	0.079	
8080W	METHOXYCHLOR	0.049	U	0.049	U
8080W	PCB-1016	0.098	U	0.098	U
8080W	PCB-1221	0.2	U	0.2	U
8080W	PCB-1232	0.2	U	0.2	U
8080W	PCB-1242	0.098	U	0.098	U
8080W	PCB-1248	0.098	U	0.098	U
8080W	PCB-1254	0.2	U	0.2	U
8080W	PCB-1260	0.2	U	0.2	U
8080W	TOXAPHENE	0.49	U	0.49	U
814ZW	DIMETHOATE	0.98	U	0.95	U
814ZW	DISULFOTON	0.98	U	0.95	U
814ZW	ETHYL PARATHION	0.73	U	0.71	U
814ZW	FAMPHUR	2.4	U	2.4	U
814ZW	METHYL PARATHION	0.15	U	0.14	U
814ZW	O,O,O-TRIETHYLPHOSPHORTHIOATE	4.9	U	4.7	U
814ZW	PHORATE	0.73	U	0.71	U
814ZW	SULFOTEPP	0.49	U	0.47	U
814ZW	THIONAZIN	4.9	U	4.7	U
815ZW	2,4,5-T	0.21	U	0.2	U
815ZW	2,4,5-TP (SILVEX)	0.18	U	0.17	U
815ZW	2,4-D	1.3	U	1.2	U
815ZW	DINOSEB	0.16	U	0.15	U
8240W	1,1,1,2-TETRACHLOROETHANE	5	U	5	U
8240W	1,1,1-TRICHLOROETHANE	5	U	5	U
8240W	1,1,2,2-TETRACHLOROETHANE	5	U	5	U
8240W	1,1,2-TRICHLOROETHANE	5	U	5	U
8240W	1,1-DICHLOROETHANE	5	U	5	U
8240W	1,1-DICHLOROETHENE	5	U	5	U
8240W	1,2,3-TRICHLOROPROPANE	5	U	5	U
8240W	1,2-DIBROMO-3-CHLOROPROPANE	20	U	20	U
8240W	1,2-DIBROMOETHANE	5	U	5	U
8240W	1,2-DICHLOROETHANE	5	U	5	U
8240W	1,2-DICHLOROPROPANE	5	U	5	U
8240W	2-BUTANONE	10	U	10	U
8240W	2-CHLORO-1,3-BUTADIENE	25	U	25	U
8240W	2-HEXANONE	10	U	7	J
8240W	3-CHLOROPROPENE	5	U	5	U
8240W	4-METHYL-2-PENTANONE	10	U	10	U
8240W	ACETONE	10	U	10	U
8240W	ACETONITRILE	20	U	20	U
8240W	ACROLEIN	R		R	
8240W	ACRYLONITRILE	50	U	50	U
8240W	BENZENE	5	U	5	U
8240W	BROMODICHLOROMETHANE	5	U	5	U
8240W	BROMOFORM	5	U	5	U
8240W	BROMOMETHANE	10	U	10	U
8240W	CARBON DISULFIDE	5	U	5	U
8240W	CARBON TETRACHLORIDE	5	U	5	U
8240W	CHLOROBENZENE	5	U	5	U
8240W	CHLOROETHANE	10	U	10	U
8240W	CHLOROFORM	5	U	5	U
8240W	CHLOROMETHANE	10	U	10	U
8240W	CIS-1,3-DICHLOROPROPENE	5	U	5	U
8240W	DIBROMOCHLOROMETHANE	5	U	5	U
8240W	DIBROMOMETHANE	5	U	5	U
8240W	DICHLORODIFLUOROMETHANE	20	U	20	U
8240W	ETHYL METHACRYLATE	10	U	10	U
8240W	ETHYLBENZENE	5	U	5	U

CRANSTON SITE
WASTE WATER TREATMENT AREA
SURFACE WATER
ORGANIC DATA

	AREA	WWTA		WWTA	
	SAMPLE ID	SW-01P*IB-1		SW-01P*IB-2	
	COLLECT DATE	11/27/90		3/26/91	
		Result	Q	Result	Q
8240W	IODOMETHANE	5	U	5	U
8240W	M&P-XYLENE	5	U	5	U
8240W	METHYL METHACRYLATE	10	U	10	U
8240W	METHYLENE CHLORIDE	7.5	U	9	U
8240W	O-XYLENE	5	U	5	U
8240W	PROPANENITRILE	100	U	100	U
8240W	STYRENE	5	U	5	U
8240W	TETRACHLOROETHENE	5	U	5	U
8240W	TOLUENE	5	U	5	U
8240W	TRANS-1,2-DICHLOROETHENE	5	U	5	U
8240W	TRANS-1,3-DICHLOROPROPENE	5	U	5	U
8240W	TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	U
8240W	TRICHLOROETHENE	5	U	5	U
8240W	TRICHLOROFLUOROMETHANE	10	U	10	U
8240W	VINYL ACETATE	5	U	5	U
8240W	VINYL CHLORIDE	10	U	10	U
824DW	1,4-DIOXANE	10000	U	10000	U
824DW	ISOBUTANOL	10000	U	10000	U
824DW	METHACRYLONITRILE	10000	U	10000	U
8270W	1,2,4,5-TETRACHLOROBENZENE	10	U	9.6	U
8270W	1,2,4-TRICHLOROBENZENE	10	U	9.6	U
8270W	1,2-DICHLOROBENZENE	10	U	9.6	U
8270W	1,3-DICHLOROBENZENE	10	U	9.6	U
8270W	1,3-DINITROBENZENE	10	U	9.6	U
8270W	1,4-DICHLOROBENZENE	10	U	9.6	U
8270W	1,4-NAPHTHOQUINONE	10	U	9.6	U
8270W	1-NAPHTHYLAMINE	10	U	9.6	U
8270W	2,2'-OXYBIS(1-CHLOROPROPANE)	10	U	9.6	U
8270W	2,3,4,6-TETRACHLOROPHENOL	20	U	19	U
8270W	2,4,5-TRICHLOROPHENOL	10	U	9.6	U
8270W	2,4,6-TRICHLOROPHENOL	10	U	9.6	U
8270W	2,4-DICHLOROPHENOL	10	U	9.6	U
8270W	2,4-DIMETHYLPHENOL	10	U	9.6	U
8270W	2,4-DINITROPHENOL	51	U	48	U
8270W	2,4-DINITROTOLUENE	10	U	9.6	U
8270W	2,6-DICHLOROPHENOL	10	U	9.6	U
8270W	2,6-DINITROTOLUENE	10	U	9.6	U
8270W	2-ACETYLAMINOFLUORENE	51	U	48	U
8270W	2-CHLORONAPHTHALENE	10	U	9.6	U
8270W	2-CHLOROPHENOL	10	U	9.6	U
8270W	2-METHYLNAPHTHALENE	10	U	9.6	U
8270W	2-METHYLPHENOL	10	U	9.6	U
8270W	2-NAPHTHYLAMINE	10	U	9.6	U
8270W	2-NITROANILINE	51	U	48	U
8270W	2-NITROPHENOL	10	U	9.6	U
8270W	2-PICOLINE	10	U	9.6	U
8270W	3,3'-DICHLOROBENZIDINE	20	U	19	U
8270W	3,3'-DIMETHYLBENZIDINE	20	U	19	U
8270W	3-METHYLCHOLANTHRENE	10	U	9.6	U
8270W	3-METHYLPHENOL	10	U	9.6	U
8270W	3-NITROANILINE	51	U	48	U
8270W	4,6-DINITRO-2-METHYLPHENOL	51	U	48	U
8270W	4-AMINOBIPHENYL	10	U	9.6	U
8270W	4-BROMOPHENYL-PHENYLETHER	10	U	9.6	U
8270W	4-CHLORO-3-METHYLPHENOL	10	U	9.6	U
8270W	4-CHLOROANILINE	10	U	9.6	U
8270W	4-CHLOROPHENYL-PHENYLETHER	10	U	9.6	U
8270W	4-METHYLPHENOL	10	U	9.6	U
8270W	4-NITROANILINE	51	U	48	U
8270W	4-NITROPHENOL	51	U	48	U
8270W	4-NITROQUINOLINE-N-OXIDE	100	U	R	
8270W	5-NITRO-O-TOLUIDINE	10	U	9.6	U
8270W	7,12-DIMETHYLBENZ(A)ANTHRACENE	51	U	48	U
8270W	ACENAPHTHENE	10	U	9.6	U
8270W	ACENAPHTHYLENE	10	U	9.6	U
8270W	ACETOPHENONE	10	U	9.6	U
8270W	ANILINE	10	U	9.6	U
8270W	ANTHRACENE	10	U	9.6	U
8270W	ARAMITE	100	U	96	U
8270W	BENZO(A)ANTHRACENE	10	U	9.6	U
8270W	BENZO(A)PYRENE	10	U	9.6	U
8270W	BENZO(B)FLUORANTHENE	10	U	9.6	U
8270W	BENZO(G,H,I)PERYLENE	10	U	9.6	U
8270W	BENZO(K)FLUORANTHENE	10	U	9.6	U
8270W	BENZYL ALCOHOL	10	U	9.6	U
8270W	BIS(2-CHLOROETHOXY)METHANE	10	U	9.6	U
8270W	BIS(2-CHLOROETHYL)ETHER	10	U	9.6	U
8270W	BIS(2-ETHYLHEXYL)PHTHALATE	10	U	9.6	U

CRANSTON SITE
WASTE WATER TREATMENT AREA
SURFACE WATER
ORGANIC DATA

		AREA	WWTA		WWTA	
		SAMPLE ID	SW-01P*IB-1		SW-01P*IB-2	
		COLLECT DATE	11/27/90		3/26/91	
			Result	Q	Result	Q
8270W	BUTAZOLIDIN		51	U	48	U
8270W	BUTYLBENZYLPHTHALATE		10	U	9.6	U
8270W	CHLOROBENZILATE		10	U	9.6	U
8270W	CHRYSENE		10	U	9.6	U
8270W	DCDD		20	U	19	U
8270W	DCDF		20	U	19	U
8270W	DI-N-BUTYLPHTHALATE		10	U	9.6	U
8270W	DI-N-OCTYLPHTHALATE		10	U	9.6	U
8270W	DIALLATE		10	U	9.6	U
8270W	DIBENZ(A,H)ANTHRACENE		10	U	9.6	U
8270W	DIBENZOFURAN		10	U	9.6	U
8270W	DIETHYLPHTHALATE		10	U	9.6	U
8270W	DIMETHYLPHENETHYLAMINE		10	U	9.6	U
8270W	DIMETHYLPHTHALATE		10	U	9.6	U
8270W	DIPHENYLAMINE		10	U	9.6	U
8270W	ETHYL METHANESULFONATE		10	U	9.6	U
8270W	FLUORANTHENE		10	U	9.6	U
8270W	FLUORENE		10	U	9.6	U
8270W	HEXACHLOROBENZENE		10	U	9.6	U
8270W	HEXACHLOROBUTADIENE		10	U	9.6	U
8270W	HEXACHLOROCYCLOPENTADIENE		10	U	9.6	U
8270W	HEXACHLOROETHANE		10	U	9.6	U
8270W	HEXACHLOROPHENE		NA		1900	U
8270W	HEXACHLOROPROPENE		10	U	9.6	U
8270W	INDENO(1,2,3-CD)PYRENE		10	U	9.6	U
8270W	IRGASAN DP-300		51	U	48	U
8270W	ISOPHORONE		10	U	9.6	U
8270W	ISOSAFROLE		10	U	9.6	U
8270W	METHAPYRILENE		10	U	9.6	U
8270W	METHYL METHANESULFONATE		10	U	9.6	U
8270W	N-NITROSO-DI-N-BUTYLAMINE		10	U	9.6	U
8270W	N-NITROSO-DI-N-PROPYLAMINE		10	U	9.6	U
8270W	N-NITROSODIETHYLAMINE		10	U	9.6	U
8270W	N-NITROSODIMETHYLAMINE		10	U	9.6	U
8270W	N-NITROSODIPHENYLAMINE		10	U	9.6	U
8270W	N-NITROSOMORPHOLINE		10	U	9.6	U
8270W	N-NITROSOPIPERIDINE		10	U	9.6	U
8270W	N-NITROSOPYRROLIDINE		10	U	9.6	U
8270W	NAPHTHALENE		10	U	9.6	U
8270W	NITROBENZENE		10	U	9.6	U
8270W	O-TOLUIDINE		10	U	9.6	U
8270W	P-DIMETHYLAMINOAZOBENZENE		10	U	9.6	U
8270W	P-PHENYLENEDIAMINE		51	U	48	U
8270W	PENTACHLOROBENZENE		10	U	9.6	U
8270W	PENTACHLOROETHANE		10	U	9.6	U
8270W	PENTACHLORONITROBENZENE		10	U	9.6	U
8270W	PENTACHLOROPHENOL		51	U	48	U
8270W	PHENACETIN		10	U	9.6	U
8270W	PHENANTHRENE		10	U	9.6	U
8270W	PHENOL		10	U	9.6	U
8270W	PRONAMIDE		10	U	9.6	U
8270W	PROPAZINE		51	U	48	U
8270W	PYRENE		10	U	9.6	U
8270W	PYRIDINE		10	U	9.6	U
8270W	SAFROLE		10	U	9.6	U
8270W	TINUVIN 327		51	U	48	U
8270W	TOFRANIL		51	U	48	U
8270W	TRCDD		20	U	19	U
8270W	TRCDF		20	U	19	U
SOWZW	2,3,7,8-TCDD		R		R	
SOWZW	HXCDD		R		R	
SOWZW	HXCDF		R		R	
SOWZW	PECDD		R		R	
SOWZW	PECDF		R		R	
SOWZW	TCDD		R		R	
SOWZW	TCDF		R		R	

All results in ug/l (ppb).
U - Undetected.
J- Estimated Result.
R - Rejected Result.
NA - Not Analyzed

CRANSTON SITE
WASTE WATER TREATMENT AREA
SURFACE WATER
INORGANIC DATA

	AREA	WWTA		WWTA		WWTA		WWTA	
	SAMPLE ID	SW-01P [D]		SW-01P [T]		SW-01P*IB-2 [D]		SW-01P*IB-2 [T]	
	COLLECT DATE	11/27/90		11/27/90		3/26/91		3/26/91	
		Result	Q	Result	Q	Result	Q	Result	Q
6010W	BARIUM	73		37		23		30	
6010W	BERYLLIUM	2	U	2	U	2	U	2	U
6010W	CADMIUM	5	U	5	U	5	U	5	U
6010W	CALCIUM	14900		15700		11600		12300	
6010W	CHROMIUM	10	U	10	U	10	U	10	U
6010W	COBALT	10	U	10	U	10	U	10	U
6010W	COPPER	20	U	20	U	20	U	20	U
6010W	IRON	220		1800		157		850	
6010W	MAGNESIUM	1920		2000		1470		1650	
6010W	MANGANESE	22		47		22		49	
6010W	NICKEL	20	U	20	U	20	U	20	U
6010W	POTASSIUM	4430	J	4200	J	3000	U	3000	U
6010W	SILVER	10	U	10	U	10	U	10	U
6010W	SODIUM	27700		28300		16100		16800	
6010W	VANADIUM	20	U	20	U	20	U	20	U
6010W	ZINC	46		65		33		48	
7041W	ANTIMONY	7	U	7	U	7	U	7	U
7060W	ARSENIC	4	U	4	U	4	U	4	U
7421W	LEAD	6.4		29		3	U	7.9	J
747ZW	MERCURY	0.2	U	0.2	U	0.2	U	0.2	U
7740W	SELENIUM	5	U	5	U	5	U	5	U
7841W	THALLIUM	5	U	5	U	5	U	5	U
9010W	CYANIDE	NA		10	U	NA		10	U
SNZZW	TIN	100	U	100	U	100	U	100	U

All results in ug/l (ppb).
U - Undetected
J - Estimated Result.
R - Rejected Result.
NA - Not Analyzed.

CRANSTON SITE
WASTE WATER TREATMENT AREA
SEDIMENT
ORGANIC DATA

	SAMPLE ID	WWTA		WWTA		WWTA		WWTA		WWTA	
	DUPLICATE ID	SD-01P*IB-1		SD-01P*IB-2		SD-02P*IB-1		SD-10P3*II-1		SD-10P4*II-1	
	COLLECT DATE	11/29/90		3/29/91		11/29/90		8/11/93		8/11/93	
	DEPTH RANGE (FT)	0 TO 0.5		0 TO 0.5		0 TO 0.5		0 TO 0.5		0 TO 0.5	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
8080S	4,4'-DDD	0.014	J	0.013	J	0.015	U	0.0043	U	0.0072	
8080S	4,4'-DDE	0.015	U	0.022	J	0.015	U	0.0043	U	0.011	
8080S	4,4'-DDT	0.03	U	0.0097	J	0.03	U	0.0043	U	0.0056	U
8080S	ALDRIN	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	ALPHA-BHC	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	ALPHA-CHLORDANE	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0045	J
8080S	BETA-BHC	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	CHLOROBENZILATE	NA		NA		NA		0.022	U	0.029	U
8080S	DELTA-BHC	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	DIELDRIN	0.015	U	0.0018	U	0.015	U	0.0043	U	0.0056	U
8080S	ENDOSULFAN I	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	ENDOSULFAN II	0.044	U	0.0055	U	0.046	U	0.0043	U	0.0056	U
8080S	ENDOSULFAN SULFATE	0.074	U	0.0092	U	0.076	U	0.0043	U	0.0056	U
8080S	ENDRIN	0.015	U	0.002		0.015	U	0.0043	U	0.007	J
8080S	ENDRIN ALDEHYDE	0.03	U	0.0037	U	0.03	U	0.0043	U	0.0056	U
8080S	GAMMA-BHC	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	GAMMA-CHLORDANE	0.015	U	0.0018	U	0.015	U	0.0034	J	0.017	J
8080S	HEPTACHLOR	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	HEPTACHLOR EPOXIDE	0.015	U	0.0018	U	0.015	U	0.0022	U	0.0029	U
8080S	ISODRIN	0.015	U	0.0018	U	0.015	U	0.0043	U	0.0056	U
8080S	KEPONE	0.015	U	0.057	J	0.015	U	0.022	U	0.029	U
8080S	METHOXYCHLOR	0.074	U	0.0092	U	0.076	U	0.022	U	0.029	U
8080S	PCB-1016	0.15	U	0.018	U	0.15	U	0.043	U	0.056	U
8080S	PCB-1221	0.3	U	0.037	U	0.3	U	0.087	U	0.11	U
8080S	PCB-1232	0.3	U	0.037	U	0.3	U	0.043	U	0.056	U
8080S	PCB-1242	0.15	U	0.018	U	0.15	U	0.043	U	0.056	U
8080S	PCB-1248	0.15	U	0.018	U	0.15	U	0.043	U	0.056	U
8080S	PCB-1254	0.3	U	0.037	U	0.3	U	0.043	U	0.056	U
8080S	PCB-1260	0.3	U	0.037	U	0.3	U	0.043	U	0.056	U
8080S	TOXAPHENE	0.74	U	0.092	U	0.76	U	0.22	U	0.29	U
814ZS	DIMETHOATE	0.76	U	0.18	U	0.8	U	0.43	U	0.56	U
814ZS	DISULFOTON	0.76	U	0.18	U	0.8	U	0.17	U	0.22	U
814ZS	ETHYL PARATHION	0.57	U	0.14	U	0.6	U	0.043	U	0.056	U
814ZS	FAMPHUR	1.9	U	0.46	U	2	U	0.43	U	0.56	U
814ZS	METHYL PARATHION	0.11	U	0.027	U	0.12	U	0.022	U	0.029	U
814ZS	O,O,O-TRIETHYLPHOSPHORTHIOATE	3.8	U	0.92	U	4	U	NA		NA	
814ZS	PHORATE	0.57	U	0.14	U	0.6	U	0.043	U	0.056	U
814ZS	SULFOTEPP	0.38	U	0.092	U	0.4	U	0.022	U	0.029	U
814ZS	THIONAZIN	3.8	U	0.92	U	4	U	0.043	U	0.056	U
815ZS	2,4,5-T	0.15	U	0.035	U	0.16	U	0.022	U	0.029	U
815ZS	2,4,5-TP (SILVEX)	0.13	U	0.029	U	0.13	U	0.022	U	0.029	U
815ZS	2,4-D	0.92	U	0.21	U	0.93	U	0.022	U	0.029	U
815ZS	DINOSEB	0.12	U	0.026	U	0.12	U	NA		NA	
8240S	1,1,1,2-TETRACHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,1,1-TRICHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,1,2,2-TETRACHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,1,2-TRICHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,1-DICHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,1-DICHLOROETHENE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,2,3-TRICHLOROPROPANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,2-DIBROMO-3-CHLOROPROPANE	0.62	U	0.74	U	0.63	U	0.013	U	0.017	U
8240S	1,2-DIBROMOETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,2-DICHLOROETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	1,2-DICHLOROPROPANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	2-BUTANONE	0.31	U	0.37	U	0.32	U	0.032	U	0.042	U
8240S	2-CHLORO-1,3-BUTADIENE	0.77	U	0.93	U	0.79	U	0.013	U	0.017	U
8240S	2-HEXANONE	0.31	U	0.37	U	0.32	U	0.032	U	0.042	U
8240S	3-CHLOROPROPENE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	4-METHYL-2-PENTANONE	0.31	U	0.37	U	0.32	U	0.032	U	0.042	U
8240S	ACETONE	0.31	U	0.37	U	0.32	U	0.032	U	0.19	
8240S	ACETONITRILE	0.62	U	0.74	U	0.63	U	0.26	U	0.34	U
8240S	ACROLEIN	R		R		R		0.26	U	0.34	U
8240S	ACRYLONITRILE	1.5	U	1.9	U	1.6	U	0.13	U	0.17	U
8240S	BENZENE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	BROMODICHLOROMETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	BROMOFORM	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	BROMOMETHANE	0.31	U	0.37	U	0.32	U	0.013	U	0.017	U
8240S	CARBON DISULFIDE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	CARBON TETRACHLORIDE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	CHLOROBENZENE	0.15	U	0.12	J	0.16	U	0.0065	U	0.0085	U
8240S	CHLOROETHANE	0.31	U	0.37	U	0.32	U	0.013	U	0.017	U
8240S	CHLOROFORM	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	CHLOROMETHANE	0.31	U	0.37	U	0.32	U	0.013	U	0.017	U
8240S	CIS-1,3-DICHLOROPROPENE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	DIBROMOCHLOROMETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U
8240S	DIBROMOMETHANE	0.15	U	0.19	U	0.16	U	0.0065	U	0.0085	U

CRANSTON SITE
WASTE WATER TREATMENT AREA
SEDIMENT
ORGANIC DATA

	SAMPLE ID	WWTA	WWTA	WWTA	WWTA	WWTA
	DUPLICATE ID	SD-01P*IB-1	SD-01P*IB-2	SD-02P*IB-1	SD-10P3*II-1	SD-10P4*II-1
	COLLECT DATE	11/29/90	3/29/91	11/29/90	8/11/93	8/11/93
	DEPTH RANGE (FT)	0 TO 0.5	0 TO 0.5	0 TO 0.5	0 TO 0.5	0 TO 0.5
		Result Q	Result Q	Result Q	Result Q	Result Q
8240S	DICHLORODIFLUOROMETHANE	0.62 U	0.74 U	0.63 U	0.0065 U	0.0085 U
8240S	ETHYL METHACRYLATE	0.31 U	0.37 U	0.32 U	0.0065 U	0.0085 U
8240S	ETHYLBENZENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	IODOMETHANE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	ISOBUTANOL	NA	NA	NA	R	R
8240S	M&P-XYLENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.01 J
8240S	METHACRYLONITRILE	NA	NA	NA	0.13 U	0.17 U
8240S	METHYL METHACRYLATE	0.31 U	0.37 U	0.32 U	0.0065 U	0.0085 U
8240S	METHYLENE CHLORIDE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	O-XYLENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	PENTACHLOROETHANE	NA	NA	NA	0.032 U	0.042 U
8240S	PROPANENITRILE	3.1 U	3.7 U	3.2 U	0.26 U	0.34 U
8240S	STYRENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	TETRACHLOROETHENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	TOLUENE	0.15 U	0.24	0.16 U	0.0065 U	0.0085 U
8240S	TRANS-1,2-DICHLOROETHENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	TRANS-1,3-DICHLOROPROPENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	TRANS-1,4-DICHLORO-2-BUTENE	0.31 U	0.37 U	0.32 U	0.0065 U	0.0085 U
8240S	TRICHLOROETHENE	0.15 U	0.19 U	0.16 U	0.0065 U	0.0085 U
8240S	TRICHLOROFLUOROMETHANE	0.31 U	0.37 U	0.32 U	0.0065 U	0.0085 U
8240S	VINYL ACETATE	0.15 U	0.19 U	0.16 U	0.013 U	0.017 U
8240S	VINYL CHLORIDE	0.31 U	0.37 U	0.32 U	0.013 U	0.017 U
824DS	1,4-DIOXANE	15 U	19 U	16 U	NA	NA
824DS	ISOBUTANOL	15 U	19 U	16 U	NA	NA
824DS	METHACRYLONITRILE	15 U	19 U	16 U	NA	NA
8270S	1,2,4,5-TETRACHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,2,4-TRICHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,2-DICHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,3,5-TRINITROBENZENE	NA	NA	NA	0.43 U	0.56 U
8270S	1,3-DICHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,3-DINITROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,4-DICHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1,4-DIOXANE	NA	NA	NA	0.43 U	0.56 U
8270S	1,4-NAPHTHOQUINONE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	1-NAPHTHYLAMINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,2'-OXYBIS(1-CHLOROPROPANE)	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,3,4,6-TETRACHLOROPHENOL	2.9 U	3.6 U	3.1 U	2.2 U	2.9 U
8270S	2,4,5-TRICHLOROPHENOL	1.5 U	1.8 U	1.5 U	2.2 U	2.9 U
8270S	2,4,6-TRICHLOROPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,4-DICHLOROPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,4-DIMETHYLPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,4-DINITROPHENOL	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	2,4-DINITROTOLUENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,6-DICHLOROPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2,6-DINITROTOLUENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-ACETYLAMINOFLUORENE	7.3 U	9 U	7.6 U	0.43 U	0.56 U
8270S	2-CHLORONAPHTHALENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-CHLOROPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-METHYLNAPHTHALENE	1.5 U	1.8 U	1.5 U	0.43 U	0.28 J
8270S	2-METHYLPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-NAPHTHYLAMINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-NITROANILINE	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	2-NITROPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	2-PICOLINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	3&4-METHYLPHENOL	NA	NA	NA	0.43 U	0.56 U
8270S	3,3'-DICHLOROBENZIDINE	2.9 U	3.6 U	3.1 U	0.86 U	1.1 U
8270S	3,3'-DIMETHYLBENZIDINE	2.9 U	3.6 U	3.1 U	0.26 U	0.34 U
8270S	3-METHYLCHOLANTHRENE	1.5 U	1.8 U	1.5 U	0.26 U	0.34 U
8270S	3-METHYLPHENOL	1.5 U	1.8 U	1.5 U	NA	NA
8270S	3-NITROANILINE	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	4,6-DINITRO-2-METHYLPHENOL	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	4-AMINOBIPHENYL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	4-BROMOPHENYL-PHENYLETHER	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	4-CHLORO-3-METHYLPHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	4-CHLOROANILINE	1.5 U	1.8 U	1.5 U	0.86 U	1.1 U
8270S	4-CHLOROPHENYL-PHENYLETHER	1.5 U	0.28 J	0.19 J	0.43 U	0.56 U
8270S	4-METHYLPHENOL	1.5 U	1.8 U	1.5 U	NA	NA
8270S	4-NITROANILINE	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	4-NITROPHENOL	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	4-NITROQUINOLINE-N-OXIDE	R	R	R	R	R
8270S	5-NITRO-O-TOLUIDINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	7,12-DIMETHYLBENZ(A)ANTHRACENE	7.3 U	9 U	7.6 U	0.26 U	0.34 U
8270S	ACENAPHTHENE	1.5 U	1.8 U	1.5 U	0.43 U	1
8270S	ACENAPHTHYLENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	ACETOPHENONE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	ANILINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U

CRANSTON SITE
WASTE WATER TREATMENT AREA
SEDIMENT
ORGANIC DATA

	SAMPLE ID	WWTA	WWTA	WWTA	WWTA	WWTA
	DUPLICATE ID	SD-01P*IB-1	SD-01P*IB-2	SD-02P*IB-1	SD-10P3*II-1	SD-10P4*II-1
	COLLECT DATE	11/29/90	3/29/91	11/29/90	8/11/93	8/11/93
	DEPTH RANGE (FT)	0 TO 0.5	0 TO 0.5	0 TO 0.5	0 TO 0.5	0 TO 0.5
		Result Q	Result Q	Result Q	Result Q	Result Q
8270S	ANTHRACENE	1.5 U	1.8 U	1.5 U	0.43 U	1.8
8270S	ARAMITE	15 U	18 U	15 U	R	R
8270S	BENZO(A)ANTHRACENE	0.18 J	0.16 J	1.5 U	0.3 U	3.2
8270S	BENZO(A)PYRENE	1.5 U	0.14 J	1.5 U	0.059 J	2.8
8270S	BENZO(B)FLUORANTHENE	0.32 J	0.25 J	0.46 J	0.083 J	3.4
8270S	BENZO(G,H,I)PERYLENE	1.5 U	1.8 U	1.5 U	0.43 U	1.3 J
8270S	BENZO(K)FLUORANTHENE	0.34 J	0.28 J	0.48 J	0.3 U	1.3
8270S	BENZYL ALCOHOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	BIS(2-CHLOROETHOXY)METHANE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	BIS(2-CHLOROETHYL)ETHER	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	BIS(2-ETHYLHEXYL)PHTHALATE	1.1 J	1.8 U	0.78 J	0.48	0.57
8270S	BUTAZOLIDIN	7.3 U	9 U	7.6 U	NA	NA
8270S	BUTYLBENZYLPHTHALATE	1.5 U	1.8 U	1.5 U	0.43 U	0.15 J
8270S	CHLOROBENZILATE	1.5 U	1.8 U	1.5 U	NA	NA
8270S	CHRYSENE	0.22 J	0.24 J	0.25 J	0.084 J	3.5
8270S	DCDD	2.9 U	3.6 U	3.1 U	NA	NA
8270S	DCDF	0.4 J	3 J	2.2 J	0 U	0 U
8270S	DI-N-BUTYLPHTHALATE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	DI-N-OCTYLPHTHALATE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	DIALLATE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	DIBENZ(A,H)ANTHRACENE	1.5 U	1.8 U	1.5 U	0.26 U	0.46 J
8270S	DIBENZOFURAN	1.5 U	1.8 U	1.5 U	0.43 U	0.56 J
8270S	DIETHYLPHTHALATE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	DIMETHYLPHENETHYLAMINE	R	1.8 U	R	2.2 U	2.9 U
8270S	DIMETHYLPHTHALATE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	DINOSEB	NA	NA	NA	0.43 U	0.56 U
8270S	DIPHENYLAMINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	ETHYL METHANESULFONATE	1.5 U	1.8 U	1.5 U	0.039 U	0.051 U
8270S	FLUORANTHENE	0.34 J	0.53 J	0.41 J	0.12 J	5.6
8270S	FLUORENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	HEXACHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	HEXACHLOROBUTADIENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	HEXACHLOROCYCLOPENTADIENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	HEXACHLOROETHANE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	HEXACHLOROPHENE	NA	360 U	NA	NA	NA
8270S	HEXACHLOROPROPENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	INDENO(1,2,3-CD)PYRENE	1.5 U	0.16 J	1.5 U	0.26 U	1.6 J
8270S	IRGASAN DP-300	7.3 U	9 U	7.6 U	NA	NA
8270S	ISOPHORONE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	ISOSAFROLE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	METHAPYRILENE	1.5 U	1.8 U	1.5 U	4.3 U	5.6 U
8270S	METHYL METHANESULFONATE	1.5 U	1.8 U	1.5 U	0.039 U	0.051 U
8270S	N-NITROSO-DI-N-BUTYLAMINE	1.5 U	1.8 U	1.5 U	0.39 U	0.51 U
8270S	N-NITROSO-DI-N-PROPYLAMINE	1.5 U	1.8 U	1.5 U	0.26 U	0.34 U
8270S	N-NITROSODIETHYLAMINE	1.5 U	1.8 U	1.5 U	0.017 U	0.022 U
8270S	N-NITROSODIMETHYLAMINE	1.5 U	1.8 U	1.5 U	0.064 U	0.083 U
8270S	N-NITROSODIPHENYLAMINE	1.5 U	1.8 U	1.5 U	NA	NA
8270S	N-NITROSOMETHYLETHYLAMINE	NA	NA	NA	0.43 U	0.56 U
8270S	N-NITROSOMORPHOLINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	N-NITROSOPIPERIDINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	N-NITROSOPYRROLIDINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	NAPHTHALENE	1.5 U	1.8 U	1.5 U	0.43 U	0.82
8270S	NITROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	O,O,O-TRIETHYLPHOSPHOROTHIOATE	NA	NA	NA	0.43 U	0.56 U
8270S	O-TOLUIDINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	P-DIMETHYLAMINOAZOBENZENE	1.5 U	1.8 U	1.5 U	0.039 U	0.051 U
8270S	P-PHENYLENEDIAMINE	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	PENTACHLOROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	PENTACHLOROETHANE	1.5 U	1.8 U	1.5 U	NA	NA
8270S	PENTACHLORONITROBENZENE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	PENTACHLOROPHENOL	7.3 U	9 U	7.6 U	2.2 U	2.9 U
8270S	PHENACETIN	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	PHENANTHRENE	0.2 J	0.2 J	0.23 J	0.048 J	5.2
8270S	PHENOL	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	PRONAMIDE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	PROPAZINE	7.3 U	9 U	7.6 U	NA	NA
8270S	PYRENE	0.41 J	0.25 J	0.5 J	0.114 J	5.5
8270S	PYRIDINE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	SAFROLE	1.5 U	1.8 U	1.5 U	0.43 U	0.56 U
8270S	TINUVIN 327	0.23 J	9 U	0.51 J	NA	NA
8270S	TINUVIN 328	NA	NA	NA	2.8	7.3
8270S	TOFRANIL	7.3 U	9 U	7.6 U	NA	NA
8270S	TRCDD	2.9 U	3.6 U	3.1 U	NA	NA
8270S	TRCDF	1.4 J	5	5.8	0 U	0 U
SOWZS	1,2,3,4,6,7,8-HPCDD	NA	NA	NA	0.000026 U	0.000032 U
SOWZS	1,2,3,4,6,7,8-HPCDF	NA	NA	NA	0.000028 U	0.000034 U

CRANSTON SITE
WASTE WATER TREATMENT AREA
SEDIMENT
ORGANIC DATA

SAMPLE ID	WWTA		WWTA		WWTA		WWTA		WWTA	
DUPLICATE ID	SD-01P*IB-1		SD-01P*IB-2		SD-02P*IB-1		SD-10P3*II-1		SD-10P4*II-1	
COLLECT DATE	11/29/90		3/29/91		11/29/90		8/11/93		8/11/93	
DEPTH RANGE (FT)	0 TO 0.5		0 TO 0.5		0 TO 0.5		0 TO 0.5		0 TO 0.5	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SOWZS 1,2,3,4,7,8,9-HPCDF	NA		NA		NA		0.000036	U	0.000043	U
SOWZS 1,2,3,4,7,8-HXCDD	NA		NA		NA		0.000054	U	0.000071	U
SOWZS 1,2,3,4,7,8-HXCDF	NA		NA		NA		0.000034	U	0.000043	U
SOWZS 1,2,3,6,7,8-HXCDD	NA		NA		NA		0.000056	U	0.000073	U
SOWZS 1,2,3,6,7,8-HXCDF	NA		NA		NA		0.000031	U	0.00004	U
SOWZS 1,2,3,7,8,9-HXCDD	NA		NA		NA		0.000049	U	0.000064	U
SOWZS 1,2,3,7,8,9-HXCDF	NA		NA		NA		0.000039	U	0.00005	U
SOWZS 1,2,3,7,8-PECDD	NA		NA		NA		0.000054	U	0.00007	U
SOWZS 1,2,3,7,8-PECDF	NA		NA		NA		0.000033	U	0.000041	U
SOWZS 2,3,4,6,7,8-HXCDF	NA		NA		NA		0.000035	U	0.000045	U
SOWZS 2,3,4,7,8-PECDF	NA		NA		NA		0.000034	U	0.000042	U
SOWZS 2,3,7,8-TCDD	R		R		R		0.000028	U	0.000046	U
SOWZS 2,3,7,8-TCDF	NA		NA		NA		0.000022	F	0.000046	F
SOWZS HPCDD	NA		NA		NA		0.000026	U	0.000032	U
SOWZS HPCDF	NA		NA		NA		0.000028	U	0.000034	U
SOWZS HXCDD	R		R		R		0.000049	U	0.000064	U
SOWZS HXCDF	R		R		R		0.000031	U	0.00004	U
SOWZS OCDD	NA		NA		NA		0.00021	J	0.00025	J
SOWZS OCDF	NA		NA		NA		0.000043	U	0.000083	U
SOWZS PECDD	R		R		R		0.000054	U	0.00007	U
SOWZS PECDF	R		R		R		0.000033	U	0.000041	U
SOWZS TCDD	R		R		R		0.000028	U	0.000046	U
SOWZS TCDF	R		R		R		0.00026	J	0.00042	J

All results in mk/kg (ppm)
U - Undetected.
J- Estimated Result.
R - Rejected Result.
NA - Not Analyzed.

CRANSTON SITE
WASTE WATER TREATMENT AREA
SEDIMENT
INORGANIC DATA

	SAMPLE ID	WWTA		WWTA		WWTA		WWTA		WWTA	
	DUPLICATE ID	SD-01P*IB-1		SD-01P*IB-2		SD-02P*IB-1		SD-10P3*II-1		SD-10P4*II-1	
	COLLECT DATE	11/29/90		3/29/91		11/29/90		8/11/93		8/11/93	
	Depth Range (ft)	0 to 0.5		0 to 0.5		0 to 0.5		0 to 0.5		0 to 0.5	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
6010S	BARIUM	28	J	41.6	J	23	J	19.7	J	43	J
6010S	BERYLLIUM	0.53		0.5	J	0.37		0.23	J	0.8	J
6010S	CADMIUM	0.53	U	0.57	J	0.55	U	NA		NA	
6010S	CALCIUM	1550	J	3040	J	1130	J	NA		NA	
6010S	CHROMIUM	8.9	J	8	J	6.5	J	5.3		11.1	
6010S	COBALT	3.2	J	3.3		2.5	J	2.8	J	5.3	J
6010S	COPPER	15.9	J	19.2	J	13.7	J	11.1		32.1	
6010S	IRON	8000		7650		6370		NA		NA	
6010S	MAGNESIUM	1090	J	975		906	J	NA		NA	
6010S	MANGANESE	94.3	J	176		72.2	J	NA		NA	
6010S	NICKEL	6.8	U	6.7	J	9.4	U	5.5		10.6	
6010S	POTASSIUM	441		400		360		NA		NA	
6010S	SILVER	1.1	U	1.1	U	1.1	U	0.27	U	0.45	U
6010S	SODIUM	113	U	266		126	U	NA		NA	
6010S	VANADIUM	11.9		10.7		8.8		7.1		15.2	
6010S	ZINC	142	J	236	J	161	J	56.3		192	
7041S	ANTIMONY	0.85	U	0.71	U	0.85	U	NA		NA	
7060S	ARSENIC	5.9	J	10.7		4.3	J	2	J	4.9	J
7421S	LEAD	50.5		103	J	32.8		23.4	J	83.6	J
747ZS	MERCURY	0.07	U	0.082	U	0.07	U	NA		NA	
7740S	SELENIUM	0.61	U	0.506		0.61	U	0.19	U	0.68	U
7841S	THALLIUM	0.61	U	0.506		0.61	U	0.09	U	0.16	U
9010S	CYANIDE	0.68	U	0.49	U	0.71	U	NA		NA	
SNZZS	TIN	11	U	11	U	11	U	NA		NA	

All resuls in mg/kg (ppm)

U - Undetected

J - Estimated Result.

R - Rejected Result.

NA - Not analyzed.

A.1 FATE AND TRANSPORT OF CHEMICALS OF INTEREST

This section addresses the overall processes which affect chemical fate, stability and transport of chemicals of interest. These processes are physical, chemical, and biological in nature. Section 5.3 of the report presents site-specific data to describe the fate and transport of chemicals of interest.

Physical parameters pertaining to the behavior of individual chemicals include: hydraulic gradients, hydraulic conductivity, specific gravity (density), advection, dispersion, water solubility, vapor pressure and Henry's Law Constants.

Chemical parameters include: the hydrophobicity of the chemical of interest (K_{ow}) partitioning of organics between the groundwater and soil; organic carbon-water partitioning coefficient (K_{oc}); the fraction of naturally occurring organic carbon in the soil; the adsorptive nature of the chemicals; groundwater or soil conditions such as Eh/pH; chemical reactions such as hydrolysis; as well as biological reactions.

Biological reactions involve the use of organic compounds as nutrient sources by microorganisms during aerobic (the presence of oxygen) and anaerobic (the absence of oxygen) biodegradation. Biodegradation requires the presence of microbial populations which have the ability to metabolize chemical constituents in a suitable environment.

A.1.1 Transport Mechanisms

Transport of the dissolved phase chemicals of interest is discussed in this section. Chemical and physical properties for the organic compounds of interest are presented in Table 5-1 of the report. Potential modes of chemical degradation are summarized in Table 5-2 and transport properties are summarized in Table 5-3 of the report. The following sub-sections describe the physical and chemical properties that influence the transport of organic compounds.

A.1.1.1 Physical Factors

Physical factors which effect the transport of dissolved constituents are factors which govern the flow of groundwater such as vertical and horizontal hydraulic gradients; vertical and horizontal hydraulic conductivities of the geologic material (vertical and horizontal groundwater seepage velocity); advection of dissolved constituents and chemical dispersion; precipitation/infiltration; unsaturated zone considerations; and the specific gravity (density) of the chemicals of interest.

Advection is the process in which dissolved constituents are transported by the motion of flowing groundwater. Constituents migrating by advection are also affected by dispersion. Dispersion is the process which results in a spreading of the dissolved constituents outside of the path that would be expected solely from advection as a result of groundwater velocity variations within the geologic material. Dispersion takes into account mechanical mixing of the dissolved constituents with clean groundwater and the effects of molecular diffusion. Dispersion is highest in the longitudinal direction and limited in the vertical and transverse directions.

The specific gravity of chemicals of interest may be an important factor in their migration in groundwater. In situations where groundwater flow is generally horizontal, chemicals with a specific gravity lower than one (density < 1 g/cm^3) would tend to stay in the upper zones of groundwater flow whereas dissolved organic compounds with specific gravities greater than one (density > 1 g/cm^3) would tend to predominate in the lower zones. Percent level concentrations are generally required in order for the density effects to be significant.

A.1.1.2 Chemical Factors

A chemical factor which affects the transport of dissolved organic constituents in groundwater is the partitioning of organics between the groundwater and soil. The octanol-water partitioning coefficient (K_{ow}) is a measure of the distribution of a chemical at equilibrium conditions between octanol (an organic solvent) and water (a polar solvent). This factor gives an indication whether the chemical constituent is hydrophilic (water-loving) or hydrophobic (water-hating). In general, chemicals which have K_{ow} values less than 10 ($\log K_{ow} < 1$) are considered hydrophilic, whereas chemicals with K_{ow} values greater than 120,000 ($\log K_{ow} > 4$) are considered hydrophobic.

The tendency for organic compounds to partition between water and organic carbon can be described by the organic carbon-water partitioning coefficient (K_{oc}) which can be estimated from the K_{ow} using numerous empirical relationships (Dominico and Schwartz, 1990). Generally, compounds with higher K_{oc} values partition preferentially to organic carbon in soil and sediments, and are expected to be less mobile in groundwater.

The partitioning of organic compounds between the groundwater and soil (K_d) can be determined by multiplying the K_{oc} by the fraction of organic carbon (f_{oc}) present in the soil matrix (Dominico and Schwartz, 1990):

$$K_d = K_{oc} * f_{oc}$$

where:

K_d = the groundwater-soil partitioning coefficient;

K_{oc} = the organic carbon partitioning coefficient; and
f_{oc} = the fraction of organic carbon in the soil matrix.

This relationship suggests that the higher the f_{oc} levels in the soil matrix, the more attenuation by adsorption is occurring. This relationship is based upon the percentage of natural organic carbon within the soil matrix. Consequently, soil or rock with low f_{oc} values would not be expected to attenuate organic compounds, and those with higher natural organic content (such as shallow soils and peat bogs) would be expected to attenuate organic compounds.

The relationship between the partitioning of organics to the soil matrix and the consequent effect of the transport of these organics is related by the retardation factor (R) given as:

$$R = 1 + \frac{P_b}{n_e} K_d$$

where:
P_b = soil bulk density;
K_d = groundwater - soil partition coefficient; and
n_e = effective porosity.

The resulting average migration velocity of the organic compound in groundwater (Vc) can then be estimated using the following relationship:

$$V_c = \frac{V_s}{R}$$

where:
V_s = the average seepage velocity of the groundwater; and
R = retardation factor.

A.1.2 Fate Mechanisms

The fate of organic compounds of interest is a function of volatilization to the soil gas (and eventually to the atmosphere), abiotic chemical reactions such as hydrolysis, and biological degradation. Biodegradation or organic compounds involves both aerobic degradation and anaerobic degradation.

Volatilization

Volatilization of organic compounds into the soil-gas from organic compounds dissolved in groundwater can be estimated using Henry's Law Constants. Chemicals with higher Henry's Law Constants (Table 5-1 of the report) undergo volatilization. Chemicals with Henry's Law Constants greater than 0.001 (1×10^{-3}) tend to volatilize readily from soil, groundwater or surface water.

The net effect of volatilization processes would be the reduction in concentration levels within each medium (groundwater, surface water, soils and sediments) with time.

Some re-dissolving of the soil gas phase with infiltrating water could also occur at the site. Dissolved organic compounds in the upper soil zones can migrate downward in response to infiltration recharge and hydraulic gradients. Consequently, residual chemicals in the unsaturated zone could be subject to volatilization and downward seepage (infiltration). Re-dissolution from the soil vapor phase is expected to be a minor contributor in the net flux of chemicals.

Abiological Chemical Degradation

Abiological chemical degradation includes any transformation reaction that operates on organic compounds which is not mediated by microorganisms. Hydrolysis is an abiotic chemical degradation reaction where an organic molecule reacts with water or a component ion of water such as H+ or OH-. Many organics which do not biodegrade will be transformed by hydrolysis.

Chlorinated solvents such as TCE are susceptible to abiological degradation; however, this degradation pathway often does not constitute a major attenuation mechanism. Petroleum hydrocarbons (benzene, toluene, and xylene) and PAHs are not particularly susceptible to abiological degradation.

Biodegradation

Transformation processes which are catalyzed by microbial activity are referred to as biodegradation reactions. The broad diversity of organic compounds in the environment and the complexity of microbial reactions in general make it difficult to evaluate biodegradation. Biodegradation requires a microbial population sufficiently adapted to use the chemicals of interest as an energy source. Biodegradation reactions also require an electron acceptor for the reaction to occur. Aerobic biodegradation uses oxygen as an electron acceptor. Petroleum hydrocarbons and PAHs can be susceptible to aerobic biodegradation. This process, however, is limited by the availability of oxygen.

In oxygen-limited environments, NO^{-3}, Fe^{+3}, Mn^{+4}, SO_4^{2-}, and CO_2 can be used as electron acceptors. Reactions of this type are known as anaerobic biodegradation. Chlorinated solvents such as TCE can degrade under anaerobic conditions. Anaerobic biodegradation of TCE results in a dechlorination reaction to vinyl chloride, which degrades aerobically or under methanogenic (extremely reducing) conditions.

A.1.3 Behavior of Metals in Soils and Aqueous Systems

The fate and transport of inorganics (metals) in groundwater, surface water, and soils depend upon the pH and the Eh (oxidation-reduction, "redox" potential). Metals typically exist as cations (positively charged ions) in solution at low pH. As the pH increases, metals such as iron, lead, copper, cadmium, nickel and chromium complex with hydroxide and carbonate ions to form insoluble minerals which precipitate out of solution. Metals which exist as cations have a strong affinity to adsorb to soils via cation exchange due to the negative charge on soil particles.

Redox conditions have a significant effect on the transport of certain metals such as chromium. Under strongly oxidizing conditions, chromium is oxidized from its reduced form (Cr^{+3}) to its oxidized form (Cr^{+6}). The oxidized form of chromium binds with oxygen to form an anion (negatively charged ion) that is highly soluble in water. Under the slightly oxidizing to reducing conditions typically found in groundwater (Brookins, 1988), chromium exists as Cr_2O_3, an insoluble mineral.

Cadmium, nickel, and copper exist as cations with a valence of +2 in aqueous environments. These metals typically precipitate as insoluble minerals at neutral to near-neutral pH levels. Transport of these metals are retarded in groundwater due to their adsorption to the negatively charged soil particles in their cationic state.

Mercury is different from the other metals of interest because it exists as a metal under pH and Eh conditions normally found in the environment. Mercury metal is a liquid under ambient conditions and tends to volatilize. The equilibrium solubility of mercury is on the order of 25 μg/l (Hem, 1989) in a closed system without a gas phase for a considerable pH and Eh range. Its concentration in water open to the atmosphere is likely to be lower due to its volatility. Mercury also has a tendency to complex with naturally occurring organic compounds to form compounds such as methyl mercury, $HgCH_3^+$.

Arsenic exists in aqueous systems in the +3 and +5 oxidation states, with the +5 oxidation state the dominate state under oxidizing conditions. The dominate +5 species are H_3AsO_4, $H_2AsO_4^-$, $HAsO_4^{2-}$, and AsO_4^{3-}. The dominate +3 species are $H_3AsO_3^0$, $H_2AsO_3^-$, $HAsO_3^{2-}$, and AsO_3^{3-}. The dominate species of arsenic are anionic forms and solid phases of arsenic have high solubilities, therefore arsenic species tend to be mobile in groundwater. Hydrous oxides such as FeAsO4 can act as controlling solids for arsenic

in groundwater, however, the dominate control of arsenic solubility is adsorption to hydrous oxides of iron and aluminum.

Zinc exists in the +2 oxidation state in aqueous environments, however, the solubility of zinc is redox sensitive due to the precipitation of ZnS (sphalerite) under sulfate reducing conditions. Under oxidizing conditions, Z_n^{2+} is the dominate species at pH below 7.5. In the pH range between 7.5 and 11, some formation of $ZnCO_3$ (smithsonite) and ZnO (zincite) can form, however, no solubility controlling solids have been identified in soils. The dominate control of zinc in groundwater is adsorption via cation exchange on clay minerals and adsorption to iron and manganese oxides. Zn^{2+} competes with calcium and magnesium for adsorption sites, therefore, adsorption via cation exchange will be limited in groundwater containing high concentrations of calcium and magnesium.

Barium exists in the +2 oxidation state. Under a pH of 9.3, Ba^{2+} is the dominate species with $BaCO_3$ and $BaSO_4$ (barite) becoming the controlling solids at pH $>$ 9.3. Barite could act to control some to the solubility of barium under neutral pH conditions, however, the dominate solubility control is adsorption. Barium has a higher adsorption capacity that calcium and magnesium, therefore, it is not expected to be highly mobile in groundwater.

Cobalt behaves similarly to nickel in aqueous environments with oxidation states of +2 and +3. Under neutral pH and oxidizing conditions, Co_3O_4 is the controlling solid for cobalt, however, cobalt can for stable carbonates $CoCO_3$ (spherocobaltite). Co^{2+} is the dominate cobalt species at pH levels less than 7.0 with CoS the controlling solid under sulfate reducing conditions.